EUROPEAN HEALTH AND DIGITAL EXECUTIVE AGENCY (HADEA)

HADEA.B – Digital, Industry and Space
B.2 – Digital

AMENDMENT No AMD-101102611-5

Project: 101102611 — DC4EU

The parties agree to amend the Agreement as follows ('**Amendment**'):

1 . Addition of a new beneficiary

The following new beneficiaries are added as from:

- HOGESCHOOL WEST-VLAANDEREN HOWEST (HOWEST): 1 January 2024
- WALT.ID GMBH (Walt.ID): 1 January 2024
- ARISTOTELIO PANEPISTIMIO THESSALONIKIS (AUTh): 1 January 2024
- EOTVOS LORAND TUDOMANYEGYETEM (ELTE): 1 January 2024
- VYTAUTO DIDZIOJO UNIVERSITETAS (VMU): 1 January 2024
- UNIVERSIDAD DE MALAGA (UMA): 1 January 2024
- STICHTING SAXION (SAXION): 1 January 2024
- STICHTING HOGESCHOOL VAN AMSTERDAM (HvA): 1 January 2024
- UNIVERSITEIT TWENTE (UT): 1 January 2024

This implies the **following changes** to the Agreement:

- The new beneficiaries and the entry date are added to the list of participants in the **Data Sheet**.
- The new beneficiaries are added to the **Preamble**:
  - 79. **HOGESCHOOL WEST-VLAANDEREN HOWEST (HOWEST),** PIC 998686684, established in MARKSESTEENWEG 58, KORTRIJK 8500, Belgium
  - 80. **WALT.ID GMBH (Walt.ID),** PIC 893668373, established in LIECHTENSTEINSTRASSE 111-115, WIEN 1090, Austria
  - 81. **ARISTOTELIO PANEPISTIMIO THESSALONIKIS (AUTh),** PIC 999895692, established in KEDEA BUILDING, TRITIS SEPTEMVRIOU, ARISTOTLE UNIVERSITY CAMPUS, THESSALONIKI 546 36, Greece

- 82. **EOTVOS LORAND TUDOMANYEGYETEM (ELTE),** PIC 999896468, established in EGYETEM TER 1-3, BUDAPEST 1053, Hungary
- 83. **VYTAUTO DIDZIOJO UNIVERSITETAS (VMU),** PIC 999590627, established in K DONELAICIO G 58, KAUNAS LT-44248, Lithuania
- 84. **UNIVERSIDAD DE MALAGA (UMA),** PIC 999898311, established in AVDA CERVANTES, NUM. 2, MALAGA 29016, Spain
- 85. **STICHTING SAXION (SAXION),** PIC 970382278, established in M HARPERTSZ TROMPLAAN 30, ENSCHEDE 7513 AB, Netherlands
- 86. **STICHTING HOGESCHOOL VAN AMSTERDAM (HvA),** PIC 985875991, established in WIBAUTSTRAAT 3 B COLLEGE VAN BESTUUR, AMSTERDAM 1091 GH, Netherlands
- 87. **UNIVERSITEIT TWENTE (UT),** PIC 999900833, established in DRIENERLOLAAN 5, ENSCHEDE 7522 NB, Netherlands

2. Addition of an affiliated entity

The following new affiliated entity(ies) are added as from:

– ATOS IT SOLUTIONS AND SERVICES IBERIA SL (ATOS IT), linked to ATOS SPAIN SA (ATOS SPAIN SA): the date of entry into force of this Amendment

– LINKOPINGS UNIVERSITET (Li.U), linked to UMEA UNIVERSITET (Ladokk): 1 January 2024

This implies the **following changes** to the Agreement:

- The new affiliated entity(ies) and the entry date are added to the list of participants in the **Data Sheet**.
- The new affiliated entity(ies) are added to **Article 8**:
  - ATOS IT SOLUTIONS AND SERVICES IBERIA SL (ATOS IT), PIC 952979120, linked to ATOS SPAIN SA (ATOS SPAIN SA)
  - LINKOPINGS UNIVERSITET (Li.U), PIC 999852236, linked to UMEA UNIVERSITET (Ladokk)

3. Addition of an associated partner

The following new associated partner(s) are added as from:

– CENTRE DES LIAISONS EUROPEENNES ET INTERNATIONALES DE SECURITE SOCIALE (CLEISS): the date of entry into force of this Amendment

– Sredisnji registar osiguranika (REGOS): the date of entry into force of this Amendment

– DIGITALISERINGSDIREKTORATET (DIGDIR AP): 1 January 2024

– ACOSS (ACOSS): the date of entry into force of this Amendment

– ISTITUTO NAZIONALE DELLA PREVIDENZA SOCIALE (INPS): the date of entry into force of this Amendment

– Sociale Verzekeringsbank (SVB): the date of entry into force of this Amendment

– CAISSE NATIONALE DE L'ASSURANCE MALADIE DES TRAVAILLEURS SALARIES (CNAM): the date of entry into force of this Amendment

– Federal Social Insurance Office FSIO (BSV): the date of entry into force of this Amendment

– KANSANELAKELAITOS (KELA): the date of entry into force of this Amendment

– Centre Commun de la Sécurité Sociale (CCSS): the date of entry into force of this Amendment

– ZAKLAD UBEZPIECZEN SPOLECZNYCH (ZUS): the date of entry into force of this Amendment

– SOTSIAALMINISTEERIUM (SM): the date of entry into force of this Amendment

This implies the **following changes** to the Agreement:

- The new associated partner(s) and the entry date are added to the list of participants in the **Data Sheet**.
- The new associated partner(s) are added to **Article 9.1**:
  - CENTRE DES LIAISONS EUROPEENNES ET INTERNATIONALES DE SECURITE SOCIALE (CLEISS), PIC 878551408
  - Sredisnji registar osiguranika (REGOS), PIC 878656459
  - DIGITALISERINGSDIREKTORATET (DIGDIR AP), PIC 998942667
  - ACOSS (ACOSS), PIC 885459263
  - ISTITUTO NAZIONALE DELLA PREVIDENZA SOCIALE (INPS), PIC 928230637
  - Sociale Verzekeringsbank (SVB), PIC 880341058
  - CAISSE NATIONALE DE L'ASSURANCE MALADIE DES TRAVAILLEURS SALARIES (CNAM), PIC 907130324
  - Federal Social Insurance Office FSIO (BSV), PIC 879042422
  - KANSANELAKELAITOS (KELA), PIC 986131974
  - Centre Commun de la Sécurité Sociale (CCSS), PIC 879016038
  - ZAKLAD UBEZPIECZEN SPOLECZNYCH (ZUS), PIC 889166118

– SOTSIAALMINISTEERIUM (SM), PIC 998429731

4 . Beneficiary termination

The participation of the following beneficiaries is terminated as from:

- ISTITUTO POLIGRAFICO E ZECCA DELLO STATO SPA (IPZS):
  - end of work date (‘exit date’): 30 September 2023
  - termination date: 30 September 2023 or the date of entry into force of this Amendment (whichever is the latest)
- SIDN BUSINESS B.V (SIDN Business):
  - end of work date (‘exit date’): 31 December 2023
  - termination date: 31 December 2023 or the date of entry into force of this Amendment (whichever is the latest)
- DIGITALISERINGSDIREKTORATET (DIGDIR):
  - end of work date (‘exit date’): 31 December 2023
  - termination date: 31 December 2023 or the date of entry into force of this Amendment (whichever is the latest)

This implies the **following changes** to the Agreement:

- The beneficiaries are deleted from the **Preamble**.
  - ~~21. ISTITUTO POLIGRAFICO E ZECCA DELLO STATO SPA (IPZS), PIC 890144557, established in VIA SALARIA 691, ROMA 00138, Italy,~~
  - ~~28. SIDN BUSINESS B.V (SIDN Business), PIC 885578961, established in MEANDER 501, Arnhem 6825 MD, Netherlands,~~
  - ~~31. DIGITALISERINGSDIREKTORATET (DIGDIR), PIC 998942667, established in GREV WEDELS PLASS 9, OSLO 0151, Norway,~~

  and the exit date is added to the list of participants in the **Data Sheet**.

In accordance with Article 32 of the Agreement, the beneficiaries’ obligations continue to apply after termination.

If the termination leads to an amendment of the estimated budget (Annex 2), the maximum amount for joint and several liability of the terminated beneficiary is that of the estimated budget *before* this Amendment.

5 . Change of Annex 1

Annex 1 is changed and replaced by the Annex 1 attached to this Amendment.

6. Change of Annex 2

The estimated budget in **Annex 2** is changed.

This implies the **following changes** to the Agreement:

- **Annex 2** is changed and replaced by the Annex 2 attached to this Amendment.
- The table on maximum grant amount and total estimated eligible costs and contributions in the **Data Sheet** is updated.

All other provisions of the Agreement and its Annexes remain unchanged.

This Amendment **enters into force** on the day of the last signature.

This Amendment **takes effect** on the date(s) mentioned in the amendment clause(s) (or — if no date was chosen — on the same date the Amendment enters into force).

Please inform the other members of your consortium (if any) of this Amendment.

SIGNATURES

For the coordinator

[redacted]i with ECAS id n00fv2nm signed in the Participant Portal on 18/06/2024 at 20:06:25 (transaction id SigId-181-sRYX2cO86nnHGGztU8pd5YHkuDDNEP05kRQMr3ZuG3TABdNzPQUUWO54tyCyjOEj91XxnGqO7vbxGNpDwCING2-yntOf97TTHqRmuf4VZjsjO-zrdFkmUPJT7EyoLNeBlm3egejcQ4HVLnb8GsR4PIGnXEoT6UPUt4ntoxLE0gEza27dBNzbdXyGtWA71xBtqtYGG). Timestamp by third party at 2024.06.18 20:07:21 CEST

For the granting authority

Signed by [redacted]with ECAS id katraan as an authorised representative on 24-06-2024 17:42:38 (transaction id SigId-12002-zv7TlPzzzpeudLCzYzxy6OBoA2bN9wwoS9zItgvt87Z9itYBEFJpzWqsnFNQyzIo076cXiIsmRVwY0eLqzRyKcdJW-jpJZscgsw0KfuMbJNXsr20-v85Nm9CHG6pw7lgHc3EyLSl1R1A1ecu31uvzbJozYb6GzMkZQzucCcFM73eyYFVo0bBWDWHBej07TceUSxlZOwm)
2024.06.24 17:42:40 CEST

Done in English

Enclosures: Grant Agreement Data Sheet
Grant Agreement Annex 1
Grant Agreement Annex 2

ANNEX 1

Digital Europe Programme (DIGITAL)

Description of the action (DoA)

Part A

Part B

DESCRIPTION OF THE ACTION (PART A)

COVER PAGE

Part A of the Description of the Action (DoA) must be completed directly on the Portal Grant Preparation screens.

PROJECT *Grant Preparation (General Information screen) — Enter the info.*	
Project number:	101102611
Project name:	Digital Credentials for Europe
Project acronym:	DC4EU
Call:	DIGITAL-2022-DEPLOY-02
Topic:	DIGITAL-2022-DEPLOY-02-ELECTRONIC-ID
Type of action:	DIGITAL-SIMPLE
Service:	HADEA/B/02
Project starting date:	fixed date: 1 April 2023
Project duration:	24 months

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List of milestones (outputs/outcomes) 35
List of critical risks 38

PROJECT SUMMARY

Project summary

Grant Preparation (General Information screen) — Provide an overall description of your project (including context and overall objectives, planned activities and main achievements, and expected results and impacts (on target groups, change procedures, capacities, innovation etc)). This summary should give readers a clear idea of what your project is about.

Use the project summary from your proposal.

Europe is facing unprecedented changes, in which digital transformation and the green transition are two key backbones of Europe's future. The eIDAS trust framework is undoubtedly one of the pillars of the European Union, which has laid the foundations of identity and trust in the digital world. The revision of this framework extends its scope of competence beyond identity, encompassing the electronic attestation of attributes (EAA). Establishing the technical measures, the processes and procedures for establishing trust frameworks in sectoral areas will be key to the construction of Europe. In this sense, DC4EU will focus on identifying and applying all these aspects in the fields of Education (Ed) and Social Security (SS). Specifically, the issuance of educational credentials and professional qualifications in the Education sector, and the issuance of the portable document A1 (PDA1) and the European Health Insurance Card (EHIC) in the Social Security sector.

The European Digital Identity Wallet (EUDIW) will be a key element of hybridization for cross-sectoral and cross-border use cases (Identity, Signature, educational credentials and Social Security). Beyond the development of cross-border Large-Scale Pilots (LSPs) and recommendations for issuing institutions, relying parties, Member States (MS) and citizens, DC4EU will contribute to new paradigm to citizens in the field of education and social security.

DC4EU is formed by 80 organizations from 23 States (21 EU MS + Norway and Ukraine). For this purpose, it will develop 4 use cases (UCs) with work planned for 24 months and divided in 9 work packages. The project counts with the backing 43 public organizations and 49 private entities, including relevant sectoral institutions, ministries, and digitalization agencies of various Member States governments, developing a comprehensive governance model and an ambitious dissemination plan, guaranteeing the relevance and impact expected.

LIST OF PARTICIPANTS

PARTICIPANTS

Grant Preparation (Beneficiaries screen) — Enter the info.

Number	Role	Short name	Legal name	Country	PIC
1	COO	MINECO - SGAD	MINISTERIO DE ASUNTOS ECONOMICOS Y TRANSFORMACION DIGITAL	ES	966392474
2	BEN	FNMT	FABRICA NACIONAL DE MONEDA Y TIMBRE-REAL CASA DE LA MONEDA	ES	912199059
3	BEN	DVSV	DACHVERBAND DER SOZIALVERSICHERUNGSTRAEGER	AT	923801617
4	BEN	SVS	SOZIALVERSICHERUNGSANSTALT DER SELBSTANDIGEN	AT	885805747
5	BEN	CBSS	BANQUE CARREFOUR DE LA SECURITE SOCIALE	BE	998955859
6	BEN	Smals	SMALS	BE	948004087
7	BEN	KZP	KANCELAR ZDRAVOTNIHO POJISTENI	CZ	886820076
8	BEN	DTU	DANMARKS TEKNISKE UNIVERSITET	DK	999990655

PARTICIPANTS

Grant Preparation (Beneficiaries screen) — Enter the info.

Number	Role	Short name	Legal name	Country	PIC
9	BEN	STAR	STYRELSEN FOR ARBEJDSMARKED OG REKRUTTERING	DK	907876739
10	BEN	ECCA	EUROPEAN CAMPUS CARD ASSOCIATION	IE	904452348
11	BEN	EUF-CE	EUROPEAN UNIVERSITY FOUNDATION-CAMPUS EUROPAE	LU	948229418
12	BEN	OPH	OPETUSHALLITUS OPH	FI	914643750
13	BEN	VM	VALTIOVARAINMINISTERIO	FI	998822387
13.1	AE	DVV	DIGI-JA VAESTOTIETOVIRASTO	FI	885753464
14	BEN	GovPart	GOVPART GMBH	DE	888107654
15	BEN	DRV Bund	DEUTSCHE RENTENVERSICHERUNG BUND	DE	884065955
16	BEN	GUNET	AKADIMAIKO DIADIKTYO	EL	950647434
17	BEN	CERTH	ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	EL	998802502
18	BEN	GRNET S.A.	NATIONAL INFRASTRUCTURES FOR RESEARCH AND TECHNOLOGY	EL	999937887
19	BEN	Neumann	NEUMANN JANOS NONPROFIT KOZHASZNU KORLATOLT FELELOSSEGU TARSASAG	HU	998453593
20	BEN	DSP	DEPARTMENT OF SOCIAL PROTECTION	IE	931402828
21	BEN	IPZS	ISTITUTO POLIGRAFICO E ZECCA DELLO STATO SPA	IT	890144557
22	BEN	POSTE ITALIANE	POSTE ITALIANE - SOCIETA PER AZIONI	IT	956974453
23	BEN	123c Consulting	123C CONSULTING MB	LT	885967446
24	BEN	SKS	UZDAROJI AKCINE BENDROVE SKAITOS KOMPIUTERIU SEVISAS	LT	894302656
24.1	AE	EDELIVERY LT	PUBLIC INSTITUTION EDELIVERY LT	LT	894289949
25	BEN	SIS	Systems integration solutions, UAB	LT	894340777
26	BEN	3CL	THE COMMONWEALTH CENTRE FOR CONNECTED LEARNING FOUNDATION	MT	902856601
27	BEN	GEANT	GEANT VERENIGING	NL	999579278
28	BEN	SIDN Business	SIDN BUSINESS B.V	NL	885578961
29	BEN	SURF BV	SURF BV	NL	952865630
30	BEN	VECOZO	VECOZO BV	NL	950175044
31	BEN	DIGDIR	DIGITALISERINGSDIREKTORATET	NO	998942667
32	BEN	SIKT	SIKT - KUNNSKAPSSEKTORENS TJENESTELEVERANDOR	NO	909570553
33	BEN	CERTSIGN	CERTSIGN SA	RO	960082139
34	BEN	ICI BUCURESTI	INSTITUTUL NATIONAL DE CERCETARE-	RO	999593537

PARTICIPANTS

Grant Preparation (Beneficiaries screen) — Enter the info.

Number	Role	Short name	Legal name	Country	PIC
			DEZVOLTARE IN INFORMATICA ICI BUCURESTI RA		
35	BEN	UPT	UNIVERSITATEA POLITEHNICA TIMISOARA	RO	999856795
36	BEN	UEFISCDI	UNITATEA EXECUTIVA PENTRU FINANTAREA INVATAMANTULUI SUPERIOR A CERCETARII DEZVOLTARII SI INOVARII	RO	972130024
37	BEN	ATOS SPAIN SA	ATOS SPAIN SA	ES	999993856
37.1	AE	ATOS IT	ATOS IT SOLUTIONS AND SERVICES IBERIA SL	ES	952979120
38	BEN	CGCOM	CONSEJO GENERAL DE COLEGIOS OFICIALES DE MEDICOS	ES	890686496
39	BEN	LOGALTY	LOGALTY PRUEBA POR INTERPOSICION SL	ES	926882046
40	BEN	UAH	UNIVERSIDAD DE ALCALA	ES	999835746
41	BEN	UProf	UNION PROFESIONAL	ES	885528521
42	BEN	UMU	UNIVERSIDAD DE MURCIA	ES	999844282
43	BEN	UNED	UNIVERSIDAD NACIONAL DE EDUCACION A DISTANCIA	ES	999863294
44	BEN	UPM	UNIVERSIDAD POLITECNICA DE MADRID	ES	999974844
45	BEN	SUNET	VETENSKAPSRADET - SWEDISH RESEARCH COUNCIL	SE	999586165
46	BEN	IntSitf	STIFTELSEN FOR INTERNETINFRASTRUKTUR	SE	885652390
47	BEN	RISE	RISE RESEARCH INSTITUTES OF SWEDEN AB	SE	999613422
48	BEN	Ladokk	UMEA UNIVERSITET	SE	999881821
48.1	AE	Li.U	LINKOPINGS UNIVERSITET	SE	999852236
49	BEN	Bank ID	FINANSIELL ID-TEKNIK BID AB	SE	886186472
50	BEN	Lusofona Uni	COFAC COOPERATIVA DE FORMACAO E ANIMACAO CULTURAL CRL	PT	997605425
51	BEN	UPORTO	UNIVERSIDADE DO PORTO	PT	999894916
52	BEN	ISS	INSTITUTO DA SEGURANCA SOCIAL	PT	883868075
53	BEN	UC3M	UNIVERSIDAD CARLOS III DE MADRID	ES	999899572
54	BEN	NFZ	NARODOWY FUNDUSZ ZDROWIA	PL	998161332
55	BEN	DIGG	Swedish Agency for Digital Government	SE	900474378
56	BEN	UNIBO	ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA	IT	999993953
57	BEN	URV	UNIVERSITAT ROVIRA I VIRGILI	ES	999880560
58	BEN	NASK	NAUKOWA I AKADEMICKA SIEC KOMPUTEROWA - PANSTWOWY INSTYTUT BADAWCZY	PL	999918681

PARTICIPANTS

Grant Preparation (Beneficiaries screen) — Enter the info.

Number	Role	Short name	Legal name	Country	PIC
59	BEN	OPI	OSRODEK PRZETWARZANIA INFORMACJI-PANSTWOWY INSTYTUT BADAWCZY	PL	951844317
60	BEN	INCM	IMPRENSA NACIONAL - CASA DA MOEDA, S. A.	PT	911351958
61	BEN	UMAIA	MAIEUTICA COOPERATIVA DE ENSINO SUPERIOR CRL	PT	951330411
62	AP	GZD	GENERALZOLLDIREKTION	DE	911441489
63	AP	DUO	MINISTERIE VAN ONDERWIJS, CULTUUR EN WETENSCHAP	NL	999813727
64	AP	AOC	Consorci Adminitració Oberta de Catalunya	ES	926217887
65	AP	UAB	UNIVERSITAT AUTONOMA DE BARCELONA	ES	999986484
66	AP	UB	UNIVERSITAT DE BARCELONA	ES	999986387
67	AP	SOCIALSTYRELSE	SOCIALSTYRELSEN	SE	998248147
68	AP	Digital LU	MINISTERE DE LA DIGITALISATION	LU	894308767
69	AP	Gataca España	GATACA ESPANA SL	ES	892135676
70	AP	RED.ES	ENTIDAD PUBLICA EMPRESARIAL RED.ES	ES	999647081
71	AP	Digital UA	MINISTRY OF DIGITAL TRANSFORMATION OF UKRAINE	UA	896182128
72	AP	MOES UA	MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE	UA	938113773
73	AP	Uni Lille	UNIVERSITE DE LILLE	FR	888146648
74	AP	MUNI	MINISTERIO DE UNIVERSIDADES	ES	894297612
75	AP	CRUE	CONFERENCIA DE RECTORES DE LAS UNIVERSIDADES ESPANOLAS (CRUE) ASOCIACION	ES	999421362
76	AP	GISS	MINISTERIO DE INCLUSIÓN, SEGURIDAD SOCIAL Y MIGRACIONES	ES	915812891
77	AP	FK	THE SWEDISH SOCIAL INSURANCE AGENCY FORSAKRINGSKASSAN	SE	891289060
78	AP	RSZ	OFFICE NATIONAL DE SECURITESOCIALE*RIJKSDIENST VOOR SOCIALE ZEKERHEID LANDESAMT FUR SOZIALE SICHERHEIT ONSS RSZ LSS	BE	964300378
79	BEN	HOWEST	HOGESCHOOL WEST-VLAANDEREN HOWEST	BE	998686684
80	BEN	Walt.ID	WALT.ID GMBH	AT	893668373
81	BEN	AUTh	ARISTOTELIO PANEPISTIMIO THESSALONIKIS	EL	999895692
82	BEN	ELTE	EOTVOS LORAND TUDOMANYEGYETEM	HU	999896468
83	BEN	VMU	VYTAUTO DIDZIOJO UNIVERSITETAS	LT	999590627

PARTICIPANTS

Grant Preparation (Beneficiaries screen) — Enter the info.

Number	Role	Short name	Legal name	Country	PIC
84	BEN	UMA	UNIVERSIDAD DE MALAGA	ES	999898311
85	BEN	SAXION	STICHTING SAXION	NL	970382278
86	BEN	HvA	STICHTING HOGESCHOOL VAN AMSTERDAM	NL	985875991
87	BEN	UT	UNIVERSITEIT TWENTE	NL	999900833
88	AP	INPS	ISTITUTO NAZIONALE DELLA PREVIDENZA SOCIALE	IT	928230637
89	AP	ZUS	ZAKLAD UBEZPIECZEN SPOLECZNYCH	PL	889166118
90	AP	SVB	Sociale Verzekeringsbank	NL	880341058
91	AP	DIGDIR AP	DIGITALISERINGSDIREKTORATET	NO	998942667
92	AP	BSV	Federal Social Insurance Office FSIO	CH	879042422
93	AP	KELA	KANSANELAKELAITOS	FI	986131974
94	AP	REGOS	Sredisnji registar osiguranika	HR	878656459
95	AP	CCSS	Centre Commun de la Sécurité Sociale	LU	879016038
96	AP	CLEISS	CENTRE DES LIAISONS EUROPEENNES ET INTERNATIONALES DE SECURITE SOCIALE	FR	878551408
97	AP	ACOSS	ACOSS	FR	885459263
98	AP	CNAM	CAISSE NATIONALE DE L'ASSURANCE MALADIE DES TRAVAILLEURS SALARIES	FR	907130324
99	AP	SM	SOTSIAALMINISTEERIUM	EE	998429731

LIST OF WORK PACKAGES

Work packages

Grant Preparation (Work Packages screen) — Enter the info.

Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
WP1	Project management and coordination	1 - MINECO - SGAD	96.00	1	24	D1.1 – Project Management Handbook D1.2 – Steering committee and advisory board meetings, meeting minutes D1.3 – Quality assurance and risk management plan D1.4 – Roadmap for the implementation of the eco-system D1.5 – Sustainability business strategy D1.6 – Periodic Report (I) D1.7 – Interim Report D1.8 – Periodic Report (II) D1.9 – Final Report
WP2	Analysis, planification and design	16 - GUNET	104.40	1	23	D2.1 – SoTA Analysis D2.2 – Logical and Architectural Design of the ecosystem
WP3	Internal and external collaboration and alignment	18 - GRNET S.A.	65.68	1	24	D3.1 – DC4EU Collaboration & Cooperation Strategy and Activities Report D3.2 – Coordination report with eIDAS Expert Group
WP4	Onboarding base identity	27 - GEANT	128.85	1	24	D4.1 – Issuance and verification legal analysis D4.2 – Onboarding process analysis
WP5	Education and Professional Credentials	1 - MINECO - SGAD	978.06	1	24	D5.1 – Business Blueprint WP5 (BBP) D5.2 – Deployment and Testing Scenarios Results Library (DTSRL)

Work packages

Grant Preparation (Work Packages screen) — Enter the info.

