

DIGITALIS

KICK OFF MEETING
15 – 02 – 2022

1

AGENDA of the meeting:

1. Background of the project
2. Objectives
3. Implementation
4. Results
5. Partners
 - Fondazione Democenter-Sipe
 - Doxee
 - Prolepsis
 - Prompt
 - Epioni
6. Activities
7. Budget

1. BACKGROUND

The **DIGITALIS** project will focus on **female informal caregivers (FICs)** with **special focus on those providing long-term homecare and who need to re-enter the labour market after a long period of inactivity**. Within the “Informal care in Europe” (Verbakel and al., 2017) it was revealed that on average, 34.3% of the population in 20 European countries were informal caregivers and 7.6% were intensive caregivers (providing care for minimum 11 h a week) with a prevalence among middle-aged women (50-59 years old) who are likely to be the first to respond to higher demands for informal care, while they are also the major target groups in employment policies aiming for increased labour market participation.

The DIGITALIS project will tackle two major needs of the target group:

- Needs in terms of training opportunity: from a major data collection conducted in 2017 by COFACE Families Europe, it appears that almost 2/3 of the respondents were never offered the opportunity to take part in any training, or skill development.
- Need to enhance professional experience and diversify opportunities for employability after a long period of time out of the labour market: by providing long-term care, FICs have acquired informal learning in different fields related to care support and most of the time they are not aware of it

2. OBJECTIVES

The main objective of the DIGITALIS project is to empower female informal carers with the essential digital skills and knowledge to fully exploit the potential of digital healthcare services and technologies to improve their own professional situation as well as the quality of life and safety of their relatives.

SPECIFIC OBJECTIVES:

- **SO1:** Improve the digital skills and competences of female informal carers for employability through an adapted and tailored-made training programme in 2 Piloting Countries (Greece and Hungary);
- **SO2:** Define and validate a complete national digital healthcare services and technologies landscape and the related digital skills roadmap according to the female informal caregivers' needs in 2 Piloting Countries (Greece and Hungary);
- **SO3:** Develop, test and assess innovative e-learning courses and modules based on social innovation and human-centered approaches to better respond to female informal carers learning needs;
- **SO4:** Structure the main results, lessons learnt, informal carers testimonies and policy recommendations into a practical guide to enable dissemination and replicability at the European level.

The project will address the challenges of training and recognition of informal carers' status on a European scale through **two Pilot Sites**: one in Greece and one in Hungary and will facilitate the large-scale transposition of the methods and contents developed through the creation of a scale-up and replication guide.

3. IMPLEMENTATION

36 MONTHS (01/02/2022 - 31/01/2025), 4 PROJECT RESULTS:

- **PR1 (M9):** To design a digital needs and assessment scheme, adapted to female informal caregivers (FIC) to allow an adapting mapping and inventory digital health care services and digital skills
 - DEMOCENTER will design the common digital healthcare services and skills methodology aiming to assess the FIC' digital needs
- **PR2 (M29):** To concretely develop a set of digital training content modules and sessions
 - PROLEPSIS will lead the development of a set of digital training content modules and sessions for FICs
- **PR3 (M29):** To develop the e-learning platform to support the test and assessment of digital training content modules and sessions
 - PROMPT will propose several activities that will progressively lead to the development of the e-learning Beta version platform to support the test and assessment of the digital training content modules and sessions produced in PR2. (DOXEE for video implemented in PR2)
- **PR4 (M34):** To build a replication guide to scale-up the Project Results at the European level
 - DEMOCENTER will design a Replication Guide plan and produce dedicated material highlighting the main results and lessons learnt.

The final Project Result will also provide policy recommendations and guidelines for improving the status of informal caregivers and their access to training opportunities in Europe and more largely, adult education programmes at the national and European scales.