Work Package No	Work Package name	Lead Beneficiary	Effort (Person-Months)	Start Month	End Month	Deliverables
						D5.3 – Initiatives mapping, documentation, and final report on LSP
WP6	Social Security	3 - DVSV	268.90	1	24	D6.1 – Business Blueprint WP6 (BBP) D6.2 – Deployment, Testing and Piloting Scenarios Results Library (DTSRL) D6.3 – The Initiatives mapping and alignment checklist
WP7	Integrations and development	45 - SUNET	182.40	1	24	D7.1 – Open Source Architechture D7.2 – IPR Policy D7.3 – Interop Lab guide
WP8	Ecosystem building, policy support and sustainability	13 - VM	34.00	6	24	D8.1 – Registers of governing authorities, verifiable data registries, trust registries, attribute / schema registries, ecosystem members, and guidelines for ecosystem member enrolment. D8.2 – Ecosystem auditing, certification, and sustainability guidelines
WP9	Communications and Dissemination	10 - ECCA	36.00	1	24	D9.1 – Dissemination, communication and visibility plan D9.2 – Dissemination final report

Work package WP1 – Project management and coordination

Work Package Number	WP1	Lead Beneficiary	1 - MINECO - SGAD
Work Package Name	Project management and coordination		
Start Month	1	End Month	24

Objectives
The primary objective of Work Package 1 is to ensure that project deliverables, outcomes and results are produced/ reached according to the agreed planification and commitments. Also, the present work package will ensure the project's manageability (taking into account its relevance as it involves 80 organizations from 21 + 2 Member states), participants' performance, engagement and accountability (performing a continuous follow-up and monitoring of WPs implementation) and activities' consistency, coherence and impact. For that matter this will be based on three specialized governance bodies related to the managerial, business, and public policies perspectives). WP1 will cover all coordination, planification, project management and results measurement of tasks coordinated by WP leaders (responsible for managing the tasks at WP level) in the consortium conformed in the present proposal. It will drive a complete and comprehensive governance model that will fulfil the stated tasks, based on a decision-making collaborative approach conformed by the Strategic Committee (SC), operational since the proposal writing process, a Member-State public policy focused Advisory Board (AB) and the general project management and coordination (PMC/ COO). WP 1 is funded by SGAD from the Spanish Recovery and Resilience Facility . The funding allocated to the coordinator under WP1 personnel costs (remaining budget) will be redistributed to other beneficiaries (potentially new ones, including Ukraine) during the project's implementation to ensure comprehensive piloting of the Digital Identity Wallet. No funds will be used by the coordinator in the project.

Description
T1.1 Project management design. Design of the governance model, definition of the Strategic Committee and of the advisory board and elaboration of the PM handbook. Lead : SGAD in coordination with SC. Participants: SGAD (COO) in coordination with SC. T1.2 Operational coordination. Continuous WP coordination, with technical, policy and legal council through the PMC to WP Leaders and executors on an operational level, as well as tasks and milestones monitoring and deliverables supervision. Lead: SGAD in coordination with AB. Participants: SGAD (COO) in coordination with AB. T1.3 Financial and administrative coordination. Budget supervision and administrative tasks fulfilment in compliance with EU funding rules. Lead: SGAD in coordination with SC. Participants: SGAD (COO) in coordination with SC. T1.4 Financial and time reporting. Financial and time reporting duties in coordination with WP Leaders. Participants: SGAD (COO). T1.5 Quality assurance, Risk Management, and Contingency planning Financial, risk and quality management. Monitoring and evaluation of the economic performance of the project and quality assurance policies deployment. Elaboration of the quality assurance and risk management plan. Participants: SGAD (COO) in coordination with AB. T1.6 Data protection, ethics and security. Implementation of a privacy by design and default framework based on Article 25 of the GDPR and the guidelines included in the GDPR handbook 2018 and ethics and security issues monitoring. Participants: SGAD (COO).

Work package WP2 – Analysis, planification and design

Work Package Number	WP2	Lead Beneficiary	16 - GUNET
Work Package Name	Analysis, planification and design		
Start Month	1	End Month	23

Objectives
Work Package 2 covers the process of planning, design, and analysis to be developed around agents and systems identification, requirements gathering, alignment with ARF and other ongoing activities, user journeys design and APIs alignment. The outcome is a technical design document that, together with a planification document, will guide the iterative development of the ecosystem. The main objectives of this WP are the following: · Provide a complete analysis of the business requirements for use cases in other WPs · Stakeholders' analysis and User Journey definition · Technical specification of the ecosystem · A playbook for adoption

Description
T2.1. Analysis. This task will be focused on the analysis of ARF (as an output from WP3) and all related topics emerging form the work of WP5 and WP6, in particular: · Functional and non-Functional Requirements gathering. · Analysis of alignment with other ongoing cross-border initiatives and synergies with other domain related activities. · Stakeholder analysis and mapping · Analysis of current APIs with project implementations · Analysis of requirements for EAAs, QEAAs Participants: GUNET, SUNET, CERTSIGN, NEUMANN,POSTE. T2.2. Design. This task will produce a high-level logical and physical architecture of the ecosystem by collecting the results of the following sub-tasks: · Identify target systems and wallet interoperability requirements · Cross-border user journey conceptualization, design, and acceptance criteria. Participants: GUNET, SUNET, CERTSIGN, NEUMANN,POSTE. T2.3. Planification. Integration plan design and alignment with Architecture Reference Framework (ARF). This will be an output for WPs 5 and 6. Participants: GUNET, SUNET, CERTSIGN, NEUMANN,POSTE.

Work package WP3 – Internal and external collaboration and alignment

Work Package Number	WP3	Lead Beneficiary	18 - GRNET S.A.
Work Package Name	Internal and external collaboration and alignment		
Start Month	1	End Month	24

Objectives
Work Package 3 focuses on the coordination of all interactions between the DC4EU project and the EC, eIDAS Expert Group and other relevant cross-border initiatives and associated stakeholders (i.e. EBSI, EBP Observatory, ENISA, other eIDAS consortiums, etc.). More specifically, this will cover three key coordination domains, namely the EC eIDAS reference wallet releases, other ongoing activities, and LSPs to be developed. Therefore, the main objectives of this WP are the following: ·Coordination with the European Commission (DG-CNECVT-H4) for iterative eIDAS reference wallet releases, eIDAS and ARF evolution ·Coordination with other ongoing cross-border initiatives (other eIDAS LSP consortia, EBSI, etc.); although eIDAS and EBSI wallets may not

interoperate, the project should be aware of the developments on the EBSI wallets front. In addition, WP5 & WP6 will drive collaboration and
alignment with related business DGs and key stakeholders.
·LSP coordination plan definition and execution

For the first objective, the WP will foster and support cooperation with the Commission to ensure iterative development of the reference application of the wallet, including the successful integration of new releases of APIs for: requesting non-qualified electronic attestation of attributes (EAAs); qualified electronic attestation of attributes (QEAAs); credentials; presentation and validation of services (including connectivity and compliance tests); and issuing EAAs, QEAAs and credentials (including connectivity and compliance tests).
The project will engage with the collaboration spaces, communication channels, governance bodies and events that the Commission believes are of relevance to the project and thus would benefit from the project's input. This engagement will include nominating a representative from the project to governance bodies established by the Commission when requested.
The project will provide continuous feedback (using the channels designated by the Commission) to the iterative development of EUDI Wallet Architecture and Reference Framework and the EUDI Wallet Reference implementation. This will include providing feedback or responses to the Commission or its wallet contractor in regards to questions or requests for input it raise. The Commission or its wallet contractor will prescribe the format of these responses or input.

For the second objective, the WP will coordinate with other consortia that will run under DIGITAL-2022-DEPLOY-02, both in the eIDAS and the EBSI calls and coordinate with the EBSI itself (e.g., the European Blockchain Partnership (EBP), the EBSI Policy Group, the EBSI Technical Group, the eSSIF UC, the Diploma UC and the ESSPASS UC, through DG-CNECT-F3 and DG-DIGIT).

For the third objective, the work package will create a plan for coordination among the various LSPs of this project, in collaboration with WP1.
Finally, this WP interacts strongly with WP2 with respect to planification, analysis and design.

Description

T3.1. Collaboration and Cooperation Planning. This task will provide and maintain the project's collaboration and cooperation strategy with the EC (DG-CNECT, DG-EMPL, DG-EAC, DG-GROW, DG-RTD, DG-DIGIT), eIDAS Expert Group, as well as other relevant cross-border initiatives and associated stakeholders (i.e., The European Blockchain Services Infrastructure (EBSI), EBP Observatory, ENISA, INATBA, other eIDAS consortia etc.). It will also collaborate with other entities and initiatives like EHEA, GÉANT, EDSSI, the European Student Card Initiative, Europass, etc. Attention will also be paid to the recommendations from European Standardisation Organisations (ESO), EDPB/EDPS and other relevant external bodies participating in Toolbox process and beyond.
This strategy will be KPI-driven based on S.M.A.R.T. goals, which will be periodically revisited and validated. It will do so by creating a matrix of activities across WPs and target stakeholders, including a timeline, tools, and channels to be used. Based on the strategy, the task will support the project's collaboration and cooperation activities, making sure that all outputs are properly and widely utilised, using outreach activities tailored to the needs of the targeted stakeholders.

Participants: GRNET, Atos, VM, CERTH, NASK,INCM, ATOS IT.

T3.2. Coordination with the EC eIDAS Expert Group. Bidirectional collaboration activities between DC4EU and the EC, relevant EC services, as well as the eIDAS Expert Group towards the eIDAS Toolbox and reference wallet iterative releases with consideration to eIDAS related implementing acts and the deliverables from Common Union Toolbox Working Groups covering aspects from provision and exchange of attributes to functionality and security of the wallet, reliance and governance.
The DC4EU team expects to contribute actively to the eIDAS Expert Group towards the eIDAS reference wallet, building on the former experience and working groups of the Community of Users for the European Digital Identity Framework (Futurium). It will also channel findings and lessons learned on the user journeys of the academic and social security LSPs for improvements in successive releases of the reference eIDAS wallet.
This will include alignment with the process to be established for iterative releases of the eIDAS Architecture Reference Framework and the reference wallet application and related APIs for integration with external parties (in close collaboration i.e. with WP7 and leveraging training workshops and support services for the LSPs), covering various key wallet functionalities, scenarios and flows.

Participants: GRNET, Atos, VM, CERTH, NASK, INCM, ATOS IT.

T3.3. Large-scale Pilots, Awareness Training activities. Define the coordination and collaboration plan with the DC4EU Large-Scale Pilots for demonstrating the functionality of the eIDAS reference wallet in national and cross-border contexts, achieve inter-LSP alignment through joint activities and cross-fertilisation of ideas, identify common use uses, KPIs, aid in the overcoming of barriers. Activities within this task will focus on two main aspects: collaboration among the relevant key players of LSPs and sharing and distributing good-practice information.
This will enhance cooperation between EU citizens, DC4EU and other LSPs co-funded under the same DEP Call, EC eIDAS Expert Group and other entities involved in awareness raising.

Participants: GRNET, Atos, VM, CERTH, NASK, INCM, ATOS IT.

Work package WP4 – Onboarding base identity

Work Package Number	WP4	**Lead Beneficiary**	27 - GEANT
Work Package Name	Onboarding base identity		
Start Month	1	**End Month**	24

Objectives

Provide a design for all stakeholders ensuring the complete functionality of the EUDIW. The starting point will be the legal framework – eIDAS Regulation and the common Union Toolbox and reference implementation of the wallet. Initial situation and requirements will be analysed along the EIF layers i.e., legal, organizational, semantic, and technical. The analysis will provide the inputs for the development of the WP deliverables.

The WP will be carried out in two stages:
· Analysis and development of the deliverables covering basic processes for onboarding, acquisition and online presentation of the PID and EEAs
for natural persons, providing design for cloud-based wallet. The output of this work will be delivered early in the project, in order for the WPs
that rely on this to progress. Knowing that to some extent the ARF and the reference wallet are moving targets, therefore it is expected that
there will be continuous development of these items, resulting in a final set of deliverables towards the end of the project.
·Final set of deliverables that take into account the mature ARF and reference wallet, broadening also the scope to cover the processes
involving legal persons as EUDIW users, mobile app wallet and offline presentation of EEAs.

Its outputs will be:
·Analysis of legal framework regarding onboarding of all actors presented in the ARF (PID providers, (Q)EAA providers, citizens, relying parties,
EUDIW issuers) including the analysis of the required creation and registration of information in EBSI trusted registries where relevant (T4.1)
·Identification of all generic and common actors presented in the ARF in the MS presented in the consortium f(PID issuance and verification,
EUDIW issuers) that are independent from use cases (T4.3)
·Onboarding framework for all actors required in the Diploma and Social Security use cases, including detailed flows and technical specifications
·Onboarding of all generic and common actors presented in the ARF in the MS presented in the consortium f(PID issuance and verification, EUDIW
issuers) that are independent from use cases (T4.3)
·Technical specifications for processes for the issuance and verification of PID and (Q)EAAs

Description

T4.1. Legal Analysis. Analysis of the inputs - legal framework, EC Toolbox. Participants: LOGALTY.

T4.2. Guidelines development Development of the process framework and organizational guidelines. Participants: GEANT, DVV (AE), LOGALTY, FNMT, ATOS, DIGG, BankID, GUNET, GATACA (AP), ATOS IT, SIDN.

T4.3. PID/DID onboarding Onboarding process for PID's/DIDs. Participants: GEANT, DVV (AE), LOGALTY, FNMT, ATOS, DIGG, BankID, GUNET, ATOS IT.

T4.4. (Q)EAA. Design of the issuance and verification process. Leaders: GEANT, DVV (AE), LOGALTY, FNMT, ATOS, DIGG, BankID, GUNET, ATOS IT.

Work package WP5 – Education and Professional Credentials

Work Package Number	WP5	**Lead Beneficiary**	1 - MINECO - SGAD
Work Package Name	Education and Professional Credentials		
Start Month	1	**End Month**	24

Objectives

Key design and implementation activities for Educational credentials and professional qualifications UC including onboarding customization and execution, interoperability preliminary tasks and identification of opportunities and synergies with domain related activities and its relation with WP2 activities. The main objectives of this WP are the following:

· ARF Onboarding proceedings analysis and adaptation for education
· Implementation of onboarding management process for educational (Q)EAA, providers and relaying parties in trusted registries
· Provision of elements to enable a hybrid scenario using the potential of the EUDIW for existing cross-border initiatives
· Implementation of onboarding management process for wallet users
· Onboarding support process execution
· Identification of business requirements, business scenarios, credentials lifecycle and interoperability requirements alignment (organizational,
legal, technical, and semantic) with special identification to eID related friction points
· Coordination with other ongoing cross-border initiatives and synergies with other educational related activities
· Comprehensive testing of defined cross-border journeys in a pre-production environment of the target systems
· Monitoring and evaluation of piloting processes (KPIs)
· LSP coordination plan execution

Description

T5.1.Business Blueprint Definition. Identification of business requirements, business scenarios, credentials lifecycle and interoperability requirements alignment (organizational, legal, technical, and semantic) with special identification to eID related friction points and cross-border dimension.

Participants: SGAD, DTU, GovPart, GRNET, GUNET, SKS, SIS, 3CL, EUF, GEANT, UPT, UProf, CGCOM, SUNET, Ladokk, RISE, NEUMANN, OPI, 123c, NASK, OPH, SIKT, CertSIGN, IntStif, CRUE, DUO, eDeliv (AE), ICI Bucaresti (AP),
AOC, UAB, UB, SOCIALSTYRELSEN (AP), UniBO, UniLille (AP), MUNI (AP), HOWEST (BEN), LINKOPING (BEN), WALT.ID (BEN), ELTE (BEN), AUTh (BEN), VMU (BEN), UMA (BEN), SAXION (BEN), HvA (BEN), UT (BEN).

T5.2.Onboarding and preliminary activities. ARF (Architecture and Reference Framework). Onboarding proceedings analysis and adaptation for education, alignment and coordination, implementation of onboarding management process for (Q)EAA providers and relying parties in trusted registries, onboarding management for wallet users and onboarding support process execution based on the a general-purpose issuer and verifier that will issue (Q)EEAs on one side and a generic verification toolkit on the other provided by WP7.
Participants: SGAD, UMU, Govpart, SURF, NEUMANN, SIKT, UEFISCDI, UPT, UProf, CGCOM, UAH, URV, UC3M, UNED, UPM, Ladok, RISE, ULusofona, UPorto, UMAIA, OPI, OPH, EUF, GEANT, ICI Bucaresti (AP), DUO, eDeliv (AE),

ICI, AOC, UAB, UB, SOCIALSTYRELSEN (AP), UniBO, HOWEST (BEN), LINKOPING (BEN), WALT.ID (BEN), ELTE (BEN), AUTh (BEN), VMU (BEN), UMA (BEN), SAXION (BEN), HvA (BEN), UT (BEN).

T5.3. Piloting execution. Comprehensive testing of defined cross-border journeys in a pre-production environment of the target systems (Piloting activity), Monitoring and evaluation of piloting processes (KPIs (Key performance indicators)) – Piloting activity, LSP (Large Scale Pilots) coordination plan execution – Piloting activity.

Participants: SGAD, Executors and element providers End-users. BEN and AE, HOWEST (BEN), LINKOPING (BEN), WALT.ID (BEN), ELTE (BEN), AUTh (BEN), VMU (BEN), UMA (BEN), SAXION (BEN), HvA (BEN), UT (BEN).

T5.4. Identification of opportunities and synergies. Coordination with other ongoing cross-border initiatives and synergies with other educational related activities: related DGs (H4, F3, EAC, EMPL), EU, Key education players.

Participants: SGAD, 3CL, SUNET, CRUE, eDeliv (AE), DTU, ICI Bucaresti (AP), AOC,UAB, UB, SOCIALSTYRELSEN (AP), Digital LU (AP), RED.ES (AP), UniBO, Digital UA (AP), Moes UA (AP), UniLille (AP), MUNI (AP), DigDir (AP),
HOWEST (BEN), LINKOPING (BEN), WALT.ID (BEN), ELTE (BEN), AUTh (BEN), VMU (BEN), UMA (BEN), SAXION (BEN), HvA (BEN), UT (BEN).

Work package WP6 – Social Security

Work Package Number	WP6	**Lead Beneficiary**	3 - DVSV
Work Package Name	Social Security		
Start Month	1	**End Month**	24

Objectives

Work Package 6 covers the key design and implementation activities for entitlement documents (PDA1, EHIC) Use Cases (UCs) including implementation of a reference architecture for social security, onboarding customization and execution for social security institutions, health care providers and public administrations, performing preliminary activities in terms of interoperability, execution of large-scale pilots as well as identification of opportunities and synergies with related activities. The overall objective for the WP6 is the preparation and implementation of a reference architecture for social security and the preparation and execution of large-scale piloting for the provision and verification of EHIC and PDA1 credentials based on this reference implementation. WP6 will focus on 4 main tasks to produce a Business Blueprint for the social security domain, an Onboarding procedure and execution, a Deployment and Testing Scenarios Results Library and a Large-Scale Pilots (LSP) final report to prove the feasibility and gain experience in implementation. These are the concrete objectives:

·The definition and implementation of a reference architecture as a blueprint for the social security domain.
·The preparation and execution of 2 large scale pilots for the issuing and validation of PDA1 and EHIC in digital form.
·The demonstration of the functionality of the EUDIW in cross-border social security context.
·The successful onboarding (incl. EBSI-Onboarding) of involved users, credential/attribute providers and relying parties in the social security
domain.
·The contribution to the development and improvement of the EUDI reference application in form of requirement descriptions.

Description

T6.1. Businness Blueprint Definition. The “Cross-Border Journeys” for issuing and verifying digital credentials representing EHIC and PDA1 documents will be specified. This includes the definition of business scenarios as well as the definition and implementation of a reference architecture required for testing and piloting in the social security domain. The common components of the reference architecture used in social security and education will be provided by WP7 through a a general-purpose issuer and verifier that will issue (Q)EEAs on one side and a generic verification toolkit on the other. Specific parts for the social security domain will be covered by the “Business Blueprint,, task. Additionally, the “Business Blueprint „ will include considerations about the credentials lifecycle, the interoperability requirements, Data Security, as well as the General Data Protection Regulation (GDPR). An alignment (organizational, legal, technical, and semantic) with initiatives in terms of “Electronic Identification, Authentication and Trust “will take place.

Participants: DVSV, SVS, Smals, BCSS, RvSZ, STAR, DRV Bund, GZD, Vecozo B.V. (AP), FFZ, ISS, GISS, Forsakingkasa, UDZS, IE, DSP, SM, BSV, KELA, REGOS, CCSS, Cleiss, Acoss, CNAM., INPS, ZUS, SVB. All BEN except GISS, RSZ, FK (AP), CBSS, KZP, Vezcozo, NFZ, SM (AP), NSSI.

T6.2. The activities for Onboarding procedure. (Including trusted registries preliminary activities). The analysis of the onboarding proceedings and the definition of necessary requirements for the Social Security domain will be performed. This ensures alignment and cooperation with expertise for providing the architecture/ backbone to support the business requirements and the deployment of services in social security (WP4). This cooperation supports the preparation of the trusted registries fulfilment, the implementation of the onboarding management process for providers and relaying parties in trusted registries as well as the implementation of onboarding management process for wallet users.

Participants: DVSV, SVS, Smals, BCSS, RvSZ, STAR, DRV Bund, GZD, Vecozo B.V. (AP), FFZ, ISS, GISS Forsakingkasa, UDZS, IE, DSP, SM, BSV, KELA, CCSS, Cleiss, Acoss, CNAM, INPS, ZUS, SVB. All BEN except GISS, RSZ, FK (AP), CBSS, KZP, Vezcozo, NFZ, NSSI.

T6.3. Testing and piloting execution. There will be comprehensive testing and piloting of defined “Cross-Border Journeys” for EHIC and PDA1 in a pre-production environment (technology) of the target systems. All business activities in a large-scale pilot within a real-life environment will be executed. Monitoring as well as evaluation of testing and piloting processes will be performed. This includes the execution of a Large-Scale Piloting plan with all piloting partners involved. A preliminary testing phase will be executed to guarantee the functionality of the reference architecture and the deployed services.

Participants: DVSV, SVS Smals, BCSS, RvSZ, STAR, DRV Bund, GZD, Vecozo (AP), FFZ, ISS, GISS Forsakingkasa UDZS, IE, DSP, SM, BSV, KELA, CCSS, Cleiss, Acoss, CNAM, INPS, ZUS, SVB. All BEN except GISS, RSZ, FK (AP), CBSS, KZP, Vezcozo, NFZ, NSSI.

T6.4. Identification of opportunities and synergies. The coordination with other ongoing cross-border initiatives and synergies with other social security related activities will be established. Special focus will be on EBSI-related activities and activities related to the digitalisation of entitlement documents (incl. EHIC digitalisation, ESSPASS) in social security.

Participants: DVSV, SVS Smals, BCSS, RvSZ, STAR, DRV Bund, GZD, Vecozo (AP), FFZ, ISS, GISS Forsakingkasa, UDZS, IE, SM, BSV, KELA, REGOS, CCSS, Cleiss, Acoss, CNAM, INPS, ZUS, SVB. All BEN except GISS, RSZ, FK (AP), CBSS, KZP, Vezcozo, NFZ, NSSI.

Work package WP7 – Integrations and development

Work Package Number	WP7	**Lead Beneficiary**	45 - SUNET
Work Package Name	Integrations and development		
Start Month	1	**End Month**	24

Objectives
Construction of an EIDAS complaint toolkit for (Q)EEA providers and its continuous integration with the wallet releases. The main objectives of this WP are the following: • Build and distribute reference open-source implementation (providers of electronic attestations of attributes – EAA, and qualified electronic attestations of attributes - QEAA) •Integration of target systems with reference open-source implementation of others •Change Management Plan Maintenance and execution The success of the EU digital wallet will depend on freely available and easy to use provider/verifier implementations. The verifier will be based on a pluggable architecture that can handle a wide range of signature mechanisms and APIs. We produce an open-source verifier that presents a standard SIOP2 interface to an RP which makes it easy to integrate the EU digital wallet in existing IAM ecosystems via a standard

OpenID Connect interface. The interoperability lab will provide a basis for rapid testing of the new EU wallet reference implementation and will
also focus on fast deployment and testing of new features as they are made available.
Technical coordination between the various pilot consortia will be critically important for the EU digital pilot. To this end WP7 will create a technical coordination activity where the other pilot consortia will be invited to participate and establish interoperability baseline specifications for relying parties and issuers.

Description
T7.1. Technical coordination. Technical coordination with other consortia. covering technical aspects of cooperation and alignment with implementation work provided in the other LSPs, thereby fostering synergies between them. Furthermore, this task will be driven by WP7 in order to give the necessary support to the more policy oriented WP3 and the more management oriented WP1 with the necessary inputs and know-how Participants: SUNET, GRNET, VM, GEANT, FNMT, ATOS. T7.2. Opensource Provider and Verifier. A general-purpose issuer and verifier will be provided by WP7 to entities involved in WP5 and WP6. Those organizations will integrate it in their existing ecosystem to issue (Q)EAAs on one side, and, in the other side, the generic verification toolkit will be extended/instantiated to perform specific business logic for a given business process. The software will follow a modular design to develop tools to enable (Q)EAAs provider and relying parties to interact with the reference implementation of the wallet. This approach will enable to develop common capabilities, specific plugins to integrate with organizations databases and services for the issuance processes and with exposed endpoints for the presentation processes, verification features, and interfaces towards the reference implementation of the wallet. Participants: SUNET, GRNET, VM, GEANT, FNMT, ATOS. T7.3. Interop Lab. Establish and operate an interoperability lab for the reference wallet and the software developed in T7.2. Participants: SUNET, GRNET, VM, GEANT, FNMT, ATOS. T7.4. Integration support. Support integration of the software within the use case groups. Participants: SUNET, GRNET, VM, GEANT, FNMT, ATOS. T7.5. WP Management. Support and management activity for WP7. Participants: SUNET, GRNET, VM, GEANT, FNMT, ATOS.

Work package WP8 – Ecosystem building, policy support and sustainability

Work Package Number	WP8	**Lead Beneficiary**	13 - VM
Work Package Name	Ecosystem building, policy support and sustainability		
Start Month	6	**End Month**	24

Objectives
The main objective of the work package is to ensure the presence of an effective ecosystem governance framework through which rules and policies are expressed in a unified format in order for cross-country ecosystem members to co-operate in a manner that builds trust within the ecosystems. The work package will use the Trust Over IP ecosystem governance framework guidelines [https://trustoverip.org/] as guiding principles for the ecosystem. governance framework development. Objectives of this work package include: · Identification and management of cross-country governing authorities for each use case to standardise business, legal, and technical policies. · Identification, management, and possible deployment of use-case specific, cross-country verifiable data registries, attribute or schema registries, and trust registries to establish the foundational trust and interoperability within the ecosystems. · Identification, management, and discovery of ecosystem members that may be functioning in different roles (e.g. (Q)EAA / PID providers, wallet providers, relying parties, verifiable data registry providers, trust registry providers) and the capabilities that they provide.

· Establishing the auditing principles and identification of possible certification programs and trust marks to ensure the overall health of the ecosystem and its members. For each of the identified areas, the work package will produce supporting materials for cross-country use-case specific ecosystems: · References to relevant standards and protocols, and guidelines for their implementation. · Manuals, instructions, and support resources for onboarding, registering, and administering new ecosystem members. · Procedures to collect recommendations based on country-level input. · Policy strategies, including functional and non-functional requirements, to fulfil the objectives. Additionally the work package will produce sustainability guidelines for the cross-border ecosystems. The guidelines will focus on following sustainability areas: · Ensuring equal and affordable access to the ecosystems. · Reuse of existing capabilities. · Ensuring research and innovation within the ecosystems. · Ensuring upgradeability of the ecosystem policies through innovations. · Maintaining the resiliency of the ecosystems against various internal or external threats.

Description
T8.1. Governing authorities. The purpose of this task is to identify the governing authorities for each use case. The purpose of governing authorities is to standardise business, legal and technical policies relevant for that use case. The task will also include the collection of existing policies maintained by the governing authorities, along with references to the processes describing how members of the governance authority are managed (e.g. onboarding, registering and administering new members). Participants: VM, NASK, ICI Bucaresti (AP). T8.2 Verifiable data registries, trust registries, and attribute / schema registries. The purpose of this task is to identify the use-case specific verifiable data registries, trust registries, and attribute / schema registries that are needed to enable the cross-country piloting of the use cases. The task also includes the collection of business, technical and legal policies associated with each registry along with the description of processes how the registries are managed. In case it is observed that some mandatory registries are missing, the task will also include the planning and deployment of the necessary registries to fill the gap. Participants: VM, NASK, ICI Bucaresti (AP). T8.3 Ecosystem members The purpose of this task is to define the processes to identify and manage ecosystem members, their roles and responsibilities, and offered capabilities for each use case. The task should produce a mechanism to discover members functioning in different roles (e.g. wallet providers, (Q)EAA providers, relying parties, trust registry providers, verifiable data registry providers) and mechanisms to interact with them along with the detailed information about the capabilities that the ecosystem members provide. Participants: VM, NASK, ICI. T8.4 Auditing principles, certification guidelines, and sustainability guidelines The purpose of this task is to identify and outline the auditing guidelines applied within the ecosystem to ensure the appropriate functioning of the ecosystem and compliance of its members with the defined criteria sets. Auditing may require ecosystem members to undergo certifications to demonstrate their compliance e.g. through trust marks. Additionally the task will outline the sustainability guidelines of the ecosystems to achieve the sustainability goals listed in the “Objectives” section of the work package. Participants: VM, NASK, ICI Bucaresti (AP).

Work package WP9 – Communications and Dissemination

Work Package Number	WP9	**Lead Beneficiary**	10 - ECCA
Work Package Name	Communications and Dissemination		
Start Month	1	**End Month**	24

Objectives
The objectives of Work Package 9 are to develop and implement a dissemination, communication, and visibility strategy in order to:

1.Promote the development and deployment of use-cases for the new European Digital Identity ecosystem in pilot sites involving both public and private sector stakeholders, which will include national agencies, public and private relying parties, attribute/credential/attestation providers, and wallet users (EU citizens and residents).
2.Ensure maximum visibility and awareness of the new European Digital Identity ecosystem, through widespread communication activities with existing stakeholders and a new wider audience, which is focused on improving citizen's access to highly trusted and secure electronic identity.
3.Develop programmes that enhance the promotion and awareness of the new European Digital Identity to align with standardisation and regulatory bodies.
4.Address social acceptability issues by carrying out target communication actions with policy makers and society.

Description
T9.1. Dissemination, Communication and Visibility plan. This task will set out the Dissemination, Communication, Visibility Plan that will be undertaken for the duration of the project. Specific target groups to outreach will be carefully considered. Participants: ECCA, 3CL, UPorto. T9.2 Dissemination activities. The project dissemination plan is based on a diverse set of activities, communication tools and channels to maximise the impact of the project results on both a short and long-term basis and involves online and off-line activities. Participants: ECCA, 3CL, UPM, UPorto. T9.3 Stakeholder management & Standarization. Development of an expert community of practice; liaison with global stakeholders; and standarisation. Participants: ECCA, 3CL, UPorto.

STAFF EFFORT

Staff effort per participant

Grant Preparation (Work packages - Effort screen) — Enter the info.

Participant	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	WP9	Total Person-Months
1 - MINECO - SGAD	96.00									96.00
2 - FNMT				12.00			38.40			50.40
3 - DVSV						49.20				49.20
4 - SVS						14.40				14.40
5 - CBSS						10.90				10.90
6 - Smals						10.90				10.90
7 - KZP						10.90				10.90
8 - DTU					19.00					19.00
9 - STAR						37.10				37.10
10 - ECCA									9.00	9.00
11 - EUF-CE					23.50					23.50
12 - OPH					62.00					62.00
13 - VM			1.38					10.00		11.38
13.1 - DVV				25.00						25.00
14 - GovPart					10.00					10.00
15 - DRV Bund						49.20				49.20
16 - GUNET		17.00		9.00	19.00					45.00
17 - CERTH			8.00							8.00
18 - GRNET S.A.			24.00		16.00		48.00			88.00

Staff effort per participant

Grant Preparation (Work packages - Effort screen) — Enter the info.

Participant	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	WP9	Total Person-Months
19 - Neumann		28.00			44.00					72.00
20 - DSP						10.90				10.90
22 - POSTE ITALIANE		41.00								41.00
23 - 123c Consulting					19.00					19.00
24 - SKS					19.00					19.00
25 - SIS					19.00					19.00
26 - 3CL					3.00				20.00	23.00
27 - GEANT				14.00	33.00		1.00			48.00
28 - SIDN Business				0.50						0.50
29 - SURF BV				2.00	15.75					17.75
30 - VECOZO						36.40				36.40
32 - SIKT					24.08					24.08
33 - CERTSIGN		16.00			19.00					35.00
34 - ICI BUCURESTI					19.00			8.00		27.00
35 - UPT					31.25					31.25
36 - UEFISCDI					12.25					12.25
37 - ATOS SPAIN SA			19.00	9.00			25.00			53.00
37.1 - ATOS IT							20.00			20.00
38 - CGCOM					31.25					31.25
39 - LOGALTY				35.35						35.35
40 - UAH					12.25					12.25

Staff effort per participant

Grant Preparation (Work packages - Effort screen) — Enter the info.

Participant	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	WP9	Total Person-Months
41 - UProf					31.25					31.25
42 - UMU					12.25					12.25
43 - UNED					12.25					12.25
44 - UPM					12.25					12.25
45 - SUNET		2.40			65.00		50.00			117.40
46 - IntSitf					19.00					19.00
47 - RISE					34.75					34.75
48 - Ladokk					34.08					34.08
48.1 - Li.U					9.00					9.00
49 - Bank ID				8.00						8.00
50 - Lusofona Uni					12.25					12.25
51 - UPORTO					35.00				7.00	42.00
52 - ISS						20.80				20.80
53 - UC3M					12.25					12.25
54 - NFZ						10.90				10.90
55 - DIGG				14.00						14.00
56 - UNIBO					12.25					12.25
57 - URV					12.25					12.25
58 - NASK			1.30		10.00			8.00		19.30
59 - OPI					80.25					80.25
60 - INCM			12.00					8.00		20.00

Staff effort per participant

Grant Preparation (Work packages - Effort screen) — Enter the info.

Participant	WP1	WP2	WP3	WP4	WP5	WP6	WP7	WP8	WP9	Total Person-Months
61 - UMAIA					12.25					12.25
62 - GZD						7.30				7.30
79 - HOWEST					9.00					9.00
80 - Walt.ID					6.15					6.15
81 - AUTh					20.00					20.00
82 - ELTE					6.00					6.00
83 - VMU					12.25					12.25
84 - UMA					20.25					20.25
85 - SAXION					12.25					12.25
86 - HvA					12.25					12.25
87 - UT					12.25					12.25
Total Person-Months	96.00	104.40	65.68	128.85	978.06	268.90	182.40	34.00	36.00	1894.29

LIST OF DELIVERABLES

Deliverables

Grant Preparation (Deliverables screen) — Enter the info.

The labels used mean:

Public — fully open (⚠ automatically posted online)
Sensitive — limited under the conditions of the Grant Agreement
EU classified —RESTREINT-UE/EU-RESTRICTED, CONFIDENTIEL-UE/EU-CONFIDENTIAL, SECRET-UE/EU-SECRET under Decision 2015/444

Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D1.1	Project Management Handbook	WP1	1 - MINECO - SGAD	R — Document, report	PU - Public	2
D1.2	Steering committee and advisory board meetings, meeting minutes	WP1	1 - MINECO - SGAD	OTHER	SEN - Sensitive	24
D1.3	Quality assurance and risk management plan	WP1	1 - MINECO - SGAD	R — Document, report	PU - Public	6
D1.4	Roadmap for the implementation of the eco-system	WP1	1 - MINECO - SGAD	R — Document, report	PU - Public	2
D1.5	Sustainability business strategy	WP1	1 - MINECO - SGAD	OTHER	PU - Public	6
D1.6	Periodic Report (I)	WP1	1 - MINECO - SGAD	R — Document, report	PU - Public	6
D1.7	Interim Report	WP1	1 - MINECO - SGAD	R — Document, report	PU - Public	12
D1.8	Periodic Report (II)	WP1	1 - MINECO - SGAD	R — Document, report	PU - Public	18
D1.9	Final Report	WP1	1 - MINECO - SGAD	R — Document, report	PU - Public	24
D2.1	SoTA Analysis	WP2	16 - GUNET	R — Document, report	PU - Public	13
D2.2	Logical and Architectural Design of the ecosystem	WP2	16 - GUNET	R — Document, report	PU - Public	22
D3.1	DC4EU Collaboration & Cooperation Strategy and Activities Report	WP3	18 - GRNET S.A.	OTHER	PU - Public	24

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
D3.2	Coordination report with eIDAS Expert Group	WP3	37 - ATOS SPAIN SA	OTHER	PU - Public	24
D4.1	Issuance and verification legal analysis	WP4	27 - GEANT	R — Document, report	PU - Public	18
D4.2	Onboarding process analysis	WP4	27 - GEANT	R — Document, report	PU - Public	18
D5.1	Business Blueprint WP5 (BBP)	WP5	1 - MINECO - SGAD	R — Document, report	PU - Public	8
D5.2	Deployment and Testing Scenarios Results Library (DTSRL)	WP5	1 - MINECO - SGAD	R — Document, report	PU - Public	22
D5.3	Initiatives mapping, documentation, and final report on LSP	WP5	1 - MINECO - SGAD	R — Document, report	PU - Public	24
D6.1	Business Blueprint WP6 (BBP)	WP6	3 - DVSV	R — Document, report	PU - Public	12
D6.2	Deployment, Testing and Piloting Scenarios Results Library (DTSRL)	WP6	3 - DVSV	R — Document, report	PU - Public	14
D6.3	The Initiatives mapping and alignment checklist	WP6	3 - DVSV	R — Document, report	PU - Public	24
D7.1	Open Source Architechture	WP7	45 - SUNET	OTHER	PU - Public	4
D7.2	IPR Policy	WP7	45 - SUNET	R — Document, report	PU - Public	4
D7.3	Interop Lab guide	WP7	45 - SUNET	R — Document, report	PU - Public	5
D8.1	Registers of governing authorities, verifiable data registries, trust registries, attribute /	WP8	13 - VM	R — Document, report	PU - Public	6

Deliverables

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Deliverable No	Deliverable Name	Work Package No	Lead Beneficiary	Type	Dissemination Level	Due Date (month)
	schema registries, ecosystem members, and guidelines for ecosystem member enrolment.					
D8.2	Ecosystem auditing, certification, and sustainability guidelines	WP8	13 - VM	R — Document, report	PU - Public	6
D9.1	Dissemination, communication and visibility plan	WP9	10 - ECCA	R — Document, report	PU - Public	24
D9.2	Dissemination final report	WP9	10 - ECCA	R — Document, report	PU - Public	24

Deliverable D1.1 – Project Management Handbook

Deliverable Number	D1.1	Lead Beneficiary	1 - MINECO - SGAD
Deliverable Name	Project Management Handbook		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	2	Work Package No	WP1

Description
Handbook including all relevant aspects related to the proposal coordination, Strategic Committee, Advisory board, scope, support, and data protection aspects.

Deliverable D1.2 – Steering committee and advisory board meetings, meeting minutes

Deliverable Number	D1.2	Lead Beneficiary	1 - MINECO - SGAD
Deliverable Name	Steering committee and advisory board meetings, meeting minutes		
Type	OTHER	Dissemination Level	SEN - Sensitive
Due Date (month)	24	Work Package No	WP1

Description
Resumé of the Steering committee meeting and meeting minutes.

Deliverable D1.3 – Quality assurance and risk management plan

Deliverable Number	D1.3	Lead Beneficiary	1 - MINECO - SGAD
Deliverable Name	Quality assurance and risk management plan		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	6	Work Package No	WP1

Description
Plan that will include the guidelines and framework to monitor the economic performance of the project and assurance policies.

Deliverable D1.4 – Roadmap for the implementation of the eco-system

Deliverable Number	D1.4	Lead Beneficiary	1 - MINECO - SGAD
Deliverable Name	Roadmap for the implementation of the eco-system		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	2	Work Package No	WP1

Description
An analysis of stakeholders and their relevance for the take-up of the Digital Identity Wallet; Legal, technical and organisational challenges, including security and data protection considerations and future standardisation needs.

Appropriate follow up should be identified; The planned organisational structure and governance procedures; Outline of the future implementation support (accompanying evaluation and monitoring activities)

Deliverable D1.5 – Sustainability business strategy

Deliverable Number	D1.5	**Lead Beneficiary**	1 - MINECO - SGAD
Deliverable Name	Sustainability business strategy		
Type	OTHER	**Dissemination Level**	PU - Public
Due Date (month)	6	**Work Package No**	WP1

Description
Setting out potential business and revenue models, including estimates on the number users expected to be able to download/share personal identification data, the EAAs, QEAAs and Credentials relevant to the usage scenarios into their Wallets;

Deliverable D1.6 – Periodic Report (I)

Deliverable Number	D1.6	**Lead Beneficiary**	1 - MINECO - SGAD
Deliverable Name	Periodic Report (I)		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	6	**Work Package No**	WP1

Description
Semi-annual report providing the state of the project based on the proposed KPIs, performance review, outcomes, participating beneficiaries in usage scenario implementation.

Deliverable D1.7 – Interim Report

Deliverable Number	D1.7	**Lead Beneficiary**	1 - MINECO - SGAD
Deliverable Name	Interim Report		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	12	**Work Package No**	WP1

Description
Interim report providing the state of the project based on the proposed KPIs, performance review, outcomes, participating beneficiaries in usage scenario implementation.

Deliverable D1.8 – Periodic Report (II)

Deliverable Number	D1.8	**Lead Beneficiary**	1 - MINECO - SGAD
Deliverable Name	Periodic Report (II)		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	18	**Work Package No**	WP1

Description
Semi-annual report providing the state of the project based on the proposed KPIs, performance review, outcomes, participating beneficiaries in usage scenario implementation.

Deliverable D1.9 – Final Report

Deliverable Number	D1.9	Lead Beneficiary	1 - MINECO - SGAD
Deliverable Name	Final Report		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	24	Work Package No	WP1

Description
Final review of the project, including its results, time reporting, conclusions, and recommendations to the European Identity ecosystem

Deliverable D2.1 – SoTA Analysis

Deliverable Number	D2.1	Lead Beneficiary	16 - GUNET
Deliverable Name	SoTA Analysis		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	13	Work Package No	WP2

Description
This deliverable will be a document with an analysis of the requirements coming from WP5 and WP6; an analysis of ARF coming from WP3 and a design of user journeys, information flows and logical architecture of the whole ecosystem. This will collect the outcomes of T2.1 and T2.2.

Deliverable D2.2 – Logical and Architectural Design of the ecosystem

Deliverable Number	D2.2	Lead Beneficiary	16 - GUNET
Deliverable Name	Logical and Architectural Design of the ecosystem		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	22	Work Package No	WP2

Description
Output for WP 5 and 6.

Deliverable D3.1 – DC4EU Collaboration & Cooperation Strategy and Activities Report

Deliverable Number	D3.1	Lead Beneficiary	18 - GRNET S.A.
Deliverable Name	DC4EU Collaboration & Cooperation Strategy and Activities Report		
Type	OTHER	Dissemination Level	PU - Public

Due Date (month)	24	**Work Package No**	WP3

Description
The document will describe: (a) the plan to drive the collaboration, cooperation, and stakeholder engagement activities of the project, including engagement activities realised with EC eIDAS Expert Group, (b) outcomes of the networking and cohesion activities, including participation in working groups and communities of practices and projects as well as results from these activities with respect to eIDAS reference wallet iterative definitions, (c) the steps and activities related to the Large Scale Pilots cooperation and coordination inside DC4EU and in other projects accepted in the call (raising awareness, cross-fertilization, networking events., etc.)

Deliverable D3.2 – Coordination report with eIDAS Expert Group

Deliverable Number	D3.2	**Lead Beneficiary**	37 - ATOS SPAIN SA
Deliverable Name	Coordination report with eIDAS Expert Group		
Type	OTHER	**Dissemination Level**	PU - Public
Due Date (month)	24	**Work Package No**	WP3

Description
Report describing the bidirectional and iterative collaboration process with eIDAS Expert Group to incorporate subsequent releases of Common Union Toolbox specifications and reference identity wallet application and provide recommendations.

Deliverable D4.1 – Issuance and verification legal analysis

Deliverable Number	D4.1	**Lead Beneficiary**	27 - GEANT
Deliverable Name	Issuance and verification legal analysis		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	18	**Work Package No**	WP4

Description
Final analysis of the legal framework regarding onboarding of PIDs, issuance and verification.

Deliverable D4.2 – Onboarding process analysis

Deliverable Number	D4.2	**Lead Beneficiary**	27 - GEANT
Deliverable Name	Onboarding process analysis		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	18	**Work Package No**	WP4

Description
Design of onboarding process for PID/DID providers and issuance and verification of attestations

Deliverable D5.1 – Business Blueprint WP5 (BBP)

Deliverable Number	D5.1	Lead Beneficiary	1 - MINECO - SGAD
Deliverable Name	Business Blueprint WP5 (BBP)		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	8	Work Package No	WP5

Description
Document regarding business requirements, scenarios and interoperability requirements and use-case governance model design

Deliverable D5.2 – Deployment and Testing Scenarios Results Library (DTSRL)

Deliverable Number	D5.2	Lead Beneficiary	1 - MINECO - SGAD
Deliverable Name	Deployment and Testing Scenarios Results Library (DTSRL)		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	22	Work Package No	WP5

Description
DTSRL (hosted in participants intranet section) with searchable contents regarding testing scenarios results and conclusions

Deliverable D5.3 – Initiatives mapping, documentation, and final report on LSP

Deliverable Number	D5.3	Lead Beneficiary	1 - MINECO - SGAD
Deliverable Name	Initiatives mapping, documentation, and final report on LSP		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	24	Work Package No	WP5

Description
Individual initiatives and activities checklists published at participants intranet section

Deliverable D6.1 – Business Blueprint WP6 (BBP)

Deliverable Number	D6.1	Lead Beneficiary	3 - DVSV
Deliverable Name	Business Blueprint WP6 (BBP)		
Type	R — Document, report	Dissemination Level	PU - Public
Due Date (month)	12	Work Package No	WP6

Description
A document regarding business requirements, scenarios, and interoperability requirements as well as use-case governance model design. It includes Business Process Specifications and Data Model, Document on System

Architecture and Specification of Configuration Process (Word Document). Business Process Notation, Business Process modelling, and Data Modelling instruments will be used.

Deliverable D6.2 – Deployment, Testing and Piloting Scenarios Results Library (DTSRL)

Deliverable Number	D6.2	**Lead Beneficiary**	3 - DVSV
Deliverable Name	Deployment, Testing and Piloting Scenarios Results Library (DTSRL)		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	14	**Work Package No**	WP6

Description
DTSRL (hosted in participants intranet section) with searchable contents regarding testing and piloting scenarios. Specifications, results, and conclusions will be delivered in Word Document (English). Business Process Notation and Business Process modelling instruments will be used.

Deliverable D6.3 – The Initiatives mapping and alignment checklist

Deliverable Number	D6.3	**Lead Beneficiary**	3 - DVSV
Deliverable Name	The Initiatives mapping and alignment checklist		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	24	**Work Package No**	WP6

Description
The individual initiatives, activities and checklists will be maintained at participants intranet section (English). Final report on methodology and best practices will be delivered in Word Document (English). Business Process Notation, Business Process modelling instruments will be used.

Deliverable D7.1 – Open Source Architechture

Deliverable Number	D7.1	**Lead Beneficiary**	45 - SUNET
Deliverable Name	Open Source Architechture		
Type	OTHER	**Dissemination Level**	PU - Public
Due Date (month)	4	**Work Package No**	WP7

Description
A description of the opensource implementation strategies

Deliverable D7.2 – IPR Policy

Deliverable Number	D7.2	**Lead Beneficiary**	45 - SUNET
Deliverable Name	IPR Policy		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	4	**Work Package No**	WP7

Description
An IPR (OpenSource) policy for the project.

Deliverable D7.3 – Interop Lab guide

Deliverable Number	D7.3	**Lead Beneficiary**	45 - SUNET
Deliverable Name	Interop Lab guide		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	5	**Work Package No**	WP7

Description
Interoperability guide document written to explain how stakeholders can participate in the interoperability lab.

Deliverable D8.1 – Registers of governing authorities, verifiable data registries, trust registries, attribute / schema registries, ecosystem members, and guidelines for ecosystem member enrolment.

Deliverable Number	D8.1	**Lead Beneficiary**	13 - VM
Deliverable Name	Registers of governing authorities, verifiable data registries, trust registries, attribute / schema registries, ecosystem members, and guidelines for ecosystem member enrolment.		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	6	**Work Package No**	WP8

Description
Register of governing authorities for each use case. Register of verifiable data registries, trust registries, and attribute / schema registries needed to fulfil the cross-border use case piloting. The registers will also contain the associated business, legal, and technical policies. Discoverable register of ecosystem members that offers visibility to the member roles and responsibilities, capabilities, and ways how to interact with them. Additionally guidelines are provided how ecosystem members should be managed in an effective manner.

Deliverable D8.2 – Ecosystem auditing, certification, and sustainability guidelines

Deliverable Number	D8.2	**Lead Beneficiary**	13 - VM
Deliverable Name	Ecosystem auditing, certification, and sustainability guidelines		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	6	**Work Package No**	WP8

Description
Auditing, certification, and sustainability guidelines for ecosystem members.

Deliverable D9.1 – Dissemination, communication and visibility plan

Deliverable Number	D9.1	**Lead Beneficiary**	10 - ECCA
Deliverable Name	Dissemination, communication and visibility plan		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	24	**Work Package No**	WP9

Description
Final report on execution of all dissemination activities including impact analysis PDF format

Deliverable D9.2 – Dissemination final report

Deliverable Number	D9.2	**Lead Beneficiary**	10 - ECCA
Deliverable Name	Dissemination final report		
Type	R — Document, report	**Dissemination Level**	PU - Public
Due Date (month)	24	**Work Package No**	WP9

Description
Final report on execution of all dissemination activities including impact analysis PDF format – English

LIST OF MILESTONES

Milestones

Grant Preparation (Milestones screen) — Enter the info.

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
1	Governance model definition	WP1	1 - MINECO - SGAD	Publication	3
2	Release of the quality assurance and risk management plan (first version)	WP1	1 - MINECO - SGAD	publication (first version)	6
3	Interim report submission	WP1	1 - MINECO - SGAD	Publication (M12 version)	12
4	Release of the quality assurance and risk management plan (version 2)	WP1	1 - MINECO - SGAD	Publication (second version)	18
5	Final report submission	WP1	1 - MINECO - SGAD	publication (M24 version)	24
6	Completion of the SoTA and ARF Analysis	WP2	16 - GUNET	D.2.4. SOTA Analysis	13
7	Logical and Architectural Design of the ecosystem	WP2	16 - GUNET	D.2.2. Logical and Architectural Design of the ecosystem	7
8	Design of the adoption plan	WP2	16 - GUNET	Final plan publication	9
9	Definition of the DC4EU Collaboration and Cooperation Strategy.	WP3	18 - GRNET S.A.	Report checked against foreseen and achieved KPIs.	3
10	Coordination activities with EC eIDAS Expert Group.	WP3	18 - GRNET S.A.	Online list of activities (maintained on the DC4EU project web page).	12
11	Liaison Activities, Cross-Border Collaborations, Associated Stakeholders Initiatives and Policy Actions.	WP3	18 - GRNET S.A.	Online list of activities (maintained on the DC4EU project web page).	12
12	DC4EU Large Scale Pilots	WP3	18 - GRNET S.A.	Online list of activities (maintained on the DC4EU project web page).	12
13	Onboarding legal analysis	WP4	27 - GEANT	D4.1	4
14	Issuance legal analysis	WP4	27 - GEANT	D4.1	6

Milestones

Grant Preparation (Milestones screen) — Enter the info.

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
15	ID information guidelines	WP4	2 - FNMT	D4.2	8
16	Attestation's guidelines	WP4	27 - GEANT	D4.2	10
17	Onboarding management process	WP4	2 - FNMT	D4.2	10
18	Issuance and verification design	WP4	27 - GEANT	D4.2	12
19	Completion of deliverable for work packages 2, 4, 7	WP5	1 - MINECO - SGAD	Technical and reference use case and workflows	9
20	Onboarding processes customized and executed	WP5	1 - MINECO - SGAD	Result report for the onboarding process with QEAA providers and wallet users	13
21	1st user journey roll-out. DG-EMPL Europass EUDI alignment report	WP5	1 - MINECO - SGAD	Deployment and results report for first testing scenario	13
22	All user journeys rolled out	WP5	1 - MINECO - SGAD	Deployment and results report for testing testing scenario	22
23	The Business Blueprint is completed	WP6	3 - DVSV	The technical reference architecture specification and implementation, the reference use cases documentation, as well as the workflows documentation for the piloting in social security are validated.	12
24	The onboarding processes is customized and executed.	WP6	3 - DVSV	The onboarding process of all participants is performed.	12
25	The First Large Scale Pilot scenario is launched	WP6	3 - DVSV	The deployment and results report for preliminary tests and first large-scale pilot testing are validated and issued.	14
26	Last Large Scale Pilot scenario is launched	WP6	3 - DVSV	The deployment and results report for all large-scale pilot testing (both use-cases) are validated and issued.	20

Milestones

Grant Preparation (Milestones screen) — Enter the info.

Milestone No	Milestone Name	Work Package No	Lead Beneficiary	Means of Verification	Due Date (month)
27	Verifier released	WP7	45 - SUNET	Software available on public opensource repositories	6
28	Issuer released	WP7	45 - SUNET	Software available on public opensource repositories	12
29	Interop Lab established	WP7	45 - SUNET	Working principles for the interop lab established and published .	5
30	Pilot design complete	WP8	13 - VM	D8.1	6
31	Pilot phase 1 complete	WP8	13 - VM	WP5, WP6, WP8 contributions to mid-report	13
32	Pilot feedback analysis complete	WP8	13 - VM	Final report	23
33	Pilot results dissemination complete	WP8	13 - VM	Final report	24
34	Dissemination plan	WP9	10 - ECCA	D9.1	12
35	Dissemination mid-term report	WP9	10 - ECCA	Publication of report	12
36	Dissemination final report	WP9	10 - ECCA	D9.2	24

LIST OF CRITICAL RISKS

Critical risks & risk management strategy

Grant Preparation (Critical Risks screen) — Enter the info.

Risk number	Description	Work Package No(s)	Proposed Mitigation Measures
1	The Architecture reference framework is delayed. (Probability: medium / Impact: high).	WP2	Rely on the last available draft and simultaneously monitor the reference community for early access to documentation.
2	The EUDIW MVP will not be ready. (Probability: medium / Impact: High).	WP3	Coordinate all WPs in order to be ready for the release.
3	The analysis of the EUDIW is delayed. (Probability: low / Impact: medium)	WP4, WP5, WP6, WP7	Start possible work based on pre-existing solutions and ARF-related information.
4	The EUDIW cannot support the expected technological stack in the earliest version. (Probability: medium / Impact: high).	WP4, WP5, WP6, WP7	Start work that is not technology-related / dependant and introduce alternative technologic solutions pending the next iterative release.
5	The EUDI reference implementation will not be ready. (Probability: high / Impact: high)	WP4, WP5, WP6, WP7	Use an agile (“phased approach”) to align with the EUDIW release calendar and WP7.
6	The institutions, private companies, or public services for the issuing or verifying of credentials will not be ready. (Probability: low / Impact: high).	WP5, WP6	Establishment of a core group responsible for the technical implementation (“Interfacing”) as well as support and maintenance for the piloting institutions.
7	There is a shortage of wallet users to participate in the piloting phase. (Probability: low / Impact: medium).	WP5, WP6	Design and execution of an agile test- and piloting plan. Synergies between WPs 5 & 6.
8	Ability to add sufficient staff and resources. (Probability: low / Impact: medium).	WP7	Several of the organizations involved in WP7 are large organizations with a lot of own staff resources. Combined with existing framework contracts which can be used to add direct contract resources.
9	Specifications and/or the reference wallet implementation are delayed or not fully in place. (probability: medium / impact: vmedium).	WP8	Close collaboration with the EC and EUDI Toolbox to align schedules and timelines.

Critical risks & risk management strategy

Grant Preparation (Critical Risks screen) — Enter the info.

Risk number	Description	Work Package No(s)	Proposed Mitigation Measures
10	EUDI reference wallet does not integrate natively with the EBSI based trust infrastructure. (probability: low / impact: medium).	WP8	Close collaboration with EC and EUDI Toolbox to ensure interoperability between the wallet implementation and EBSI trust infrastructure.
11	Inability of work package leaders and executors to commit the necessary resources. Participants leaving the consortium (probability: medium / impact: high).	WP8	Ensure there are sufficient number of resources available and incentivize the participants to continuously take part in the consortium work.
12	Missing national legal or trust frameworks. (probability: medium / impact: medium).	WP8	Ensure transparency and open communications to member states to ensure that they have the necessary capabilities in place for the ecosystem governance and trust infrastructure.
13	Lack of impact in the dissemination of the consortium's activities. (Probability: low / impact: medium).	WP9	Important presence of Member States' public bodies in WP9 can actively contribute to the dissemination in their respective countries and have influence in Pan-European communication networks.
14	Lack of impact in the relevant expert domains (probability: low / impact: low).	WP9	Creation of communities of practice.
15	Lack of resources and funding due to an extension of the project. (probability: medium / impact: medium).	WP8, WP5, WP6, WP7, WP1, WP9	Amend the grant in coordination with the EC to include the necessary resources.
16	Participants leave the consortium or have disputes with other beneficiaries (probability: medium / impact: high)	WP1	The Strategic Committee will solve disputes and decide on contingencies and consequences related to participants dropping out or onboarding the consortium.

ANNEX 1

Digital Europe Programme (DIGITAL)

Description of the action

Part B

Version 1.0
10 April

DESCRIPTION OF THE ACTION (PART B)

HISTORY OF CHANGES	
Version (Date)	31/03/23
1.0	Initial version (based on the proposal) provided by the consortium
1.1.	**PART A changes:** • **Changes in the consortium composition:** - 3 partners withdrew from the Action: o FUNDATIA PENTRU CULTURA SI INVATAMANT IOAN SLAVICI (RO) o ADMINISTRACAO CENTRAL DO SISTEMA DESAUDE IP (PT) o MINISTRSTVO ZA GOSPODARSKI RAZVOJ IN TEHNOLOGIJO (SI) - Impresa Nacional - Casa da Moneda (INCM) was added to the consortium as a beneficiary. • **Change of roles within the consortium:** - 4 entities change the status from the Partner/Affiliated Entity to Associated Partner. This change concerns: o CONFERENCIA DE RECTORES DE LAS UNIVERSIDADES ESPAÑOLAS ASOCIACION o MINISTERIO DE INCLUSIÓN, SEGURIDAD SOCIAL Y MIGRACIONES o OFFICE NATIONAL DE SECURITESOCIALE*RIJKSDIENST VOOR SOCIALE ZEKERHEID LANDESAMT FUR SOZIALE SICHERHEIT ONSS RSZ LSS o THE SWEDISH SOCIAL INSURANCE AGENCY FORSAKRINGSKASSAN (FK) - FINNISH NATIONAL AGENCY EDUCATION (OPH) was changed from the affiliated entity to Partner. - Distribution of tasks/budget between the partners: - WP 1: o Clarifications about the funding allocated to the coordinator inserted in the WP description. o Mandatory deliverables from the call added. - WP 2: o WP lead transferred to GUNET (instead of Poste Italiana), budget adjusted accordingly. - WP 3: o INCM added to this WP, budget adjusted accordingly. - WP 4: o GUNET added to this WP, budget adjusted accordingly. - WP 5: o University of Porto (Uporto) and GovPart have changed their PMs effort, budget adjusted accordingly. - WP6: o Budget decreased due to the changes in the consortium composition (for RSZ, GISS, FK, ACSS). - WP7: o MS7.1 changes name to issuer released o MS7.2 changes due date to M12

	- WP8:
	  o INCM added to this WP, budget adjusted accordingly.
	
	- WP 9:
	  o UPorto added to this WP, budget adjusted accordingly.
	  o ECCA reduced the personnel costs but added subcontracting and equipment costs
	  o 3CL increased the purchase costs (reduced personnel costs)
	
	• Comments from ESR were addressed in Annex 1, part A as follows:
	- WP 2:
	  o Deliverables and milestones were inserted.
	  o T2.3 was updated to indicate that it will produces outputs for WPs 5 and 6
	- WP 5: Tasks were renumbered
	- WP 7:
	  o Clarifications were added for the *"general-purpose issuer and* verifier" under Task 7.2 and cross-referenced in WP5 and WP6 task descriptions (T6.1 and T5.2).
	  o Additional deliverable on Interoperability lab was added.
	  o Task T.7.1 description updated to indicate how technical coordination of this WP complement WP 3.
	
	- Additional risk was added (#17) and the impact and likelihood of occurrence was added for all risks. One duplicate risk was removed.

	Annex 1 Part B • Changes in the consortium composition, roles and distribution of tasks as reported under part Annex 1, Part A were adjusted accordingly also in Annex 1, Part B • Table on KPIs was moved from section 2.1. to section 3.1 and updated with the information on targets. • Subcontracting table: ▪ Table was updated to clarify the tasks to be subcontracted and the justifications for the best value for money. Subcontracting table was simplified by aggregating the same contracts. ▪ SURF shifted the costs from purchasing to subcontracting. ▪ ECCA subcontracting costs were added. ▪ OPI subcontracting costs were reduced in 44.400€, the remaining budged is allocated to the coordinator. • Purchase table added • Comments from ESR were addressed in Annex 1, part B as follows: ▪ A table specifying which Member States will issue the wallet, the number of credential issuers and relying parties was included in section 1.1 (together with introductory paragraph). ▪ A short section was added to section 2.1 (Maturity) to substantiate synergies with EBSI and confirming project's openness for considering alternative technologies.

	HISTORY OF CHANGES
Version	10/04/24 - Amendment
	PART A changes: - Changes in the consortium composition: - Addition of new beneficiaries: 9 entities enter consortium: o HOWEST in WP 5. o Walt.ID (Walt.ID) in WP5. o Eötvös Loránd University (ELTE) in WP5. o Aristotelio Panepistimio Thessalonikins (AuTH) in WP5. o Vytautas Magnus University (VMU) in WP5. o Universidad de Málaga (UMA) in WP 5 o SAXION University (SAXION) in WP 5. o University of Amsterdam (HvA) in WP5. o University of Twente (UT) in WP5. - Addition of affiliated entities (AE): 2 entities enter the consortium: o ATOS IT added as AE of ATOS ES (in WP3 and WP4). o LINKÖPING UNIVERSITY (Li.U) added as AE UMEA UNIVERSITET (Ladokk) in WP 5. - Addition of Associated Partners: 12 APs enter the consortium): o DIGDIR. (remains assigned to the same WP) o STITUTO NAZIONALE DELLA PREVIDENZA SOCIALE (INPS) in WP6. o Sociale Verzekeringsbank (SVB) in WP 6. o ZAKLAD UBEZPIECZEN SPOLECZNYCH (ZUS) in WP 6. o Centre des Liaisons Européennes et Internationales de Sécurité Sociale (Cleiss's) in WP6 o NATIONAL HEALTH INSURANCE FUND (CNAM) in WP6. o Central Agency of Social Security Institutions (Acoss/Urssaf) in WP6. o Centre Commun de la Sécurtié Sociale (CCSS) in WP6 o Sredisnji registar osiguranika (REGOS) in WP6. o KANSANELAKELAITOS (KELA) in WP6. o Federal Social Insurance Office - FISO (BSV) in WP6. o SOTSIAALMINISTEERIUM (SM) in WP6. - Beneficiary terminations (3 Beneficiaries participation is terminated, one of them specifically changing their role): o DIGITALISERINGSDIREKTORATET (DIGDIR). o ISTITUTO POLIGRAFICO E ZECCA DELLO STATO SPA (IPZS). o SIDN

	o BV. - Change in the WP description: o WP4: IPZS, SIDN BV removed. LOGALTY assumed IPZS tasks. o WP3: IPZS removed, o WP 5: HOWEST, Walt.ID, ELTE, AUTH, VMU, UMA, SAXION, HvA, UT assigned to respective tasks in WP5. LINKÖPING UNIVERSITY (Li.U) added as AE of Laddok. o WP 6: BSV.ADMIN, INPS, SVB, ZUS assigned to respective tasks. o WP7:SIDN removed,IPZS removed, SUNET to take over related tasks in subsequent amendment. - Changes in the Staff Efforts adjusted accordingly. **Annex 1 Part B changes:** - Changes in the consortium composition, roles and distribution of tasks as reported under part Annex 1, Part A were adjusted accordingly also in Annex 1, Part B (when necessary);). - Consortium cooperation and division of roles uipdated accordingly to strike drop-outs and correction of a description. - Project teams and staff table updated accordingly to new onboardings. - Dissemination and communication of the project table reformatted and page layout adapted for a more comprehensible document. - Subcontracting table updated: IPZS and FNMT removed. - Purchases and equipment table updated. **Annex 2:** Budget changes (tracked by BEN number #): - #1 SGAD: o Budget is transferred from SGAD to the newly onboarded entities: HOWEST, Walt.ID, VMU, UMA for the whole budget, to AUTH to cover travel costs and to ELTE to cover equipment costs. o Budget is transferred to KZP 100.280,00€. o SIDN remaining contribution is temporarily reallocated to SGAD (99.749,87€) pending the consortium decision on the reallocation of the tasks. o Reallocates 40.000€ from C (purchase costs) to A (personnel). o Travel budget of IPZS 42.000€ moved to Personnel costs of SGAD o SGAD total budget passes from 1.287.922,55 € to 1.011.603,83€ - #2 FNMT: Reallocated 150.000€ B. subcontracting costs to personnel costs.

	- #7 KZP: Personnel budget increases to100.280,00€ (transferred from SGAD) - #11 EUF: Transferred personnel costs to ELTE (21.036,00€) and AUTH (107.000,00€) - #18 GRNET: Receives 9.003,00€ personnel costs from IPZS - #21 IPZS: 148.858,50€ personnel from WP4 will be assumed by LOGALTY; 9.003,00€ personnel in WP3 assumed GRNET; 99.239,00€ in personnel costs + 142.000€ in subcontracting costs would be assumed by SUNET; and 42.000€ of Travel costs asummed on Personnel costs by SGAD Remaining Budget: 0 €. - #28 SIDN: Total remaining direct costs of SIDN (99.749,87€excluding incurred costs) are temporarily assigned to SGADpending the consortium final decision on the reallocation of the tasks. Incurred costs left on SIDN budget (6.099,14€) - #29 SURF: transferred budget to other NL new onboarded entities (SAXION, HvA and UT) for the amount of 357.609,78) - #37 ATOS: Transfers 84.800,00€ to new AE Atos IT. - #39 LOGALTY: Receives 148.858,50€ personnel costs from IPZS assuming respective tasks. - #45 SUNET: Receives 99.239,00€ A3 personnel costs and 142.000,00€ subcontracting from IPZS - #48 Ladokk: Transfers 65.700,00€ personnel costs to new AE Li.U - #79 – HOWEST (new onboarding): budget assigned from SGAD (€71.668,60 of total costs). - #80 – WaltID (new onboarding): budget assigned from SGAD € 64,863.40 of total costs). - #81 Auth (new onboarding): received 107.000,00€ personnel costs from EUF and 5.350,00€ travel costs from the SGAD. - #82 ELTE (new onboarding): received 21.036,00€ personnel costs from EUF and 11.000,00€ equipment from SGAD. - #83 VMU (new onboarding): budget assigned from SGAD (€77,708.75 of total costs) - #84 UMA (new onboarding): budget assigned from SGAD (€ 144,125.58 of total costs) - #85 SAXION (new onboarding): budget assigned from SURF (€117,123.54 of total costs) - #86 HvA (new onboarding): budget transferred from SURF (€) 120,243.12 of total costs) - #87 UT (new onboarding) : budget transferred from SURF (€ 120,243.12 of total costs)

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1. RELEVANCE

1.1 Objectives and activities

Objectives and activities

Describe how the project is aligned with the objectives and activities as described in the Call document.

How does the project address the general objectives and themes and priorities of the call? What is the project's contribution to the overall Digital Europe Programme objectives?

Europe is facing unprecedented changes, in which digital transformation and the green transition are two key backbones of Europe's future. The eIDAS trust framework is undoubtedly one of the pillars of the European Union, which has laid the foundations of identity and trust in the digital world. The revision of this framework extends its scope of competence beyond identity, encompassing the electronic attestation of attributes (EAA). Establishing the technical measures, the processes and procedures for establishing trust frameworks in sectoral areas will be key to the construction of Europe. In this sense, **DC4EU** will focus on identifying and applying all these aspects in the fields of **Education (Ed) and Social Security (SS).** Specifically, the issuance of **educational credentials and professional qualifications** in the Ed sector, and the issuance of the **portable document A1 (PDA1) and the European Health Insurance Card (EHIC)** in the SS sector.

The **European Digital Identity Wallet (EUDIW)** will be a key element of hybridization for cross-sectoral and cross-border use cases (Identity, Signature, educational credentials and Social Security). Beyond the development of the **Large Scale Pilots (LSPs)** and the recommendations for issuing institutions, relying parties, Member States (MS) and citizens, DC4EU will contribute to new paradigm to citizens in the field of education and social security, fully aligned conclusions of the State of the Union address (091620) and European Council Conclusions (100220) for identity and data, the European Declaration on Digital Rights and Principles for the Digital Decade and to once only principle (enabling the citizens perspective).

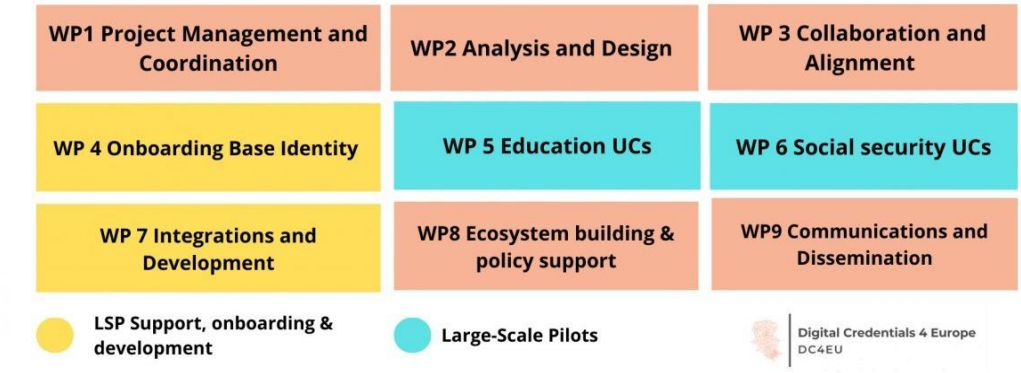
The project's main objective is to support **cross-border, large-scale piloting of the EUDIW** in compliance with the EU Toolbox process by 99 organizations from 25 countries (22 EU MS + Norway, Switzerland and Ukraine). For this purpose, it will develop 4 use cases (UCs) for educational credentials, professional qualifications (Ed UCs), Portable Documents A1 (PDA1) and EHIC from the social security domain (SS UCs). Interoperability and scalability will be tested in the national domain and in multiple cross-border contexts, with the purpose of providing **feedback** to the European Commission (EC) and MSs for iterative updates through specific coordination work packages, project management processes and tasks. Furthermore, the involvement of public stakeholders and organizations belonging to the private sector provides the 4 States with the requisite data and analysis to facilitate the necessary expertise and infrastructure that may in turn provision Wallets, as well as the elements (opensource issuer and verifier) and necessary conditions for the issuance and verification of electronic attestations.

The project benefits from the **affordances of scale** by including **wallet issuing** organizations, **credential issuers** and **relying parties**, correspondingly involving various Qualified Trust Service Providers, Trust Service Providers and authentic sources. This will allow for comprehensive testing of the wallet using **Qualified Electronic Attestations of Attributes** (QEAA), Electronic Attestations of Attributes (EAA) and credentials and their national and cross-border functionalities in a pre-production environment.

To that extent, the project will be divided in **9 work packages** (WPs) with the overall objective of fulfilling comprehensive testing of the EUDIW through the LSPs. Pilots focused on a set of use-case scenarios will be implemented by two work packages, one for the Ed domain (WP5) and another for SS (WP6), with the correspondent UCs. These WPs will be supported by WP4 (assistance in the onboarding process) and WP7 (fulfilling all development tasks), with prior analysis by WP2. WP3 will oversee all internal and external collaboration and alignment, WP8

Ed UCs	Educational credentials to support lifelong learning (including primary, secondary, higher education, TVET, micro-credentials)
	Non-foundational IDs (e.g., European Student Identifier(ESI), MyAcademicID, InAcademia)
	Professional qualifications
	In addition, and to have a real impact, especially in cross-border mobility, a set of elements will be developed to allow the interaction of the EUDIW with existing mobility services (European Student Initiative, European Digital Credentials, Europass, European Learning Model, eduGAIN, Erasmus Without Paper services, EMREX, ELMO)
SS UCs	PDA1 (portable documents A1)
	EHIC (European Health Insurance Card)

focuses on ecosystem and policy support, WP9 is in charge of dissemination and WP1 will develop a comprehensive governance model and coordination.



The project will **contribute to the implementation of Digital Europe's programme and specific objectives**, strengthening the Union's capacities through digital large-scale deployments, as well as the relevance, implementation and impact objectives foreseen in the call fiche. It provides tangible support to the public and private sector in the educational and social security domains, deploying and accessing state-of-the art trans-European interoperable digital service infrastructures, and **their integration in a cross-border trust framework** with high levels of assurance through the large-scale pilots. The project will **facilitate the development and use of solutions and frameworks** by public administrations, businesses, and citizens in 22 MS (and 3 third countries) through easy and ubiquitous access to **testing and piloting of digital technologies** and their cross-border use. In the process, it will facilitate a pan-European expert **community of practice** and **assist public administrations** to significantly improve the range and quality of services for citizens and businesses. Importantly, the project will support the EU's ongoing aspirations to build a trusted digital infrastructure based on EBSI's distributed ledger technologies, thus contributing to the **maximization of ongoing EU investment in infrastructure for the public good.**

The organizations listed below that will fulfill the roles stated in the call for proposals (Wallet Issuer, Credentail Issuer, Relying Party). The project has identified issuers and relying parties and has foreseen the necessary resources in order to carry out the verification process. Furthermore, there is an important presence of Qualified Trust Service Providers to issue the wallet and relevant educational and social security institutions that will act as relying parties and verifiers in most Member States. In those MS in which there could be a possible risk of not having the necessary roles or users (see critical risk n.8), there could be collaboration between LSPs to complement projects and have all roles available in all MS and projects.

MS	Wallet Issuer (WI)	Credential Issuer (CI)	Relying Party (RP)
Austria	N/A	DVSV (BEN)	DVSV (BEN) SVS (BEN)
Belgium	Walt.ID	ONSS (AP)	Smals (BEN) ONSS (AP) HOWEST
Czech Republic	N/A	KZP (BEN)	KZP (BEN)
Denmark	N/A	STAR (BEN)	STAR (BEN) DTU (BEN)
Ireland	N/A	DSP (BEN)	DSP (BEN)
Italy	N/A	INPS (AP)	INPS (AP)
Luxembourg	N/A	DigitalLU (AP)	UEF (BEN)
Finland	DVV (AE)	DVV (AE) OPH (BEN) VM (BEN) KELA (AP)	OPH (BEN) KELA (AP)
France	N/A	CCSS (AP) CLEISS (AP) ACOSS (AP) CNAM (AP)	UniLille (AP) CCSS (AP) CLEISS (AP) ACOSS (AP) CNAM (AP)
Germany	N/A	DRVBund (BEN)	GZD (BEN) GovPart (BEN)
Greece	GUNET (BEN)	GRNET (BEN) GUNET (BEN)	GRNET (BEN) GUNET (BEN) AUTH (BEN)
Hungary			ELTE (BEN)
Italy	Poste (BEN)	Poste (BEN)	UniBO (BEN)
Lithuania	N/A	N/A	VMU
Netherlands	N/A	SURF (BEN)	SURF (BEN)

		GEANT (BEN) SVB (AP)	GEANT (BEN) SAXION, HvA, UT (BEN) SVB (AP)
Norway	N/A	SIKT (BEN) Digdir (BEN)	SIKT (BEN)
Poland	N/A	Nask (BEN) OPI (BEN) NFZ (BEN) ZUS (AP)	Nask (BEN) OPI (BEN) NFZ (BEN) ZUS (AP)
Portugal	N/A	ISS (BEN) UMAIA (BEN) ULusofona (BEN) Uporto (BEN)	ISS (BEN) UMAIA (BEN) ULusofona (BEN) Uporto (BEN)
Romania	CertSIGN (BEN)	ICI (BEN) UEFESCDI (BEN)	ICI (BEN) UEFESCDI (BEN) UPT (BEN)
Slovenia	N/A	MEDT (BEN)	N/A
Spain	FNMT (BEN)	CGCOM (BEN) AOC (BEN) GISS (AP) SGAD (BEN)	CGCOM (BEN) AOC (BEN) GISS (AP) SGAD (BEN) UProf (BEN) UAH (BEN), UMU (BEN) UNED (BEN), UPM (BEN) UC3M (BEN), URV (BEN) UAB (AP), UB (AP) UMA (BEN)
Sweden	DIGG (BEN)	FK (BEN) IntStig (BEN) RISE (BEN) Ladokk (BEN) SocialSE (AP)	Ladokk (BEN) SocialSE (BEN)
Ukraine	N/A	DigitalUA (AP)	MOESUA (AP)

		MOESUA (AP)		

1.2 Contribution to long-term policy objectives, policies and strategies — Synergies

Contribution to long-term policy objectives, policies and strategies — Synergies

Describe how the project contributes to long-term policy objectives of the call's domain/area and to the relevant policies and strategies, and how it is based on a sound needs analysis in line with the activities at European and national level. What challenge does the project aim to address? The objectives should be specific, measurable, achievable, relevant and time-bound within the duration of the project.

The **general objective will be to fulfil the large-scale piloting of the EUDIW** with the aim of achieving the **highest impact possible**. To this extent, the **objective's achievement will be measured** on the basis of number of wallet issuing countries involved, number of wallet users, involvement of education and social security domain-related institutions, wallet transactions fulfilled, qualified electronic signatures issued and number of countries that will interface the wallet in pre-production systems.[1]

The project will enable the **deployment of large-scale pilots** that are necessary for the development, testing, validation (through iterative releases) and implementation of the new EUDIW, a key component of the future eIDAS Regulation. The inclusion of public and private stakeholders in the consortium, an experienced, multi-disciplinary Strategic Committee and a public policy based advisory board will contribute to a significant **increase in the number of stakeholders in the eIDAS ecosystem**, with the possibility to **scale impact**, meeting the objective of the Commission's Strategy on Shaping Europe's Digital Future for future regulation to extend eIDAS' application.

Furthermore, the project will provide a much-needed updated **and flexible approach to attributes of identity**, as currently defined in Regulation 910/2014. It will **address the shortfalls** created by the existing lack of specific attributes by domains, by deploying specific, relevant large-scale Pilots in the education and social security sectors. Additionally, the involvement of 22 Member States (plus Norway, Switzerland and Ukraine as observer) in cross-border use cases and the **local and high-level impact focus** of the project will help **advance electronic identification systems and notification schemes**, helping the future regulatory frameworks achieve their potential in terms of **effectiveness** by improving the current low uptake and limited coverage of notified eID schemes (59% of the population) in the European Union. To that end, it will successfully **enable cross-border recognition of government electronic identification** through Qualified Electronic Attestations of Attributes with material legal effect, as set out in the Commission Recommendation of 3-6-21. With the assistance of trust services, this will contribute to the promotion of key public services and strengthen competition in the single market. The piloting of the EUDIW will be aligned with the Commission's proposal adopted to amend the eIDAS Regulation, offering users a personal digital wallet, under their full control, without the issuers being able by design to collect information outside the realms of what is necessary for the provision of service, reinforcing the GDPR principle of data minimization and realizing the objective of achieving a user-controlled identity set in the Commission's 2030 Digital Compass.

2. IMPLEMENTATION

2.1 Maturity

Maturity

Explain the maturity of the project, i.e. the state of preparation and the readiness to start the implementation of the proposed activities.

The project involves 99 relevant institutions form 25 countries and backed by public organizations, entities and agencies, with significant and relevant expertise in the areas pertinent to this call. **Issuing entitlement documents** like PDA1 or EHIC and **diplomas and professional credentials** in an analogue manner is **standard procedure for the education and social security institutions** involved. The general business processes for providing credentials to citizens and validating these in a transnational setting are well known and fairly mature in Europe. This **maturity on the business level** is fundamental in providing an opportunity to **transform long-standing processes** into a digital, verifiable, tamper-proof version using a reference architecture and a wallet as the business front-end. Additionally, most countries already have experience in **providing digital credentials** to citizens using containers like a wallet. The general-purpose verifier that will be built will be capable of supporting the various technology stacks expected to be deployed; it will use Identity Python (idpy.org), and contain mature, stable and widely deployed implementations for both SAML and OpenID Connect. The **maturity and readiness level are high** for all the initial goals of integration and development highlighted in WP7, enabling initial versions to be available for other work packages in a very quick timeframe, based on the analysis performed in WP2 and previous work in WP4. The **release of the EUDIW is critical for the early outputs** of the project.

EBSI as a trusted registries source based on ledger technologies, offers repositories of information that will facilitate the verification of digital credentials, and by extension, how to trust in the actions performed by the participants in the EUDI wallet ecosystem. Security properties such as integrity, authenticity and non-repudiation are included within trust scope. Trusted registries are provided by services that notarize the information required to enable trust. It offers the following non-functional requirements which are desirable for a trusted list source: Resilience, avoiding single point of failure, highly availability and performance, trustable, implemented in a common format, easy access and to share, human readable if necessary, machine-readable format if necessary, scalable, secure, privacy by design: Decoupling issuance (attestation / PID providers) from verification.

Furthermore, it offers the following functional requirements: Multi Use Case (UC) - oriented to support requirements of different use cases and implementation of chronological proof of historical information, able to support all educational and social security credentials lifecycle, able to support Educational and Social Security governance from a business perspective (roles, entitlements, etc.) also supporting quality assurance regime.

Alongside EBSI, the project will be open to consider the use of other distributed ledger technologies or decentralized solutions where necessary to meet the goal of reaching a pre-production state and completing comprehensive testing that demonstrates a readiness to go into production. In such scenarios, the project will engage with the Commission to discuss and agree the alternative technologies or solutions that would be used",

If necessary, DC4EU can always provide a decentralized database to support trust lists, or legacy trust lists supported by traditional file systems, but those solutions will not provide the added value and enhanced availability/continuity/privacy improvements that a decentralized solution based on an electronic ledger will provide.

Regarding the governance framework, the project will build on eIDAS trust lists and EBSI and eSSIF programs, which provide mechanisms to the different stakeholders (such as governing authorities, verifiable data registries and ecosystem members.)

Auditing principles and certification guidelines will take advantage of existing standards from ENISA and similar organizations that have pre-existing capabilities to ensure security compliance of trust services.

2.2 Implementation plan and efficient use of resources

Implementation plan

Show that the implementation work plan is sound by explaining the rationale behind the proposed work packages and how they contribute to achieve the objectives of the project.

Explain the coherence between the objectives, activities, planned resources and project management processes.

Show how the project integrates, builds on and follows up on any pre-existing work or EU funded projects. Provide details (including architecture and deliverables) about pre-existing technical solutions.

With the objective of fulfilling the large-scale piloting of the EUDIW, **WP5 and WP6** support the business domain UCs by addressing the Architecture Reference Framework (ARF). This includes onboarding proceedings, identifying business requirements, implementing interfaces for credential issuers, comprehensive business process testing of the target systems and the evaluation of processes. **WP2** will cover the core planning, design and analysis activities and **WP4** will provide an implementation toolbox for stakeholders ensuring the complete functionality of the EUDIW. **WP7** will cover the construction of an eIDAS compliant toolkit for (Q)EAA providers and relying parties, as well as its continuous integration with the wallet releases. To ensure support of all processes, **WP1** will address coordination, planification, project management and results measurement with a complete and comprehensive project management model (PMM). Furthermore, **WP3** will lead key coordination activities with the Commission and external stakeholders, including cross border initiatives (such as EBSI, other eIDAS LSPs, Single Digital Gateway (SDG), existing EC's Building Blocks, and related domains initiatives and related services such as European Student Card Initiative, Europass and European Digital Credentials and ESSPASS. **WP8** will provide policy support through cross-country ecosystems and **WP9** will ensure the project has visibility and that its findings are disseminated widely and appropriately.

WP	Objectives & scope	Outputs[2]
1	All management and coordination activities (meetings, project monitoring and evaluation, financial management, progress reports and assurance, quality control and data protection).	Project Management Handbook, meeting minutes, quality assurance & risk management plan, periodic reports.
2	Core planning, design, and analysis activities to be developed around agents and systems identification, requirements gathering, alignment with Architecture Reference Framework (ARF) and other ongoing activities	Requirements' analysis, user journeys, information flows, logical architecture, and piloting playbook for WPs 5 and 6.
3	Coordination with the Commission for iterative eIDAS reference wallet releases, coordination with other ongoing cross-border initiatives and LSP alignment and coordination.	DC4EU Collaboration & Cooperation Strategy and Activities Report and Coordination report with eIDAS Expert Group.
4	Implementation and support of onboarding process, identify business scenarios and interoperability requirements for identity and coordinate related activities with other ongoing cross-border initiatives	Onboarding and issuance legal analysis, ID info guidelines, Attestation's guidelines, onboarding management process and issuance design.
5 **6**	Key design and implementation activities for LSPs in the education credentials, professional qualifications (WP5) EHIC and PDA1 (WP6) use-cases.	Business Blueprint, a Deployment and Testing Scenarios Results Library and a Large-Scale Pilots (LSP) final report.
7	Construction of an open source EIDAS compliant toolkit(s) for (Q)EEA issuers and its continuous integration with the wallet releases.	Open-Source architecture and its consequent Intellectual Property Rights Policy.
8	Design ecosystems for each UC to facilitate interoperability across different MS, provide policy	Registers and guidelines for ecosystem member enrolment,

	support for the UCs and define the business strategy for sustainability.	ecosystem auditing and sustainability guidelines.
9	Development of a strategy to optimize the visibility of the project, create a community of practice and disseminate findings, also levering on the extensive networks available to the consortium team members	Dissemination, communication, visibility plan and dissemination final report.

Project build-up on pre-existing work

The project will maximise opportunities to lever on, build, test and scale up pre-existing technologies and protocols from relevant, flagship EU projects: onboarding base identity builds heavily on eIDAS and EBSI as well as on the vast trust & identity knowledge and experience in the education and social security sectors. At the same time, the ARF and the wallet reference implementation are work in progress and as such will require careful monitoring of developments in these areas as well as the implications for large-scale pilots. In the education domain, there is a solid basis in used data models (European Learning Model - ELM), the existing EBSI framework, OTSS, EU strategies, and ongoing initiatives such as EWP, eduGAIN, Europass and the European Universities initiative. In the social security domain, the business aspects to be considered include the Electronic Exchange of Social Security Information (EESSI) with its data structures and formats and the Electronic Social Security Pass (ESSPASS). Regarding integrations and development, the initial work will build on the Identity Python Project and ESI, MyAcademicID, EDSSI, EDSSI L2 and EOSC. All project initiatives will closely monitor and evaluate the impact of the eIDAS review and opportunities for identification or data exchange that the EUDIW will provide together with the EUDI Toolbox deliverables. From a policy perspective, the project will be aligned with the EU Digital Strategy, EU Data Strategy, once only principle, eIDAS Trust framework and GDPR.

Project management, quality assurance and monitoring and evaluation strategy

Describe the measures planned to ensure that the project implementation is of high quality and completed in time.

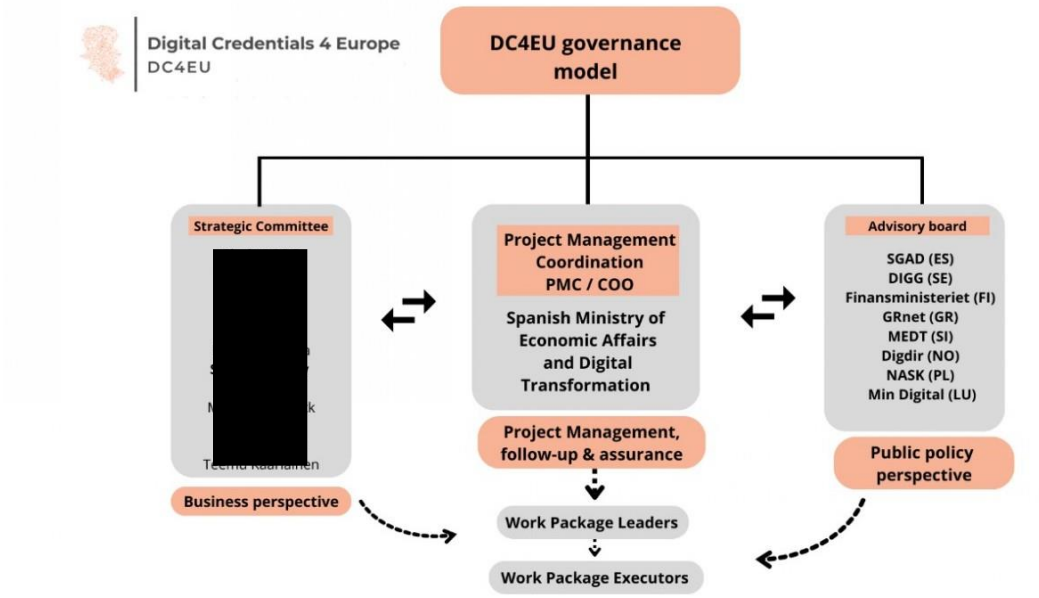
Describe the methods to ensure good quality of monitoring, planning and control activities.

Describe the evaluation methods and indicators (quantitative and qualitative) to monitor and verify the outreach and coverage of the activities and results. The indicators proposed to measure progress should be specific, measurable, achievable, relevant and time-bound.

All management and coordination activities (meetings, coordination, project monitoring and evaluation, financial management, progress reports and assurance, quality control and data protection) will be addressed by WP1, through the development of a comprehensive Project Management Model (PMM).

WP1 will ensure **that project deliverables, outputs and results are planned, adequately resourced and implemented in accordance with the overall project plan. Project management is particularly critical in view of the large number of organizations from different member states** (80 organizations from 21 MS, plus Norway and Ukraine), and the need to establish systems that may monitor **participants' performance, engagement and accountability** on an ongoing, real-time basis to ensure **activities' consistency, coherence and impact.** This will also ensure that remedial action is taken where necessary.

Three specialized governance bodies (the SC, the AB and the PMC/COO) ensure that the managerial, business, and public policies perspectives are coordinated efficiently. WP1 will address all coordination, planification, project management and results measurement of tasks coordinated by WP leaders in the consortium. This ensures a comprehensive governance model that may coordinate the project and its various tasks, based on a decision-making collaborative approach.



The Project Management Model includes a **quality assurance and risk management plan, with clear tasks, milestones, KPIs and timeframes identified as required** This will be executed by the Project Management Coordinator in collaboration with the Advisory Board. The first version of the plan will be published at the start of the project, with a second updated version published midway through the project lifecycle to take into account the project's performance as well as external factors. As part of its coordination role, and in conjunction with the Advisory Board, the PMC/COO will ensure that WP leaders and executors have access to the requisite technical and policy expertise and legal counsel. **Semi-annual periodic reports** will be published to provide a thorough overview of the state of the project based on KPIs, performance review, outcomes and participating beneficiaries in scenario implementation. The KPIs that will measure the progress of the project are listed under section 3.

Cost effectiveness and financial management *(n/a for prefixed Lump Sum Grants)*

Describe the measures adopted to ensure that the proposed results and objectives will be achieved in the most cost-effective way.

Indicate the arrangements adopted for the financial management of the project and, in particular, how the financial resources will be allocated and managed within the consortium.

⚠ *Do NOT compare and justify the costs of each work package, but summarize briefly why your budget is cost effective.*

The project is structured to ensure cost effectiveness and financial management. WPs 2 and 7 focus on planning and design activities, providing common infrastructures and services for the large-scale pilots, avoiding duplication of efforts. The point of departure of the project will be the various agreements secured within the LSPs and with WP leaders during the course of this bid. This project is based on a consensus on key issues such as common infrastructure and the need for conformity to standards to avoid duplication in WP tasks, agreed in an iterative way through meetings held during the months of the proposal drafting.

A thorough cost analysis was performed to identify specific hourly rates per organization and the DEP Annotated Model Grant Agreement budget requirements were rigorously included to comply with cost-effectiveness. Moreover, the distribution of tasks per WP will have a specific allocation of resources for each workstream and specific budget allocations have been

configured for each beneficiary to avoid any future issues and misalignment with the budget of the proposal.

The Project Management Coordinator is responsible for financial, time reporting and assurance management in close collaboration with the WP Leaders. Analysis and monitoring include the periodic reports (D.1.4); the quality assurance and risk management plan (D.1.3); ongoing review of the economic performance of the project; time reporting; and allocation of financial resources within the consortium, within the parameters previously agreed with all parties. Given the budget for the whole project, a comprehensive, complex, and complete PMM has been developed, with the necessary resources to deal with the work ahead together with the 80 organizations.

2.3 Capacity to carry out the proposed work

Consortium cooperation and division of roles (if applicable)
Describe the participants (Beneficiaries, Affiliated Entities and Associated Partners, if any) and explain how they will work together to implement the project. How will they bring together the necessary expertise? How will they complement each other?
In what way does each of the participants contribute to the project? Show that each has a valid role and adequate resources to fulfil that role.
***Note:** When building your consortium you should think of organisations that can help you reach objectives and solve problems.*

DC4EU is a large consortium that will fulfil an ambitious project, with many tasks and in a complex cross-border context. To that end, the project comprises many organizations with the necessary resources and know-how for the project's implementation.[3]

Project coordination: led by **SGAD** (PMC/COO), a recognized governmental body with experience in EU and digital projects, supported by the Steering Committee (SC), made up of domain-relevant institutions, as well as the Advisory Board (AB), which will oversee public-policy support and operates in conformity with some of the main digitalization agencies in Europe.

SC	3CL, CRUE, GEANT, DVSV, DRV Bund, SUNET and VM.
AB	DIGG, VM, GRNet, Digdir, NASK and Digital LU

Work Packages: for task coordination and to lead the different workstreams, work package leaders will play a vital role in carrying out the proposed work. To that end, they are domain-relevant institutions with sufficient resources and experience to oversee all tasks.

WP1	**SGAD**	Spain's governmental digitalization body with EU projects experience.
WP2	**GUNET**	Non-profit company conformed by all Greek higher education institutions responsible for universities' IT framework.
WP3	**GRNet**	Greek's governmental digitalization body with EU projects experience.
WP4	**GEANT**	Operator of production grade services such as eduroam, eduGAIN, MyAcademic ID. Ample experience in running large-scale EU projects.
WP5	**SGAD**	Spain's governmental digitalization body with EU projects experience.
WP6	**DVSV**	Main liaison body for social security and EHIC issuer in Austria.
WP7	**Sunet**	Long experience running opensource software project. Leadership position in MyAID, EDSSI. Operational eIDAS role for Sweden.
WP8	**VM**	Manages the implementation of digital IDs in Finland.

WP9	**ECCA**	Experience in management and communication in several EU projects.

Analysis, integration, and Development: for the provision of common infrastructures and services for the large-scale pilots, organizations with a technological background in the identity domain will fulfil the relevant tasks in WPs 2, 4 and 7.

WP 2	GUNET will be supported by certSIGN and POSTE (QTSPs), SUNET and NEUMANN.
WP 4	GEANT will be supported by VM (responsible for public sector information management and structural development in Finland), FNMT (issuers of the Spanish ID Card, QTSP), Atos (experience in relevant eIDAS-related EU projects), DIGG and Logalty.
WP 7	SUNET supported by GRnet (responsible for gov.gr), , Atos, DIGG, FNMT.

Large-Scale Pilots: the WPLs are the main domain-related institution in their MS. The UCs will count with executors providing technical support to piloting institutions and relevant domain-related organizations that will implement the pilot (end-user institutions).

WP 5	Main EU education service providers and main MS higher education institutions.
WP6	Main public bodies issuing PDA1 and EHIC in participating MS.

Project teams and staff[4]

Describe the project teams and how they will work together to implement the project.

List the staff included in the project budget (budget category A) by function/profile (e.g. project manager, senior expert/advisor/researcher, junior expert/advisor/researcher, trainers/teachers, technical personnel, administrative personnel etc. and describe briefly their tasks.

Name and function	Organisation	Role/tasks/professional profile and expertise
[redacted]	DVSV	Business Expert/Program Management
	SVS	Business Expert/ Project Management
	Smals	Business Expert/ Project Management
	RSZ	Business Expert/ Project Management
	KZP	Business Expert/ Project Management
	DTU / DeiC	Project management
	Star	Business Expert/ Project Management
	ECCA	Project Manager
	EUF	Executive Manager
	OPH	Project Manager
	DVV	Seniot Expert
	VM	Senior Advisor
	GovPart	Senior expert, project manager
	DRV Bund	Business Expert/ Project Management
	GZD	Business Expert/ Project Management
	GUnet	Product manager, Tech lead
	CERTH	Project manager

[redacted]	GRNET	Project manager
	Neumann	senior expert - Fintech and blockchain
	DSP	Business Expert/ Project Management
	IZPS	Project Manager
	Poste	Project Management
	123c	IT architecture, Tech lead, Project Management
	SKS	Project management, tech lead
	SIS	Analysis, administrative tasks, CEO
	3CL	Business Expert/ Communications / Project Management
	GEANT	Chief Information & Technology Officer
	SURF	Technical Lead
	Vecozo	Business Expert/ Project Management
	DUO	Business consultant / convenor EBP
	DIGDIR	Business Expert/ Project Management
	Sikt	IT/business architect
	NASK	Project Manager
	NFZ	Business Expert/ Project Management
	ISS	Business Expert/ Project Management
	UMAIA	Project Management
	Ulusofona	Project Management
	Uporto	Project Management
	CERTSIGN	Product manager
	ICI	Project manager
	UPT	Project manager
	UEFISCDI	Project Management
	Atos	Project Management
	CGCOM	Project Management
	SGAD	Technical expert
	FNMT	Technical expert
	Logalty	Legal expert
	GATACA	CEO / Project Manager
	GISS	Project Management
	SGAD	Project Management
	UAH	Project Leader
	Uprof	Project Management
	UC3M	Project Management
	UMU	Project Management
	UNED	Project Management
	UPM	Project Management
	UB	Project Management

[redacted]	URV	Project Management
	FK	Project Management
	SUNET	Project Management
	DIGG	Technical Lead
	IntStif	Project Management
	RISE	Project Management
	SocialSE	Project Management
	Ladok	Senior expert and Project management
	BankID	Project Management
	NASK	Project Management
	OPI	Project Management
	UniBO	Project Management
	INCM	Project Management
	HOWEST	Project Management
	Walt.ID	Project Management
	ELTE	Project Management
	AUTh	Project Management
	VMU	Project Management
	UMA	Project Management
	Saxion	Project Management
	HvA	Project Management
	UT	Project Management
	Li.U	Project Management
	ATOS IT	Project Management
	BSV.ADMIN	Project Management
	INPS	Project Management
	SVB	Project Management
	ZUS	Project Management

Outside resources (subcontracting, seconded staff, etc)

If you do not have all skills/resources in-house, describe how you intend to get them (contributions of members, partner organisations, subcontracting, etc.) and for which role/tasks/professional profile/expertise

If there is subcontracting, please also complete the table in section 4.

Given the extensive experience and resources of the organizations involved, most of the project is fulfilled with their staff. Subcontracting by certain members (public bodies) is produced in WP4, WP 5, WP6 & WP7, regarding development and IT tasks, as said technical work is out of scope of their in-house resources (as detailed in the subcontracting table)Furthermore, the COO will finance WP1 with the Recovery and Resilience Fund, not requiring DEP co-funding (please see WP1 description)

Consortium management and decision-making risk(if applicable)[5]

*Explain the management structures and decision-making mechanisms within the consortium. Describe how decisions will be taken and how regular and effective communication will be ensured. Describe methods to ensure planning and control.**Note:** The concept (including organisational structure and decision-making mechanisms) must be adapted to the complexity and scale of the project.*

To ensure the planning and control of this large and complex project, the PMM will develop a comprehensive governance model that will fulfil the stated tasks, based on a decision-making collaborative approach. The **Project Management model** (PMM) will include the design of a governance model based on three dimensions/bodies: PMC/COO (Project Management Coordinator), SC (Strategic Committee), AB (Advisory Board). Furthermore, it will involve key agents at beneficiary level (work package leaders), co-responsible for the coordination of tasks execution, interface and reporting. The PMC will be in constant contact with all partners involved, and especially with the Work Package Leaders. This will be supported by WP3, whose role will be to oversee internal alignment, complementing the coordination role fulfilled by WP1.

PMC	The objective of the PMC / COO is to conduct a continuous follow-up and monitoring of WPs implementation. It will provide WP leaders and executors with operational, financial and administrative coordination and support. Furthermore, it will provide a framework with rules and procedures for financial and time reporting and planning for quality assurance, risk management and contingency, as well as ensuring GDPR compliance throughout the project's implementation through privacy by design and default.
SC	The Strategic Committee will ensure the consistency and coherence of the project with a business-related approach and perspective, operating in constant coordination with the PMC/COO. The committee will develop and revisit the project's strategy, develop internal rules and regulations, resolve disputes attend periodic briefings with key partners and facilitate horizontal communications and the development of a community of practice.
AB	The AB's objective is to ensure that the project's results and findings are properly observed, gathered and reported in order to guarantee they are in line with relevant long-term policies and strategies, as well as those impacts and benefits are identified and dully communicated.

3. IMPACT

3.1 Expected outcomes and deliverables — Dissemination and communication

Expected outcomes and deliverables

Define and explain the extent to which the project will achieve the expected impacts listed in Call document.

The **project integrates with the iterative development of the reference application of the Wallet** based on the Architecture and Reference Framework (ARF) and will describe the process of integration with the development of the reference application of the Wallet. Building on pre-existing work and making use of **existing infrastructures**, we will also ensure alignment with other ongoing cross-border initiatives and maximise synergies that could emerge with activities financed through other grants in the same domain and stakeholders that will be consulted during the execution of the project.

To **ensure relevance and impact**, the main roles in the Wallet ecosystem and the respective usage scenarios are comprised of **legally entitled organisations** (National agencies responsible for the implementation of relevant infrastructures and cross-border initiatives), Public and private relying parties, Attribute/Credential/Attestation Providers and Wallet Users) The project includes:

A	The implementation of onboarding procedures for Wallet Users, providers of EAAs QEEAs, credentials, and relying parties.
B	The integration of the interfaces of relying parties and EAA, QEAA and credential issuers to the Wallet in their pre-production systems.
C	Comprehensive testing of the cross-border functionality of Wallets in a pre-production environment.
D	Cooperation with the Commission to integrate with the iterative development of the reference application of the Wallet including the successful integration of new releases of APIs (including connectivity and compliance tests).
E	Completion of a high number of cross-border transactions to demonstrate the Wallet's functionalities.
F	A roadmap for the implementation of, and recommendations for, the further development of the eco system and a sustainability strategy.

A set of **large-scale pilots** have been selected to demonstrate the functionality of the Wallet in national and cross-border contexts, as mentioned in **section 1.1**.

To take advantage of the cross-sector and cross-border dimension of the project, educational onboarding has been merged with social security (EHIC) issuance, working in symbiosis so that students and/or staff mobility users will be issued with educational and social security credentials for their own benefit. In addition, and to ensure a real societal impact, especially in cross-border mobility, a set of elements will be developed to allow the interaction of the EUDIW with existing mobility services. The **following deliverables will also be provided**:

Generic	Development of generic opensource issuer and verifier	
Education	ELM converters: ELMO to ELM and Open Badges / MicroCredentials to ELM.	Educational identity (non-foundational) eduGAIN gateway, MyAcademicID gateway and InAcademia gateway
	ucational data exchange gateways (EMREX) gateway	tential application/impact of EUDI wallet on existing EWP services (report)
	Europass EDC Issuer & ARF QEAA Issuer alignment (report) + Europass Wallet & EUDI Reference wallet alignment (report+tool)	tential application/impact of EUDI wallet on OLA (or other existing EWP service).
Social Security	Mobile app for social security agent	

Dissemination and communication of the project and its results

If relevant, describe the communication and dissemination activities, activities (target groups, main messages, tools, and channels) which are planned in order to promote the activities/results and maximise the impact. The aim is to inform and reach out to society and show the activities performed, and the use and the benefits the project will have for citizens
Clarify how you will reach the target groups, relevant stakeholders, policymakers and the general public and explain the choice of the dissemination channels.
Describe how the visibility of EU funding will be ensured.

⚠ *In case your proposal is selected for funding, you will have to provide a more detailed plan for these activities (dissemination and communication plan), within 6 months after grant signature. This plan will have to be periodically updated; in line with the project progress.*

To maximize the project's impact, it is essential to reaching out to society to demonstrate the project benefits to citizens. A dissemination, communication and visibility plan will be implemented to promote the development and deployment of use-cases for the new European Digital Identity ecosystem in pilot sites involving both public and private sector stakeholders, ensuring maximum visibility and awareness of the new European Digital Identity ecosystem. Strategy will also be developed to enhance the promotion and awareness of the new European Digital Identity to align with standardisation and regulatory bodies and address tactical acceptability issues by carrying out target communication actions with policy makers and society. WP9 is implemented in close coordination with the PMC/COO and advised by the SC and AB. To that end, the consortium will carry out the following tasks in the communication domain:

Dissemination, communication and visibility plan
Dissemination and communication tools and strategies, KPIs and metrics to facilitate the prominent visibility, awareness, and exploitation of the project, additionally providing **guidelines** or all the project partners to realise the greatest potential impact for the project on the business and scientific communities, as well as a plan to ensure the consortium will take a **proactive role** in maximising the projects' potential.
Dissemination activities
In coordination with the PMC/COO and all WPs, with the advice of the SC and AB, in order to **maximise the impact** of the project results in all domains. To this extent, the necessary subtasks will be foreseen to ensure the **visibility of EU funding** and that the **project's dissemination** is done in accordance with EU policy objectives, through the provision of a branding kit and guide, portal design, media and social media campaigns and events involving all relevant stakeholders.
Stakeholder management & standardization
Developing a communication plan with relevant projects and stakeholders to avoid duplicities and promote synergies. Also, monitoring of ongoing work will be performed, case impacts on standardization bodies, and the creation of an engaged, expert community of practice.

reach target groups and the **general public**, the project's activities will be disseminated through the website, social media platforms (primarily Twitter and LinkedIn) and e-newsletters. This project will also rely on the multiplier effect provided by the consortium members' individual dissemination networks on a national and pan-European level. For **relevant stakeholders**, complementary channels will include scientific publications, standardization contributions, formal and networking events (in-person and online), liaisons with other relevant projects and the operations of expert communities of practice developed during the project lifecycle. Lastly, in order to impact **policymakers**, the project can lever on 7 significant governmental bodies and public companies, as well as with the assistance of the Strategic committee for the business perspective impact and the advisory board for the policy related impact.[6]

General and Large-Scale Pilot KPIs.

KPI no.	Description	Goal	Project month for total completion
1	Wallet issuing countries involved in the project	10	18
2	Wallet users involved in WP5	1000	18
3	Wallet users involved in WP6	250	18
4	Education domain-related institutions from different countries that will interface the Wallet in their pre-production systems.	25	18
5	Social security domain-related institutions from different countries that will interface the Wallet in their pre-production systems.	10	18
6	Education domain-related institutions issuing EAAs, QEAAs and Credentials will interface to the Wallet in their pre-production systems.	25	18
7	Social security domain-related institutions issuing EAAs, QEAAs and Credentials will interface to the Wallet in their pre-production systems.	10	18
8	Wallet transactions for the education domain completed in a pre-production environment.	5000	18
9	Wallet transactions for the education domain completed in a pre-production environment.	1500	18
10	Minimum number of qualified electronic signatures issued by users of the Wallet	250	18
11	Minimum institutions or companies from different countries will interface the Wallet in their pre-production systems to verify digital credentials in education.	9	18
12	Minimum of institutions or companies from different countries will interface the Wallet in their pre-production systems to verify digital credentials in social security.	6	18

13	Minimum of reference implementations of verifiers shown to interoperate with at least EBSI and at least one other technology stack.	2	14
14	Minimum of 10 Member States for which Governing Authorities have been identified partake in the project.	10	6
15	Minimum of ecosystem members in different ecosystem roles	5	6
16	Minimum of identified verifiable data registries and trust registries that adhere to the ecosystem guidelines and policies.	5	9
17	Minimum of identified attribute / schema registries that adhere to the ecosystem guidelines and policies.	5	9
18	Minimum of entities that have undergone audits / certifications / sustainability assessments defined in the ecosystem governance rules.	40	13

Communication KPIs.

KPI no.	Channel / Activity	Impact	KPI		Target group	Goal I	Goal II	Goal III
19 (C)	DC4EU content on the website (beneficiaries)	Main information channel, communication of project results, news, events. Generate awareness on project	Page views		EC, Policy-makers, Research Community, DC4EU Community of Practice		>15000	>25000
			Countries reached				>25	>30
			Average stay time				>2 min	>2min
20 (C)	Social Media Platforms	Brand building, increasing visibility to stakeholders active in social media, raising awareness of Project and redirecting to news items on website when appropriate	# followers	Twitter	Public, Community of Practice		>350	>500
				LinkedIn			>100	>150
			# of social media posts on platforms				>120	>200
			# of social media posts shared / mentioned by third parties				>200	>300
21 (C)	Instant Messenger	Facilitation of real-time and asynchronous communication	#of members on Signal		Members of DC4EU Working Groups, Community of Practice		>40	>100

22 (C)	Newsletters	Communication of project news, events, results to project subscribers	# of newsletters sent	DC4EU Community of Practice	1	4	8
			# of newsletter views through the website			>200	>500
23 (C)	Scientific Publications	Dissemination of knowledge and technologies developed	# of papers published (conferences, journals)	Research Community		5	25
24 (C)	Standardization contributions	Contribution to the definition of new and existing standards	# of contributions				2
25 (C)	Liaison with related EU and international Projects	Establish synergies, adapt to widely adopted references, exchange of information, create critical mass	# of projects/initiatives liaised with	Policy-makers		5	10
26 (C)	Events: Technical Workshops (online)	Validation of approach, findings, dissemination of project activities. Engagement, awareness, involvement of	# international events attended to disseminate project results	EC, Members of DC4EU Working Groups, Community of Practice		10	20
			# events organized to disseminate project results (e.g. panels, workshops)			3	8

		industrial stakeholders and reach to pilot stakeholders	# attendees to the final event/closing ceremony				>150
27 (C)	Github/Gitlab	Open source availability of project software	# contributors			20	30
			# components			5	10

3.2 Competitiveness and benefits for society

Competitiveness and benefits for the society

Describe the extent to which the project will strengthen competitiveness and bring important benefits for society

DC4EU will **enable and further a change of paradigm in the education and social security domains**. It will contribute to the creation of a **hybrid** paradigm where citizens will own and directly share through explicit consent their **data** to be used, within the approach of the **self-sovereign identity framework**. It will further support and **enhance free movement** of citizens with various entitlement documents in the social-security domain and student/staff mobility, for both identity and records. The Electronic Exchange of Social Security Information (EESSI), Electronic Social Security Pass (ESSPASS), **Lifelong Learning** (LLL) and Personal Learning Pathways will be a reality, in a system where **credentials are owned, managed and controlled by the citizen** in a national and **cross-border** context. In the case of education, the project's implementation will bring clear **benefits** and impacts for the European Education Area (EEA) and the European Research Area (ERA), enabling a hybrid scenario in which the citizen/student/staff use the wallet to interact with existing education and mobility services. DC4EU will help foster a smooth transition from school to academic studies, VET, and contribute to lifelong learning. There are labour market benefits as the project model can play a key role in the upskilling and reskilling of the workforce for the green deal. For Higher education, it is an **ideal solution for Erasmus+ and European Universities initiative**.

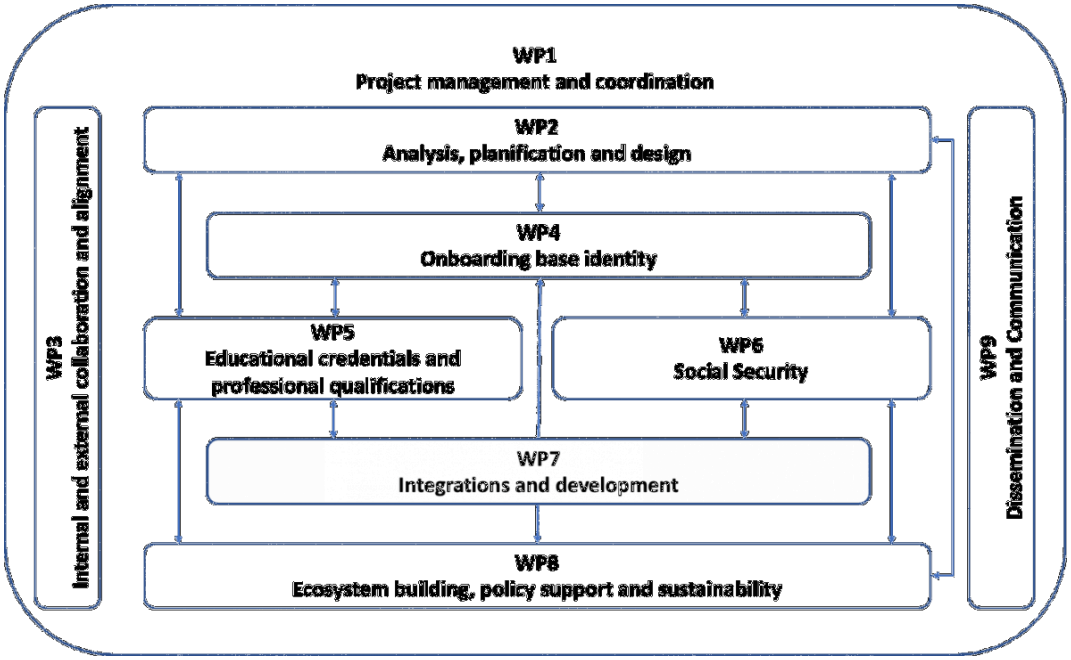
4. WORK PLAN, WORK PACKAGES, TIMING AND SUBCONTRACTING

4.1 Work plan

Work plan

Provide a brief description of the overall structure of the work plan (list of work packages or graphical presentation (Pert chart or similar)).

The DC4EU project organises its activities into seven Work Packages aligned with the activities and objectives described in section 1.1. DC4EU work plan runs along a project timespan of 24 months, whose schedule is reported in section 4.3.



WP1	Project Management and coordination
WP2	Planification, analysis and design
WP3	Internal and External Collaboration and Alignmer
WP4	Onboarding Base Identity
WP5	Educational credentials and professional qualifications
WP6	Social Security
WP7	Integrations and Development
WP8	Ecosystem building, policy support and sustainability
WP9	Communications and dissemination

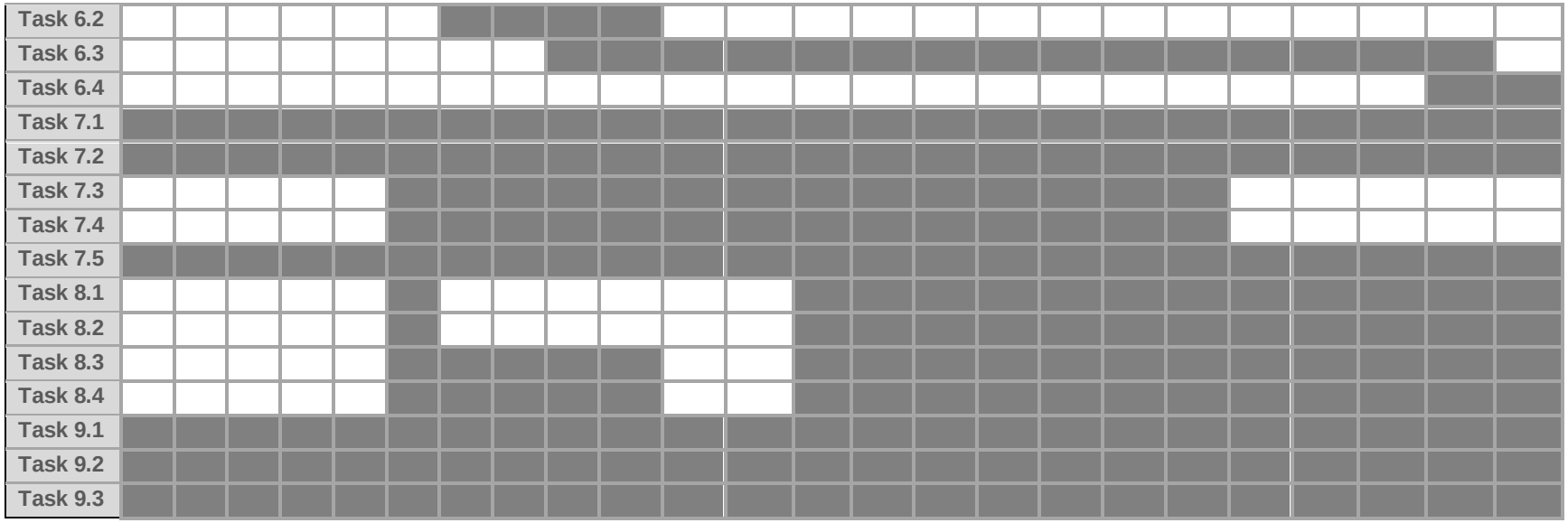
4.3 Timetable

Timetable (projects up to 2 years)

Fill in cells in beige to show the duration of activities. Repeat lines/columns as necessary.

Note: *Use the project month numbers instead of calendar months. Month 1 marks always the start of the project. In the timeline you should indicate the timing of each activity per WP.*

Activity	Months																							
	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12	M 13	M 14	M 15	M 16	M 17	M 18	M 19	M 20	M 21	M 22	M 23	M 24
Task 1.1																								
Task 1.2																								
Task 1.3																								
Task 1.4																								
Task 1.5																								
Task 1.6																								
Task 2.1																								
Task 2.2																								
Task 2.3																								
Task 3.1																								
Task 3.2																								
Task 3.3																								
Task 4.1																								
Task 4.2																								
Task 4.3																								
Task 4.4																								
Task 5.1																								
Task 5.2																								
Task 5.3																								
Task 5.4																								
Task 6.1																								


Task 6.2
Task 6.3
Task 6.4
Task 7.1
Task 7.2
Task 7.3
Task 7.4
Task 7.5
Task 8.1
Task 8.2
Task 8.3
Task 8.4
Task 9.1
Task 9.2
Task 9.3

4.4 Subcontracting (n/a for prefixed Lump Sum Grants)

Subcontracting

Give details on subcontracted project tasks (if any) and explain the reasons why (as opposed to direct implementation by the Beneficiaries/Affiliated Entities).

Subcontracting — Subcontracting means the implementation of 'action tasks', i.e. specific tasks which are part of the EU grant and are described in Annex 1 of the Grant Agreement.

***Note:** Subcontracting concerns the outsourcing of a part of the project to a party outside the consortium. It is not simply about purchasing goods or services. We normally expect that the participants have sufficient operational capacity to implement the project activities themselves. Subcontracting should therefore be exceptional.*

Include only subcontracts that comply with the rules (i.e. best value for money and no conflict of interest; no subcontracting of coordinator tasks).

Work Package No	Subcontract No (continuous numbering linked to WP)	Subcontract Name (subcontracted action tasks)	Description (including task number and BEN to which it is linked)	Estimated Costs (EUR)	Justification (Why is subcontracting necessary?)	Best-Value-for-Money (How do you intend to ensure it?)
4	S4.1	Student mobility technical expert	GEANT (NL) T4.2 T4.3	50.000	Lack of internal IT resources.	Best-Value-for Money will be ensured by requesting at least 3 offers from external providers.
5	S5.1	ELM Development Development of an Open Badges to European Learning Model converter and ELMO to ELM converter.	SURF (NL) T5.2 T5.3	51.600	The necessary IT, technical resources and know-how for the work don't exist in-house and must be subcontracted.	Best-Value-for Money will be ensured by requesting at least 3 offers from external providers.
6	S6.1	Development work for issuers back-end (issuing service for digital credentials).	BCSS (BE) T6.2 T6.3	35.250	Lack of inhouse IT resources.	Use of public tenders / framework contracts (in line with EU/national public procurement rules)
6	S6.2	Development work for issuers back-end (issuing service for digital credentials).	DRV Bund (DE) T6.2	171.221	Lack of inhouse IT developers	Use of public tenders / framework contracts (in line with EU / national public procurement rules)

			T6.3			
6	S6.3	Development work for issuers back-end (issuing service for digital credentials).	ISS (PT) T6.2 T6.3	47.040	Lack of IT internal resources.	Use of public tenders / framework contracts (in line with EU / national public procurement rules)
6	S6.4	Development work for issuers back-end (issuing service for digital credentials).	STAR (DK) T6.2 T6.3	226.500	The necessary IT and technical resources and know-how for the work don't exist in-house.	Public procurement in line with the EU/national public procurement rules
7	S7.1	Security & Design development	SUNET (SE) T7.2 T7.3 T7.4	142.000	IT skills and resources not available at SUNET.	Use of framework contracts and best value for money practices in line with EU / national procurement rules and regulations.
9	S9.2	Standardization expertise	ECCA T9.3	12.162,50	Specialized work not available in-house related to standardization activities.	Best-Value-for Money will be ensured by requesting at least 3 offers from external providers.
Other issues: *If subcontracting for the entire project goes beyond 30% of the total eligible costs, give specific reasons.*				Subcontracting doesn't reach the 30% threshold.		

Purchases and equipment

Purchase costs (travel and subsistence, equipment and other goods works and services) *Details for major cost items (needed if costs declared under 'purchase costs' are higher than 15% of the claimed personnel costs).* *Start with the most expensive cost items, down to the 15% threshold.*				
Participant 2 :	FNMT			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and Subsistence for consortium meetings	C1. Travel and Subsistence	WP 4 WP 7	FNMT takes one of the key roles in the WP4 and WP 7. High number of meetings is expected with other beneficiaires as well the EC services to: WP 4: develop guidelines PID onboarding and design QEEA issuance tools. WP 7: development, integration and technical implementation of the provider/verifier.	40.000,00€
			Total	40,000,00€
Participant 3:	DVSV			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and subsistance	C3. Travel and Subsistence	WP4	Trips envisioned for in person workshops, work sessions and meetings related to guidelines development, PID onboarding and design of QEEA issuance tools. Frequent and in-person meetings are envisaged for this WP4.	20.000,00 €
			Total	20.000,00€
Participant 7 :	KZP			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and subsistence	C1. Travel and Subsistence	WP6	Trips envisioned for WP6 Technical in person meetings and workshops for the 2 year project in different locations.	8.944,00€
			Total	8.944,00€

Participant 9:	STAR			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Infrastructure for the deployment of the WP6 large scale pilot	C3. Other works, goods and services	WP6	Necessary infrastructure for the issuance and validation of the user journey: Server costs in connection to reference architecture, required for testing and piloting Web service for landing sites and possible system /test integrations. Server and infrastructure costs in regard to the creation of architecture/backbone to support the business requirements and the deployment of services (WP4) IT-security measures (server costs, web servcies, IT security meansures).	200.000,00€
			Total	200.000,00€
Participant 10:	ECCA			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and subsistance	C3. Travel and Subsistence	WP9	Beneficiary will be supporting the communication and dissemination of the Action. Its presence will be required for most of the events organised by the project to ensure proper dissemination and organisation of those events.	25.000,00 €
			Total	25.000,00€
Participant 13:	VM			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and subsistance	C1.Travel and Subsistence	WP 3 WP7 WP8	VM takes one of the key roles in the WP3, WP 7 and WP 8. High number of meetings is expected with other beneficiaires as well the EC services related to	22.000,00 €

			those tasks in the scope of those WP.	
			Total	22.000,00€
Participant 16:	GUNET			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C2. Equipment costs	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation.	11.100,00 €
			Total	11.100,00€
Participant 26:	3CL			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Content development	C3. Other costs	WP9	Communication, dissemination and exploitation of project outputs, internal communication between partners and work packages, community building, enterprise software and domain subscriptions, management of electronic media channels during the project lifetime, content development for electronic media channels, newsletters.	20.000,00€
			Total	20.000,00€
Participant 36:	UEFISCDI			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Purchase Costs	C2. Equipment costs	5	Servers necessary for piloting the activities in Work Package 5 and integration of sutdents oboarding and validation.	11.100,00 €
			Total	11.100,00 €
Participant 39:	LOGALTY			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and subsistence	C1. Travel and Subsistence	WP4	Trips envisioned within WP4 study visits and workshops for issuance analysis (T.4.1) for the countries covered by the Action To the extent	20.000,00 €

			possible, the number of study visits will be reducted to what is really necessary.	
			Total	20.000,00€
Participant 40:	UAH			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C3. Equipment costs	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation.	11.100,00 €
			Total	11.100,00 €
Participant 43:	UNED			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C3. Equipment costs	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation	11.100,00 €
			Total	11.100,00 €
Participant 44:	UPM			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C3. Equipment costs	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation	11.100,00 €
			Total	11.100,00 €
Participant 49:	BankID			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and subsistence	C1. Travel and Subsistence	WP4	Trips envisioned for in person workshops, work sessions and meetings related to guidelines development, PID onboarding and dessign of QEEA issuance tools.	20.000,00 €
			Total	20.000,00€
Participant 53:	UC3M			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C2. Equipment costs	WP5	Servers necessary for piloting the activities in Work Package 5 and	11.100,00 €

			integration of students onboarding and validation	
			Total	11.100,00 €
Participant 55:	DIGG			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and subsistence	C1. Travel and subsistence	WP4	Trips envisioned for in person workshops, work sessions and meetings related to guidelines development, PID onboarding and dessign of QEEA issuance tools.	20.000,00€
				20.000,00€
Participant 56:	UNIBO			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C2. Equipment costs	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation	11.100,00 €
			Total	11.100,00 €
Participant 59 :	OPI			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C2. Equipment costs	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation. There are 5 end-user institutions that will be working under OPI, thus 5 times the equipment cost as the rest of end-users in WP5.	11.100,00 €
			Total	11.100,00 €
Participant 82:	ELTE			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C2. Equipment	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation	11.000€
			Total	11.000,00 €

Participant 83:	VMU			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Equipment costs	C2. Equipment	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation	11.000€
			Total	11.000,00 €
Participant 84:	UMA			
Cost item name	Category	WP(s)	Explanations	Costs (EUR)
Travel and subsistence	C1. Travel and subsistence	WP5	Trips envisioned for in person workshops, work sessions and meetings related to guidelines development, PID onboarding and dessign of QEEA issuance tools.	6.500,00€
Equipment costs	C2. Equipment	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation	11.000,00€
Other good, works and services	C3. Other goods	WP5	Servers necessary for piloting the activities in Work Package 5 and integration of students onboarding and validation	3.000,00€
			Total	20.500,00€
			Total purchase costs >15% (all participants)	527.244,00 €
			Remaining Purchase costs <15% (all participants)	736.908,43 €
			Total purchase costs (all participants)	1.264.152,43 €

5. OTHER

5.1 Ethics

Ethics issues

This table should be completed as part of your proposal. Please go through the table and indicate which elements concern your proposal by answering YES or NO.

If you answer YES to any of the questions:

- *indicate in the adjacent box at which page in your full proposal further information relating to that ethics issue can be found, and*
- *provide additional information on this ethics issue in the Ethics self-assessment section below.*

For more information on each of the ethics issues and how to address them, including detailed legal references, see the guidelines How to Complete your Ethics Self-Assessment.

1. Human embryonic stem cells and human embryos		Yes/No	Page
Does this activity involve human embryonic stem cells (hESCs)?		NO	
If **YES**:	- Will they be directly derived from embryos within this project?		
	- Are they previously established cells lines?		
	- Are the cell lines registered in the European registry for human embryonic stem cell lines?		
Does this activity involve the use of human embryos?		NO	
If **YES**:	- Will the activity lead to their destruction?		
2. Humans		Yes/No	Page
Does this activity involve human participants?		YES	
If **YES**:	- Are they volunteers?	YES	
	- Are they healthy volunteers for medical studies?	NO	
	- Are they patients for medical studies?	NO	
	- Are they potentially vulnerable individuals or groups?	NO	
	- Are they children/minors?	NO	
	- Are they other persons unable to give informed consent?	NO	
Does this activity involve interventions (physical also including imaging technology, behavioural treatments, tracking and tracing, etc) on the study participants?		NO	
If **YES**:	- Does it involve invasive techniques?		
	- Does it involve collection of biological samples?		
3. Human cells / tissues		Yes/No	Page

Does this activity involve the use of human cells or tissues (not covered by section 1)**?**			NO	
If **YES**:	- Are they human embryonic or foetal cells or tissues?			
	- Are they available commercially?			
	- Are they obtained within this project?			
	- Are they obtained from another project, laboratory, or institution?			
	- Are they obtained from a biobank?			
4. Personal data			Yes/No	Page
Does this activity involve processing of personal data?			YES	
If **YES:**	- Does it involve the processing of special categories of personal data *(e.g., sexual lifestyle, ethnicity, genetic, biometric and health data, political opinion, religious or philosophical beliefs)*?		YES	
	If **YES**:	- Does it involve processing of genetic, biometric or health data?	YES	
		- Does it involve profiling, systematic monitoring of individuals, or processing of large-scale of special categories of data or intrusive methods of data processing (such as, surveillance, geolocation, tracking etc.)?	NO	
Does this activity involve further processing of previously collected personal data (including use of pre-existing data sets or sources, merging existing data sets)?			YES	
Is it planned to export personal data from the EU to non-EU countries?			YES	
If **YES**:	Specify the type of personal data and countries involved		NORWAY DATA ON EDUCATION AND DIPLOMAS	
Is it planned to import personal data from non-EU countries into the EU or from a non-EU country to another non-EU country?			YES	
If **YES**:	Specify the type of personal data and countries involved		NORWAY DATA ON EDUCATION AND DIPLOMAS	
Does this activity involve the processing of personal data related to criminal convictions or offences?			NO	
5. Animals			Yes/No	Page
Does this activity involve animals?			NO	
6. Non-EU countries			Yes/No	Page

Will some of the activities be carried out in non-EU countries?		YES	
If **YES**:	Specify the countries:	NORWAY	
In case non-EU countries are involved, do the activities undertaken in these countries raise potential ethics issues?		**NO**	
If **YES**:	Specify the countries:		
Is it planned to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?		**NO**	
Is it planned to import any material (other than data) from non-EU countries into the EU or from a non-EU country to another non-EU country? *For data imports, see section 4*		**NO**	
If **Yes**:	Specify material and countries involved:		
Is it planned to export any material (other than data) from the EU to non-EU countries? *For data imports, see section 4*		**NO**	
If **Yes**:	Specify material and countries involved:		
7. Environment, health and safety		Yes/No	Page
Does this activity involve the use of substances or processes that may cause harm to the environment, to animals or plants (during the implementation of the activity or further to the use of the results, as a possible impact)?		**NO**	
Does this activity involve the use of substances or processes that may cause harm to humans, including those performing the activity (during the implementation of the activity or further to the use of the results, as a possible impact)?		**NO**	
8. Artificial intelligence		Yes/No	Page
Does this activity involve the development, deployment and/or use of Artificial Intelligence-based systems? *If yes, detail in the self-assessment whether that could raise ethical concerns related to human rights and values and detail how this will be addressed.*		NO	
9. Other ethics issues		Yes/No	Page
Are there any other ethics issues that should be taken into consideration?		NO	
Please specify:			

Ethics self-assessment

If you have entered any issues in the ethics issue table, you must perform an ethics self-assessment in accordance with the guidelines How to Complete your Ethics Self-Assessment and complete the table below.

Ethical dimension of the objectives, methodology and likely impact

Explain in detail the identified issues in relation to:

- *objectives of the activities (e.g. study of vulnerable populations, etc.)*
- *methodology (e.g. clinical trials, involvement of children, protection of personal data, etc.)*
- *the potential impact of the activities (e.g. environmental damage, stigmatisation of particular social groups, political or financial adverse consequences, misuse, etc.)*

The objective of this project is to deploy large-scale pilots (LSPs) that are necessary for the development, testing, validation (through iterative releases) and implementation of the new EUDI Wallet, a key component of the future eIDAS Regulation. To that end, it will include onboarding proceedings, identifying business requirements, implementing interfaces for credential issuers, comprehensive business process testing of the target systems and the evaluation of processes. In an advances stage of the project, with the LSPs ready, real data will be used in production environments. In said environments, the wallet will only process data of fully willing users.

To that end, the Project Manager will be in charge of the implementation of a privacy by design and default framework and ethics and security issues monitoring.

All activities will be performed in the EU, except cross-border pilots deployed in Norway, Digital Europe Member and part of the European Economic Area, complying to that end with all EU legislation and internal data protection measures deployed in the project.

Ukraine, through the Ministry of Digitalization and the Ministry of Education, is part of this consortium, nonetheless will partake as an associated partner with an observer role, not execution or fulfilling any tasks, and to that end not partaking in the large-scale pilots and not handling any personal data, receiving already processed reports.

Compliance with ethical principles and relevant legislation

Describe how the issue(s) identified in the ethics issues table above will be addressed in order to adhere to the ethical principles and what will be done to ensure that the activities are compliant with the EU/national legal and ethical requirements of the country or countries where the tasks are to be carried out. It is reminded that for activities performed in a non-EU countries, they should also be allowed in at least one EU Member State.

Implementation of a privacy by design default framework based on article 25 of the GDPR and the guidelines included in the GDPR handbook 2018 and ethics and security issues monitoring. Only adequate, relevant, and limited to what is necessary data for the merits of the project will be shared or used. User's personal data will be secured and protected throughout the entire project in compliance with the GDPR.

5.2 Security

Security

Describe security issues that may arise during the project implementation in the annexed Security issues table.

Indicate if there is need for EU classification of information (Decision 2015/444) or any other specific security measures.

***Note:** Beneficiaries must ensure that their projects are not subject to national/third country security requirements that could affect the implementation or put into question the award of the grant (e.g. technology restrictions, national security classification, etc).*

See annex

Security issues

This table should be completed as part of your proposal. Please go through the table and indicate which elements concern your proposal by answering YES or NO.

If you answer YES to any of the questions:

- *indicate in the adjacent box at which page in your full proposal further information relating to that security issue can be found, and*
- *provide additional information on this security issue in the Security self-assessment section below.*

For more information on potential security issues and how to address them, see the guidance How to handle security-sensitive projects and the programme-specific guidelines Classification of information in Digital Europe projects.

1. EU classified information (EUCI)		Yes/No	Page
Does the activity involve information and/or materials requiring protection against unauthorised disclosure (EUCI)?		NO	
If **YES**:	- Is the activity going to use classified information as background information?		
	- Is the activity going to generate EU classified foreground information as results?		
Does the activity involve non-EU countries?		YES Norway (task executor) Ukraine (observer)	
If **YES**:	- Do participants from non-EU countries need to have access to EUCI?	NO	
	- Do the non-EU countries concerned have a security of information agreement with the EU	YES Norway: Council Decision 2004/843/CFSP Ukraine: Council Decision 2005/481/CFSP	
2. Misuse		Yes/No	Page
Does the activity have the potential for misuse of results?		NO	
If **YES**:	- Does the activity provide knowledge, materials and technologies that could be channelled into crime and/or terrorism?		
	- Could the activity result in the development of chemical, biological, radiological or nuclear (CBRN) weapons and the means for their delivery?		
3. Other security issues		Yes/No	Page
Does the activity involve information and/or materials subject to national security restrictions?		NO	
If Yes, please specify (max 1000 characters):			

Are there any other security issues that should be taken into consideration?	NO	
If Yes, please specify (max 1000 characters):		

Security self-assessment
If you have answered YES for one or more of the questions indicated above, describe the measures you intend to take to solve/avoid them. For more information, see the guidelines Classification of information in Digital Europe projects.
To ensure that all security risks will be eliminated or mitigates, all consortium members will commit to complying with the following (but not exclusively) standards, policies and protocols: • Regulation 2016/679 on the General Data Protection Regulation, • Directive (EU) 2016/680 on the protection of natural persons regarding processing of personal data connected with criminal offences or the execution of criminal penalties, and on the free movement of such data, • Recommendations 01/2020 on measures that supplement transfer tools to ensure compliance with the EU level of protection of personal data, • EU Charter of Fundamental Rights • Decision 2004/843/CFSP (Norwegian institutions) • Decision 2005/481/CFSP (Ukrainian institutions)

6. DECLARATIONS

Double funding	
Information concerning other EU grants for this project ⚠ *Please note that there is a strict prohibition of double funding from the EU budget (except under EU Synergies actions).*	**YES/NO**
We confirm that to our best knowledge neither the project as a whole nor any parts of it have benefitted from any other EU grant *(including EU funding managed by authorities in EU Member States or other funding bodies, e.g. Erasmus, EU Regional Funds, EU Agricultural Funds, European Investment Bank, etc)*. If NO, explain and provide details.	Yes
We confirm that to our best knowledge neither the project as a whole nor any parts of it are (nor will be) submitted for any other EU grant *(including EU funding managed by authorities in EU Member States or other funding bodies, e.g. Erasmus, EU Regional Funds, EU Agricultural Funds, European Investment Bank, etc)*. If NO, explain and provide details.	Yes

Financial support to third parties (if applicable)
If in your project the maximum amount per third party will be more than the threshold amount set in the Call document, justify and explain why the higher amount is necessary in order to fulfil your project's objectives.

ANNEX 2

ESTIMATED BUDGET FOR THE ACTION

	Estimated eligible[1] costs (per budget category)										Estimated EU contribution[2]			
	Direct costs								Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount[6]
	A. Personnel costs			B. Subcontracting costs	C. Purchase costs			D. Other cost categories			Funding rate %[4]	Maximum EU contribution[5]	Requested EU contribution	
	A.1 Employees (or equivalent) A.2 Natural persons under direct contract A.3 Seconded persons		A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence	C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Internally invoiced goods and services	E. Indirect costs				
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs[7]	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Unit costs (usual accounting practices)	Flat-rate costs[8]				
	a1	a2	a3	b	c1	c2	c3	d1	d2	e = flat-rate * (a1 + a2 + a3 + b + c1 + c2 + c3 + d1 + d2)	f = a + b + c + d + e	U	g = f * U%	h	m
1 - MINECO - SGAD	1 011 620.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70 813.44	1 082 434.01	50	541 217.01	541 207.96	541 207.96
2 - FNMT	234 000.00	0.00	0.00	0.00	40 000.00	0.00	0.00	0.00	0.00	19 180.00	293 180.00	50	146 590.00	146 590.00	146 590.00
3 - DVSV	762 000.00	0.00	0.00	0.00	23 478.00	0.00	0.00	0.00	0.00	54 983.46	840 461.46	50	420 230.73	420 230.73	420 230.73
4 - SVS	186 000.00	0.00	0.00	0.00	23 478.00	0.00	0.00	0.00	0.00	14 663.46	224 141.46	50	112 070.73	112 070.73	112 070.73
5 - CBSS	141 000.00	0.00	0.00	35 250.00	8 944.00	0.00	0.00	0.00	0.00	12 963.58	198 157.58	50	99 078.79	99 078.79	99 078.79
6 - Smals	173 148.00	0.00	0.00	0.00	8 944.00	0.00	0.00	0.00	0.00	12 746.44	194 838.44	50	97 419.22	97 419.22	97 419.22
7 - KZP	100 280.00	0.00	0.00	0.00	8 944.00	0.00	0.00	0.00	0.00	7 645.68	116 869.68	50	58 434.84	58 434.84	58 434.84
8 - DTU	161 500.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	12 166.00	185 966.00	50	92 983.00	92 983.00	92 983.00
9 - STAR	598 500.00	0.00	0.00	226 500.00	23 478.00	0.00	200 000.00	0.00	0.00	73 393.46	1 121 871.46	50	560 935.73	560 935.73	560 935.73
10 - ECCA	66 893.75	0.00	0.00	12 162.50	25 000.00	7 500.00	0.00	0.00	0.00	7 808.94	119 365.19	50	59 682.60	59 682.60	59 682.60
11 - EUF-CE	243 214.00	0.00	0.00	0.00	2 400.00	22 200.00	0.00	0.00	0.00	18 746.98	286 560.98	50	143 280.49	143 280.49	143 280.49
12 - OPH	527 000.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	37 751.00	577 051.00	50	288 525.50	288 525.50	288 525.50
13 - VM	66 400.00	0.00	0.00	0.00	22 000.00	0.00	0.00	0.00	0.00	6 188.00	94 588.00	50	47 294.00	47 294.00	47 294.00
13.1 - DVV	235 000.00	0.00	0.00	0.00	20 000.00	0.00	0.00	0.00	0.00	17 850.00	272 850.00	50	136 425.00	136 425.00	136 425.00
14 - GovPart	262 180.68	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	19 213.65	293 694.33	50	146 847.17	146 847.17	146 847.17
15 - DRV Bund	684 884.00	0.00	0.00	171 221.00	23 487.00	0.00	0.00	0.00	0.00	61 571.44	941 163.44	50	470 581.72	470 581.72	470 581.72
16 - GUNET	242 000.00	0.00	0.00	0.00	21 200.00	11 100.00	0.00	0.00	0.00	19 201.00	293 501.00	50	146 750.50	146 750.50	146 750.50
17 - CERTH	36 000.00	0.00	0.00	0.00	2 000.00	0.00	0.00	0.00	0.00	2 660.00	40 660.00	50	20 330.00	20 330.00	20 330.00
18 - GRNET S.A.	548 203.00	0.00	0.00	0.00	31 200.00	11 100.00	0.00	0.00	0.00	41 335.21	631 838.21	50	315 919.11	315 919.11	315 919.11
19 - Neumann	459 350.00	0.00	0.00	0.00	3 600.00	22 200.00	0.00	0.00	0.00	33 960.50	519 110.50	50	259 555.25	259 555.25	259 555.25
20 - DSP	141 000.00	0.00	0.00	0.00	8 944.00	0.00	0.00	0.00	0.00	10 496.08	160 440.08	50	80 220.04	80 220.04	80 220.04
21 - IPZS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50	0.00	0.00	0.00
22 - POSTE ITALIANE	266 500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18 655.00	285 155.00	50	142 577.50	142 577.50	142 577.50
23 - 123c Consulting	144 337.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	10 964.59	167 601.59	50	83 800.80	83 800.80	83 800.80
24 - SKS	108 935.27	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	8 486.47	129 721.74	50	64 860.87	64 860.87	64 860.87
24.1 - EDELIVERY LT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50	0.00	0.00	0.00
25 - SIS	108 933.27	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	8 486.33	129 719.60	50	64 859.80	64 859.80	64 859.80
26 - 3CL	215 500.00	0.00	0.00	0.00	27 380.00	0.00	10 000.00	0.00	0.00	17 701.60	270 581.60	50	135 290.80	135 290.80	135 290.80
27 - GEANT	415 200.00	0.00	0.00	50 000.00	41 200.00	11 100.00	0.00	0.00	0.00	36 225.00	553 725.00	50	276 862.50	276 862.50	276 862.50

	Estimated eligible[1] costs (per budget category)										Estimated EU contribution[2]			
	Direct costs								Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount[6]
	A. Personnel costs			B. Subcontracting costs	C. Purchase costs			D. Other cost categories						
	A.1 Employees (or equivalent) A.2 Natural persons under direct contract A.3 Seconded persons		A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence	C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Internally invoiced goods and services	E. Indirect costs		Funding rate %[4]	Maximum EU contribution[5]	Requested EU contribution	
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs[7]	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Unit costs (usual accounting practices)	Flat-rate costs[8]					
	a1	a2	a3	b	c1	c2	c3	d1	d2	e = flat-rate * (a1 + a2 + a3 + b + c1 + c2 + c3 + d1 + d2)	f = a + b + c + d + e	U	g = f * U%	h	m
28 - SIDN Business	4 906.70	0.00	0.00	0.00	793.43	0.00	0.00	0.00	0.00	399.01	6 099.14	50	3 049.57	3 049.57	3 049.57
29 - SURF BV	159 570.00	0.00	0.00	51 600.00	6 500.00	3 400.00	0.00	0.00	0.00	15 474.90	236 544.90	50	118 272.45	118 272.45	118 272.45
30 - VECOZO	634 500.00	0.00	0.00	0.00	8 944.00	0.00	0.00	0.00	0.00	45 041.08	688 485.08	50	344 242.54	344 242.54	344 242.54
31 - DIGDIR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50	0.00	0.00	0.00
32 - SIKT	269 251.67	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	19 708.62	301 260.29	50	150 630.15	150 630.15	150 630.15
33 - CERTSIGN	195 333.27	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	14 534.33	222 167.60	50	111 083.80	111 083.80	111 083.80
34 - ICI BUCURESTI	216 300.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	16 002.00	244 602.00	50	122 301.00	122 301.00	122 301.00
35 - UPT	265 625.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	19 454.75	297 379.75	50	148 689.88	148 689.88	148 689.88
36 - UEFISCDI	61 454.21	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	5 162.79	78 917.00	50	39 458.50	39 458.50	39 458.50
37 - ATOS SPAIN SA	224 720.00	0.00	0.00	0.00	20 000.00	0.00	0.00	0.00	0.00	17 130.40	261 850.40	50	130 925.20	130 925.20	130 925.20
37.1 - ATOS IT	84 800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5 936.00	90 736.00	50	45 368.00	45 368.00	45 368.00
38 - CGCOM	265 625.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	19 454.75	297 379.75	50	148 689.88	148 689.88	148 689.88
39 - LOGALTY	207 590.60	0.00	0.00	0.00	20 000.00	0.00	0.00	0.00	0.00	15 931.34	243 521.94	50	121 760.97	121 760.97	121 760.97
40 - UAH	79 012.50	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	6 391.88	97 704.38	50	48 852.19	48 852.19	48 852.19
41 - UProf	200 000.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	14 861.00	227 161.00	50	113 580.50	113 580.50	113 580.50
42 - UMU	104 125.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	8 149.75	124 574.75	50	62 287.38	62 287.38	62 287.38
43 - UNED	79 012.50	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	6 391.88	97 704.38	50	48 852.19	48 852.19	48 852.19
44 - UPM	96 570.79	0.00	0.00	0.00	4 200.00	11 100.00	0.00	0.00	0.00	7 830.96	119 701.75	50	59 850.88	59 850.88	59 850.88
45 - SUNET	1 001 739.00	0.00	0.00	142 000.00	21 200.00	11 100.00	0.00	0.00	0.00	82 322.73	1 258 361.73	50	629 180.87	629 180.87	629 180.87
46 - IntSitf	326 800.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	23 737.00	362 837.00	50	181 418.50	181 418.50	181 418.50
47 - RISE	344 025.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	24 942.75	381 267.75	50	190 633.88	190 633.88	190 633.88
48 - Ladokk	520 951.53	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	37 327.61	570 579.14	50	285 289.57	285 289.57	285 289.57
48.1 - Li.U	65 700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4 599.00	70 299.00	50	35 149.50	35 149.50	35 149.50
49 - Bank ID	80 000.00	0.00	0.00	0.00	20 000.00	0.00	0.00	0.00	0.00	7 000.00	107 000.00	50	53 500.00	53 500.00	53 500.00
50 - Lusofona Uni	104 125.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	8 149.75	124 574.75	50	62 287.38	62 287.38	62 287.38
51 - UPORTO	122 368.75	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	9 426.81	144 095.56	50	72 047.78	72 047.78	72 047.78
52 - ISS	188 160.00	0.00	0.00	47 040.00	8 944.00	0.00	0.00	0.00	0.00	17 090.08	261 234.08	50	130 617.04	130 617.04	130 617.04
53 - UC3M	79 012.50	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	6 391.88	97 704.38	50	48 852.19	48 852.19	48 852.19
54 - NFZ	141 000.00	0.00	0.00	0.00	8 944.00	0.00	0.00	0.00	0.00	10 496.08	160 440.08	50	80 220.04	80 220.04	80 220.04
55 - DIGG	119 000.00	0.00	0.00	0.00	20 000.00	0.00	0.00	0.00	0.00	9 730.00	148 730.00	50	74 365.00	74 365.00	74 365.00
56 - UNIBO	73 500.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	6 006.00	91 806.00	50	45 903.00	45 903.00	45 903.00
57 - URV	79 012.50	0.00	0.00	0.00	0.00	11 100.00	0.00	0.00	0.00	6 307.88	96 420.38	50	48 210.19	48 210.19	48 210.19
58 - NASK	116 000.00	0.00	0.00	0.00	3 200.00	11 000.00	0.00	0.00	0.00	9 114.00	139 314.00	50	69 657.00	69 657.00	69 657.00

	Estimated eligible[1] costs (per budget category)											Estimated EU contribution[2]			
	Direct costs									Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount[6]
	A. Personnel costs			B. Subcontracting costs	C. Purchase costs			D. Other cost categories		E. Indirect costs[3]		Funding rate %[4]	Maximum EU contribution[5]	Requested EU contribution	
	A.1 Employees (or equivalent) A.2 Natural persons under direct contract A.3 Seconded persons		A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence	C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Internally invoiced goods and services	E. Indirect costs					
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs[7]	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Unit costs (usual accounting practices)	Flat-rate costs[8]					
	a1	a2	a3	b	c1	c2	c3	d1	d2	e = flat-rate * (a1 + a2 + a3 + b + c1 + c2 + c3 + d1 + d2)	f = a + b + c + d + e	U	g = f * U%	h	m
59 - OPI	389 625.00	0.00	0.00	0.00	7 200.00	11 100.00	0.00	0.00	0.00	28 554.75	436 479.75	50	218 239.88	218 239.88	218 239.88
60 - INCM	90 000.00	0.00	0.00	0.00	6 000.00	0.00	0.00	0.00	0.00	6 720.00	102 720.00	50	51 360.00	51 360.00	51 360.00
61 - UMAIA	104 125.00	0.00	0.00	0.00	1 200.00	11 100.00	0.00	0.00	0.00	8 149.75	124 574.75	50	62 287.38	62 287.38	62 287.38
62 - GZD															
63 - DUO															
64 - AOC															
65 - UAB															
66 - UB															
67 - SOCIALSTYRELSEN															
68 - Digital LU															
69 - Gataca España															
70 - RED.ES															
71 - Digital UA															
72 - MOES UA															
73 - Uni Lille															
74 - MUNI															
75 - CRUE															
76 - GISS															
77 - FK															
78 - RSZ															
79 - HOWEST	60 480.00	0.00	0.00	0.00	6 500.00	0.00	0.00	0.00	0.00	4 688.60	71 668.60	50	35 834.30	35 834.30	35 834.30
80 - Walt.ID	54 120.00	0.00	0.00	0.00	6 500.00	0.00	0.00	0.00	0.00	4 243.40	64 863.40	50	32 431.70	32 431.70	32 431.70
81 - AUTh	107 000.00	0.00	0.00	0.00	5 350.00	0.00	0.00	0.00	0.00	7 864.50	120 214.50	50	60 107.25	60 107.25	60 107.25
82 - ELTE	21 036.00	0.00	0.00	0.00	6 500.00	11 000.00	0.00	0.00	0.00	2 697.52	41 233.52	50	20 616.76	20 616.76	20 616.76
83 - VMU	55 125.00	0.00	0.00	0.00	6 500.00	11 000.00	0.00	0.00	0.00	5 083.75	77 708.75	50	38 854.38	38 854.38	38 854.38
84 - UMA	114 196.80	0.00	0.00	0.00	6 500.00	11 000.00	3 000.00	0.00	0.00	9 428.78	144 125.58	50	72 062.79	72 062.79	72 062.79
85 - SAXION	102 961.25	0.00	0.00	0.00	6 500.00	0.00	0.00	0.00	0.00	7 662.29	117 123.54	50	58 561.77	58 561.77	58 561.77
86 - HvA	105 876.75	0.00	0.00	0.00	6 500.00	0.00	0.00	0.00	0.00	7 866.37	120 243.12	50	60 121.56	60 121.56	60 121.56
87 - UT	105 876.75	0.00	0.00	0.00	6 500.00	0.00	0.00	0.00	0.00	7 866.37	120 243.12	50	60 121.56	60 121.56	60 121.56
88 - INPS															
89 - ZUS															
90 - SVB															
91 - DIGDIR AP															

	Estimated eligible[1] costs (per budget category)											Estimated EU contribution[2]			
	Direct costs									Indirect costs	Total costs	EU contribution to eligible costs			Maximum grant amount[6]
	A. Personnel costs			B. Subcontracting costs	C. Purchase costs			D. Other cost categories		E. Indirect costs[3]		Funding rate %[4]	Maximum EU contribution[5]	Requested EU contribution	
	A.1 Employees (or equivalent) A.2 Natural persons under direct contract A.3 Seconded persons		A.4 SME owners and natural person beneficiaries	B. Subcontracting	C.1 Travel and subsistence	C.2 Equipment	C.3 Other goods, works and services	D.1 Financial support to third parties	D.2 Internally invoiced goods and services	E. Indirect costs					
Forms of funding	Actual costs	Unit costs (usual accounting practices)	Unit costs[7]	Actual costs	Actual costs	Actual costs	Actual costs	Actual costs	Unit costs (usual accounting practices)	Flat-rate costs[8]					
	a1	a2	a3	b	c1	c2	c3	d1	d2	e = flat-rate * (a1 + a2 + a3 + b + c1 + c2 + c3 + d1 + d2)	f = a + b + c + d + e	U	g = f * U%	h	m
92 - BSV															
93 - KELA															
94 - REGOS															
95 - CCSS															
96 - CLEISS															
97 - ACOSS															
98 - CNAM															
99 - SM															
Σ consortium	15 959 793.61	0.00	0.00	735 773.50	607 752.43	443 400.00	213 000.00	0.00	0.00	1 257 180.40	19 216 899.94		9 608 450.05	9 608 441.00	9 608 441.00

[1] See Article 6 for the eligibility conditions. All amounts must be expressed in EUR (see Article 21 for the conversion rules).
[2] The consortium remains free to decide on a different internal distribution of the EU funding (via the consortium agreement; see Article 7).
[3] Indirect costs already covered by an operating grant (received under any EU funding programme) are ineligible (see Article 6.3). Therefore, a beneficiary/affiliated entity that receives an operating grant during the action duration cannot declare indirect costs for the year(s)/reporting period(s) covered by the operating grant, unless they can demonstrate that the operating grant does not cover any costs of the action. This requires specific accounting tools. Please immediately contact us via the EU Funding & Tenders Portal for details.
[4] See Data Sheet for the funding rate(s).
[5] This is the theoretical amount of the EU contribution to costs, if the reimbursement rate is applied to all the budgeted costs. This theoretical amount is then capped by the 'maximum grant amount'.
[6] The 'maximum grant amount' is the maximum grant amount decided by the EU. It normally corresponds to the requested grant, but may be lower.
[7] See Annex 2a 'Additional information on the estimated budget' for the details (units, cost per unit).
[8] See Data Sheet for the flat-rate.

DATA SHEET

1. General data

Project summary:

Project summary
Europe is facing unprecedented changes, in which digital transformation and the green transition are two key backbones of Europe's future. The eIDAS trust framework is undoubtedly one of the pillars of the European Union, which has laid the foundations of identity and trust in the digital world. The revision of this framework extends its scope of competence beyond identity, encompassing the electronic attestation of attributes (EAA). Establishing the technical measures, the processes and procedures for establishing trust frameworks in sectoral areas will be key to the construction of Europe. In this sense, DC4EU will focus on identifying and applying all these aspects in the fields of Education (Ed) and Social Security (SS). Specifically, the issuance of educational credentials and professional qualifications in the Education sector, and the issuance of the portable document A1 (PDA1) and the European Health Insurance Card (EHIC) in the Social Security sector. The European Digital Identity Wallet (EUDIW) will be a key element of hybridization for cross-sectoral and cross-border use cases (Identity, Signature, educational credentials and Social Security). Beyond the development of cross-border Large-Scale Pilots (LSPs) and recommendations for issuing institutions, relying parties, Member States (MS) and citizens, DC4EU will contribute to new paradigm to citizens in the field of education and social security. DC4EU is formed by 80 organizations from 23 States (21 EU MS + Norway and Ukraine). For this purpose, it will develop 4 use cases (UCs) with work planned for 24 months and divided in 9 work packages. The project counts with the backing 43 public organizations and 49 private entities, including relevant sectoral institutions, ministries, and digitalization agencies of various Member States governments, developing a comprehensive governance model and an ambitious dissemination plan, guaranteeing the relevance and impact expected.

Keywords:

- Electronic identification (eID) and authentication
- Education, Social Security, eIDAS, Digital Identity, European Digital Identity Wallet, Wallet, Use cases, Large-scale pilots

Project number: 101102611

Project name: Digital Credentials for Europe

Project acronym: DC4EU

Call: DIGITAL-2022-DEPLOY-02

Topic: DIGITAL-2022-DEPLOY-02-ELECTRONIC-ID

Type of action: DIGITAL Simple Grants

Granting authority: European Health and Digital Executive Agency

Grant managed through EU Funding & Tenders Portal: Yes (eGrants)

Project starting date: fixed date: 1 April 2023

Project end date: 31 March 2025

Project duration: 24 months

Consortium agreement: Yes

2. Participants

List of participants:

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount	Entry date	Exit date
1	COO	MINECO - SGAD	MINISTERIO DE ASUNTOS ECONOMICOS Y TRANSFORMACION DIGITAL	ES	966392474	1 082 434.01	541 207.96		

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount	Entry date	Exit date
2	BEN	FNMT	FABRICA NACIONAL DE MONEDA Y TIMBRE-REAL CASA DE LA MONEDA	ES	912199059	293 180.00	146 590.00		
3	BEN	DVSV	DACHVERBAND DER SOZIALVERSICHERUNGSTRAEGER	AT	923801617	840 461.46	420 230.73		
4	BEN	SVS	SOZIALVERSICHERUNGSANSTALT DER SELBSTANDIGEN	AT	885805747	224 141.46	112 070.73		
5	BEN	CBSS	BANQUE CARREFOUR DE LA SECURITE SOCIALE	BE	998955859	198 157.58	99 078.79		
6	BEN	Smals	SMALS	BE	948004087	194 838.44	97 419.22		
7	BEN	KZP	KANCELAR ZDRAVOTNIHO POJISTENI	CZ	886820076	116 869.68	58 434.84		
8	BEN	DTU	DANMARKS TEKNISKE UNIVERSITET	DK	999990655	185 966.00	92 983.00		
9	BEN	STAR	STYRELSEN FOR ARBEJDSMARKED OG REKRUTTERING	DK	907876739	1 121 871.46	560 935.73		
10	BEN	ECCA	EUROPEAN CAMPUS CARD ASSOCIATION	IE	904452348	119 365.19	59 682.60		
11	BEN	EUF-CE	EUROPEAN UNIVERSITY FOUNDATION-CAMPUS EUROPAE	LU	948229418	286 560.98	143 280.49		
12	BEN	OPH	OPETUSHALLITUS OPH	FI	914643750	577 051.00	288 525.50		
13	BEN	VM	VALTIOVARAINMINISTERIO	FI	998822387	94 588.00	47 294.00		
13.1	AE	DVV	DIGI-JA VAESTOTIETOVIRASTO	FI	885753464	272 850.00	136 425.00		
14	BEN	GovPart	GOVPART GMBH	DE	888107654	293 694.33	146 847.17		
15	BEN	DRV Bund	DEUTSCHE RENTENVERSICHERUNG BUND	DE	884065955	941 163.44	470 581.72		
16	BEN	GUNET	AKADIMAIKO DIADIKTYO	EL	950647434	293 501.00	146 750.50		
17	BEN	CERTH	ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	EL	998802502	40 660.00	20 330.00		
18	BEN	GRNET S.A.	NATIONAL INFRASTRUCTURES FOR RESEARCH AND TECHNOLOGY	EL	999937887	631 838.21	315 919.11		
19	BEN	Neumann	NEUMANN JANOS NONPROFIT KOZHASZNU KORLATOLT FELELOSSEGU TARSASAG	HU	998453593	519 110.50	259 555.25		
20	BEN	DSP	DEPARTMENT OF SOCIAL PROTECTION	IE	931402828	160 440.08	80 220.04		
21	BEN	IPZS	ISTITUTO POLIGRAFICO E ZECCA DELLO STATO SPA	IT	890144557	0.00	0.00		30/9/2023
22	BEN	POSTE ITALIANE	POSTE ITALIANE - SOCIETA PER AZIONI	IT	956974453	285 155.00	142 577.50		
23	BEN	123c Consulting	123C CONSULTING MB	LT	885967446	167 601.59	83 800.80		
24	BEN	SKS	UZDAROJI AKCINE BENDROVE SKAITOS KOMPIUTERIU SEVISAS	LT	894302656	129 721.74	64 860.87		
24.1	AE	EDELIVERY LT	PUBLIC INSTITUTION EDELIVERY LT	LT	894289949	0.00	0.00		
25	BEN	SIS	Systems integration solutions, UAB	LT	894340777	129 719.60	64 859.80		
26	BEN	3CL	THE COMMONWEALTH CENTRE FOR CONNECTED LEARNING FOUNDATION	MT	902856601	270 581.60	135 290.80		
27	BEN	GEANT	GEANT VERENIGING	NL	999579278	553 725.00	276 862.50		
28	BEN	SIDN Business	SIDN BUSINESS B.V	NL	885578961	6 099.14	3 049.57		31/12/2023
29	BEN	SURF BV	SURF BV	NL	952865630	236 544.90	118 272.45		
30	BEN	VECOZO	VECOZO BV	NL	950175044	688 485.08	344 242.54		
31	BEN	DIGDIR	DIGITALISERINGSDIREKTORATET	NO	998942667	0.00	0.00		31/12/2023
32	BEN	SIKT	SIKT - KUNNSKAPSSEKTORENS TJENESTELEVERANDOR	NO	909570553	301 260.29	150 630.15		
33	BEN	CERTSIGN	CERTSIGN SA	RO	960082139	222 167.60	111 083.80		
34	BEN	ICI BUCURESTI	INSTITUTUL NATIONAL DE CERCETARE-	RO	999593537	244 602.00	122 301.00		

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount	Entry date	Exit date
			DEZVOLTARE IN INFORMATICA ICI BUCURESTI RA						
35	BEN	UPT	UNIVERSITATEA POLITEHNICA TIMISOARA	RO	999856795	297 379.75	148 689.88		
36	BEN	UEFISCDI	UNITATEA EXECUTIVA PENTRU FINANTAREA INVATAMANTULUI SUPERIOR A CERCETARII DEZVOLTARII SI INOVARII	RO	972130024	78 917.00	39 458.50		
37	BEN	ATOS SPAIN SA	ATOS SPAIN SA	ES	999993856	261 850.40	130 925.20		
37.1	AE	ATOS IT	ATOS IT SOLUTIONS AND SERVICES IBERIA SL	ES	952979120	90 736.00	45 368.00		
38	BEN	CGCOM	CONSEJO GENERAL DE COLEGIOS OFICIALES DE MEDICOS	ES	890686496	297 379.75	148 689.88		
39	BEN	LOGALTY	LOGALTY PRUEBA POR INTERPOSICION SL	ES	926882046	243 521.94	121 760.97		
40	BEN	UAH	UNIVERSIDAD DE ALCALA	ES	999835746	97 704.38	48 852.19		
41	BEN	UProf	UNION PROFESIONAL	ES	885528521	227 161.00	113 580.50		
42	BEN	UMU	UNIVERSIDAD DE MURCIA	ES	999844282	124 574.75	62 287.38		
43	BEN	UNED	UNIVERSIDAD NACIONAL DE EDUCACION A DISTANCIA	ES	999863294	97 704.38	48 852.19		
44	BEN	UPM	UNIVERSIDAD POLITECNICA DE MADRID	ES	999974844	119 701.75	59 850.88		
45	BEN	SUNET	VETENSKAPSRADET - SWEDISH RESEARCH COUNCIL	SE	999586165	1 258 361.73	629 180.87		
46	BEN	IntSitf	STIFTELSEN FOR INTERNETINFRASTRUKTUR	SE	885652390	362 837.00	181 418.50		
47	BEN	RISE	RISE RESEARCH INSTITUTES OF SWEDEN AB	SE	999613422	381 267.75	190 633.88		
48	BEN	Ladokk	UMEA UNIVERSITET	SE	999881821	570 579.14	285 289.57		
48.1	AE	Li.U	LINKOPINGS UNIVERSITET	SE	999852236	70 299.00	35 149.50	1/1/2024	
49	BEN	Bank ID	FINANSIELL ID-TEKNIK BID AB	SE	886186472	107 000.00	53 500.00		
50	BEN	Lusofona Uni	COFAC COOPERATIVA DE FORMACAO E ANIMACAO CULTURAL CRL	PT	997605425	124 574.75	62 287.38		
51	BEN	UPORTO	UNIVERSIDADE DO PORTO	PT	999894916	144 095.56	72 047.78		
52	BEN	ISS	INSTITUTO DA SEGURANCA SOCIAL	PT	883868075	261 234.08	130 617.04		
53	BEN	UC3M	UNIVERSIDAD CARLOS III DE MADRID	ES	999899572	97 704.38	48 852.19		
54	BEN	NFZ	NARODOWY FUNDUSZ ZDROWIA	PL	998161332	160 440.08	80 220.04		
55	BEN	DIGG	Swedish Agency for Digital Government	SE	900474378	148 730.00	74 365.00		
56	BEN	UNIBO	ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA	IT	999993953	91 806.00	45 903.00		
57	BEN	URV	UNIVERSITAT ROVIRA I VIRGILI	ES	999880560	96 420.38	48 210.19		
58	BEN	NASK	NAUKOWA I AKADEMICKA SIEC KOMPUTEROWA - PANSTWOWY INSTYTUT BADAWCZY	PL	999918681	139 314.00	69 657.00		
59	BEN	OPI	OSRODEK PRZETWARZANIA INFORMACJI-PANSTWOWY INSTYTUT BADAWCZY	PL	951844317	436 479.75	218 239.88		
60	BEN	INCM	IMPRENSA NACIONAL - CASA DA MOEDA, S. A.	PT	911351958	102 720.00	51 360.00		
61	BEN	UMAIA	MAIEUTICA COOPERATIVA DE ENSINO SUPERIOR CRL	PT	951330411	124 574.75	62 287.38		
62	AP	GZD	GENERALZOLLDIREKTION	DE	911441489	0.00	0.00		
63	AP	DUO	MINISTERIE VAN ONDERWIJS, CULTUUR EN WETENSCHAP	NL	999813727	0.00	0.00		
64	AP	AOC	Consorci Administració Oberta de Catalunya	ES	926217887	0.00	0.00		
65	AP	UAB	UNIVERSITAT AUTONOMA DE BARCELONA	ES	999986484	0.00	0.00		

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount	Entry date	Exit date
66	AP	UB	UNIVERSITAT DE BARCELONA	ES	999986387	0.00	0.00		
67	AP	SOCIALSTYRELSEN	SOCIALSTYRELSEN	SE	998248147	0.00	0.00		
68	AP	Digital LU	MINISTERE DE LA DIGITALISATION	LU	894308767	0.00	0.00		
69	AP	Gataca España	GATACA ESPANA SL	ES	892135676	0.00	0.00		
70	AP	RED.ES	ENTIDAD PUBLICA EMPRESARIAL RED.ES	ES	999647081	0.00	0.00		
71	AP	Digital UA	MINISTRY OF DIGITAL TRANSFORMATION OF UKRAINE	UA	896182128	0.00	0.00		
72	AP	MOES UA	MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE	UA	938113773	0.00	0.00		
73	AP	Uni Lille	UNIVERSITE DE LILLE	FR	888146648	0.00	0.00		
74	AP	MUNI	MINISTERIO DE UNIVERSIDADES	ES	894297612	0.00	0.00		
75	AP	CRUE	CONFERENCIA DE RECTORES DE LAS UNIVERSIDADES ESPANOLAS (CRUE) ASOCIACION	ES	999421362	0.00	0.00		
76	AP	GISS	MINISTERIO DE INCLUSIÓN, SEGURIDAD SOCIAL Y MIGRACIONES	ES	915812891	0.00	0.00		
77	AP	FK	THE SWEDISH SOCIAL INSURANCE AGENCY FORSAKRINGSKASSAN	SE	891289060	0.00	0.00		
78	AP	RSZ	OFFICE NATIONAL DE SECURITESOCIALE*RIJKSDIENST VOOR SOCIALE ZEKERHEID LANDESAMT FUR SOZIALE SICHERHEIT ONSS RSZ LSS	BE	964300378	0.00	0.00		
79	BEN	HOWEST	HOGESCHOOL WEST-VLAANDEREN HOWEST	BE	998686684	71 668.60	35 834.30	1/1/2024	
80	BEN	Walt.ID	WALT.ID GMBH	AT	893668373	64 863.40	32 431.70	1/1/2024	
81	BEN	AUTh	ARISTOTELIO PANEPISTIMIO THESSALONIKIS	EL	999895692	120 214.50	60 107.25	1/1/2024	
82	BEN	ELTE	EOTVOS LORAND TUDOMANYEGYETEM	HU	999896468	41 233.52	20 616.76	1/1/2024	
83	BEN	VMU	VYTAUTO DIDZIOJO UNIVERSITETAS	LT	999590627	77 708.75	38 854.38	1/1/2024	
84	BEN	UMA	UNIVERSIDAD DE MALAGA	ES	999898311	144 125.58	72 062.79	1/1/2024	
85	BEN	SAXION	STICHTING SAXION	NL	970382278	117 123.54	58 561.77	1/1/2024	
86	BEN	HvA	STICHTING HOGESCHOOL VAN AMSTERDAM	NL	985875991	120 243.12	60 121.56	1/1/2024	
87	BEN	UT	UNIVERSITEIT TWENTE	NL	999900833	120 243.12	60 121.56	1/1/2024	
88	AP	INPS	ISTITUTO NAZIONALE DELLA PREVIDENZA SOCIALE	IT	928230637	0.00	0.00		
89	AP	ZUS	ZAKLAD UBEZPIECZEN SPOLECZNYCH	PL	889166118	0.00	0.00		
90	AP	SVB	Sociale Verzekeringsbank	NL	880341058	0.00	0.00		
91	AP	DIGDIR AP	DIGITALISERINGSDIREKTORATET	NO	998942667	0.00	0.00	1/1/2024	
92	AP (IO)	BSV	Federal Social Insurance Office FSIO	CH	879042422	0.00	0.00		
93	AP	KELA	KANSANELAKELAITOS	FI	986131974	0.00	0.00		
94	AP	REGOS	Sredisnji registar osiguranika	HR	878656459	0.00	0.00		
95	AP	CCSS	Centre Commun de la Sécurité Sociale	LU	879016038	0.00	0.00		
96	AP	CLEISS	CENTRE DES LIAISONS EUROPEENNES ET INTERNATIONALES DE SECURITE SOCIALE	FR	878551408	0.00	0.00		
97	AP	ACOSS	ACOSS	FR	885459263	0.00	0.00		
98	AP	CNAM	CAISSE NATIONALE DE L'ASSURANCE MALADIE DES TRAVAILLEURS SALARIES	FR	907130324	0.00	0.00		
99	AP	SM	SOTSIAALMINISTEERIUM	EE	998429731	0.00	0.00		
Total						19 216 899.94	9 608 441.00		

Coordinator:

– MINISTERIO DE ASUNTOS ECONOMICOS Y TRANSFORMACION DIGITAL (MINECO - SGAD): from 1 April 2023 to present

3. Grant

Maximum grant amount, total estimated eligible costs and contributions and funding rate:

Total eligible costs (BEN and AE)	Funding rate (%)	Maximum grant amount (Annex 2)	Maximum grant amount (award decision)
19 216 899.94	50	9 608 441.00	9 608 441.00

Grant form: Budget-based

Grant mode: Action grant

Budget categories/activity types:

- A. Personnel costs
  - A.1 Employees, A.2 Natural persons under direct contract, A.3 Seconded persons
  - A.4 SME owners and natural person beneficiaries
- B. Subcontracting costs
- C. Purchase costs
  - C.1 Travel and subsistence
  - C.2 Equipment
  - C.3 Other goods, works and services
- D. Other cost categories
  - D.1 Financial support to third parties
  - D.2 Internally invoiced goods and services
- E. Indirect costs

Cost eligibility options:

- Standard supplementary payments
- Average personnel costs (unit cost according to usual cost accounting practices)
- Limitation for subcontracting
- Travel and subsistence:
  - Travel: Actual costs
  - Accommodation: Actual costs
  - Subsistence: Actual costs
- Equipment: depreciation only
- Costs for providing financial support to third parties (actual cost; max amount for each recipient: EUR 60 000.00)
- Indirect cost flat-rate: 7% of the eligible direct costs (categories A-D, except volunteers costs and exempted specific cost categories, if any)
- VAT: Yes
- Other ineligible costs

Budget flexibility: Yes (no flexibility cap)

4. Reporting, payments and recoveries

4.1 Continuous reporting (art 21)

Deliverables: see Funding & Tenders Portal Continuous Reporting tool

4.2 Periodic reporting and payments

Reporting and payment schedule (art 21, 22):

Reporting					Payments	
Reporting periods			Type	Deadline	Type	Deadline (time to pay)
RP No	Month from	Month to				
					Initial prefinancing	30 days from entry into force/10 days before starting date/ financial guarantee (if required) – whichever is the latest
1	1	12	Periodic report	60 days after end of reporting period	Interim payment	90 days from receiving periodic report
2	13	24	Periodic report	60 days after end of reporting period	Final payment	90 days from receiving periodic report

Prefinancing payments and guarantees:

Prefinancing payment		Prefinancing guarantee		
Type	Amount	Guarantee amount	Division per participant	
Prefinancing 1 (initial)	4 804 220.50	n/a	1 - MINECO - SGAD	n/a
			2 - FNMT	n/a
			3 - DVSV	n/a
			4 - SVS	n/a
			5 - CBSS	n/a
			6 - Smals	n/a
			7 - KZP	n/a
			8 - DTU	n/a
			9 - STAR	n/a
			10 - ECCA	n/a
			11 - EUF-CE	n/a
			12 - OPH	n/a
			13 - VM	n/a
			13.1 - DVV	n/a
			14 - GovPart	n/a
			15 - DRV Bund	n/a
			16 - GUNET	n/a
			17 - CERTH	n/a

Prefinancing payment		Prefinancing guarantee		
Type	**Amount**	**Guarantee amount**	**Division per participant**	
			18 - GRNET S.A.	n/a
			19 - Neumann	n/a
			20 - DSP	n/a
			21 - IPZS	n/a
			22 - POSTE ITALIANE	n/a
			23 - 123c Consulting	n/a
			24 - SKS	n/a
			24.1 - EDELIVERY LT	n/a
			25 - SIS	n/a
			26 - 3CL	n/a
			27 - GEANT	n/a
			28 - SIDN Business	n/a
			29 - SURF BV	n/a
			30 - VECOZO	n/a
			31 - DIGDIR	n/a
			32 - SIKT	n/a
			33 - CERTSIGN	n/a
			34 - ICI BUCURESTI	n/a
			35 - UPT	n/a
			36 - UEFISCDI	n/a
			37 - ATOS SPAIN SA	n/a
			37.1 - ATOS IT	n/a
			38 - CGCOM	n/a
			39 - LOGALTY	n/a
			40 - UAH	n/a
			41 - UProf	n/a
			42 - UMU	n/a
			43 - UNED	n/a
			44 - UPM	n/a
			45 - SUNET	n/a
			46 - IntSitf	n/a
			47 - RISE	n/a
			48 - Ladokk	n/a
			48.1 - Li.U	n/a
			49 - Bank ID	n/a
			50 - Lusofona Uni	n/a
			51 - UPORTO	n/a
			52 - ISS	n/a
			53 - UC3M	n/a
			54 - NFZ	n/a
			55 - DIGG	n/a
			56 - UNIBO	n/a
			57 - URV	n/a

Prefinancing payment		Prefinancing guarantee		
Type	Amount	Guarantee amount	Division per participant	
			58 - NASK	n/a
			59 - OPI	n/a
			60 - INCM	n/a
			61 - UMAIA	n/a
			79 - HOWEST	n/a
			80 - Walt.ID	n/a
			81 - AUTh	n/a
			82 - ELTE	n/a
			83 - VMU	n/a
			84 - UMA	n/a
			85 - SAXION	n/a
			86 - HvA	n/a
			87 - UT	n/a

Reporting and payment modalities (art 21, 22):

Mutual Insurance Mechanism (MIM): No

Restrictions on distribution of initial prefinancing: The prefinancing may be distributed only if the minimum number of beneficiaries set out in the call condititions (if any) have acceded to the Agreement and only to beneficiaries that have acceded.

Interim payment ceiling (if any): 90% of the maximum grant amount

No-profit rule: Yes

Late payment interest: ECB + 3.5%

Bank account for payments:

[redacted]

Conversion into euros: Double conversion

Reporting language: Language of the Agreement

4.3 Certificates (art 24):

Certificates on the financial statements (CFS):

Conditions:

Schedule: only at final payment, if threshold is reached

Standard threshold (beneficiary-level):

- financial statement: requested EU contribution to costs ≥ EUR 325 000.00

4.4 Recoveries (art 22)

First-line liability for recoveries:

Beneficiary termination: Beneficiary concerned

Final payment: Coordinator

After final payment: Beneficiary concerned

Joint and several liability for enforced recoveries (in case of non-payment):

Limited joint and several liability of other beneficiaries — up to the maximum grant amount of the beneficiary

Joint and several liability of affiliated entities — n/a

5. Consequences of non-compliance, applicable law & dispute settlement forum

Applicable law (art 43):

Standard applicable law regime: EU law + law of Belgium

Dispute settlement forum (art 43):

Standard dispute settlement forum:

EU beneficiaries: EU General Court + EU Court of Justice (on appeal)

Non-EU beneficiaries: Courts of Brussels, Belgium (unless an international agreement provides for the enforceability of EU court judgements)

6. Other

Specific rules (Annex 5): Yes

Standard time-limits after project end:

Confidentiality (for X years after final payment): 5

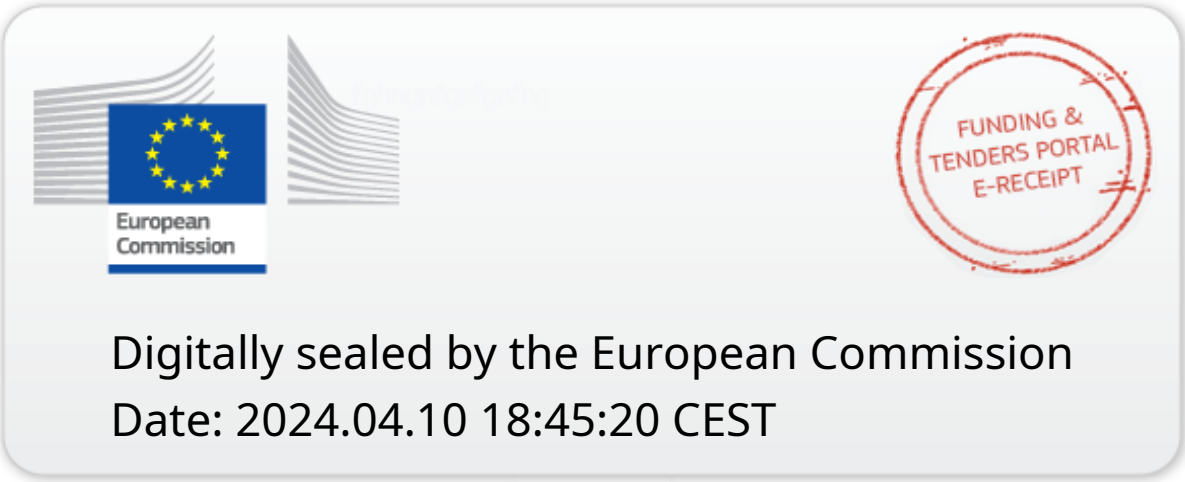
Record-keeping (for X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Reviews (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Audits (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Extension of findings from other grants to this grant (no later than X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Impact evaluation (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)



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