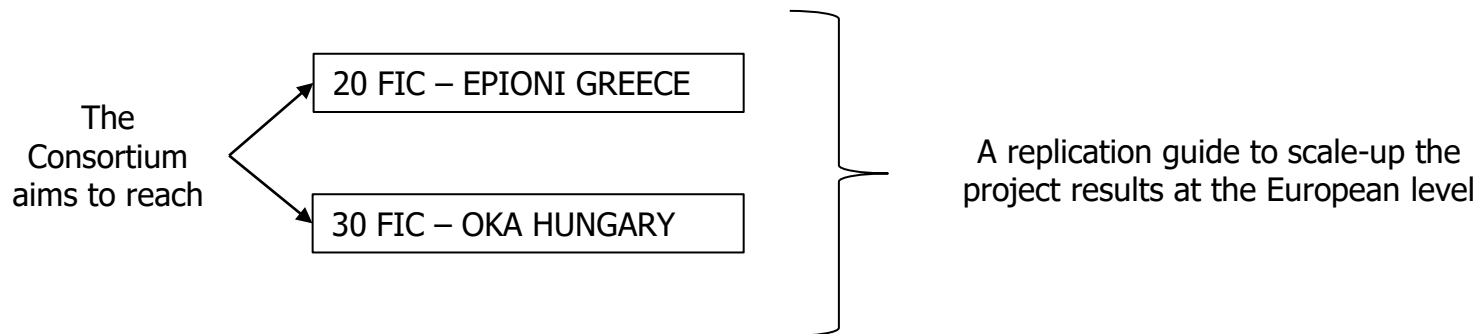
4. RESULTS

TWO FOCUS GROUPS (3 volunteers' female * Greece/ Hungary) **INVOLVED**

5 co-creation workshops to better frame and support the development of the digital skills training programme content with each focus group = 10 workshops (1/2 day – from M10 to M18). To discuss the training content and to discuss the needs of the target groups in order to discuss THE 5 ONLINE MODULES:

- MODULE 1 - Basic digital skills and competences for caring for older adults (using the DigComp frame)
- MODULE 2 - Assistive technologies and health related information services
- MODULE 3 - Self-monitoring and disease management by using ICT
- MODULE 4 - Digital adherence technologies (smartphone-based technologies, digital pillboxes, etc.)
- MODULE 5 - Social networks, online communities for active and healthy ageing

From Module 2 to Module 5, the content will be adapted to the national environment of the 2 Pilot Sites with the main objective to provide learning content combined with digital resources directly related to their national context



Special focus on those providing long term homecare and who need to re-enter in the labour market after a long period of inactivity

5. PARTNERS

FONDAZIONE DEMOCENTER-SIPE

Democenter-Sipe Foundation gathers Institutions, Trade Associations, Banking Foundations and local Companies

- ❑ MODENA PROVINCE AND MUNICIPALITY
- ❑ UNIVERSITY OF MODENA AND REGGIO EMILIA
- ❑ MODENA CHAMBER OF COMMERCE
- ❑ MODENA SAVINGS BANK FOUNDATION
- ❑ CARPI FOUNDATION
- ❑ VIGNOLA FOUNDATION
- ❑ MIRANDOLA FOUNDATION
- ❑ UNICREDIT BANK
- ❑ EMILIA ROMAGNA POPULAR BANK
- ❑ > 60 DIFFERENT COMPANIES



Promote, Manage and Implement R&D projects

Offer services including Business incubation and acceleration for hi-tech Start-up

Support international networking creation for R&D projects

A new Model of Integration between University and local District

DEMOCENTER promotes a network innovation model in the Modena area to support and develop the Mechatronics and Automotive district and the Biomedical district.

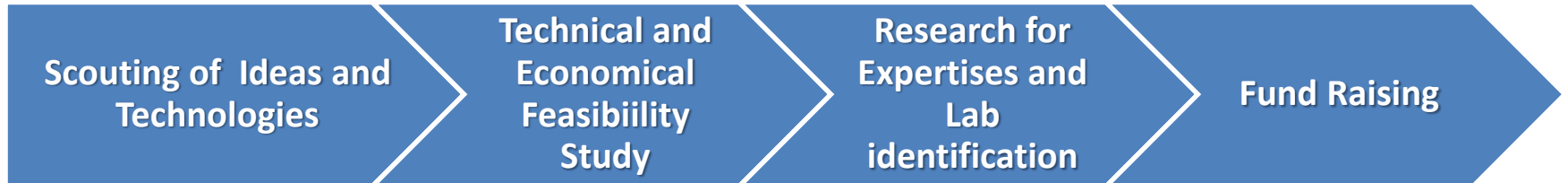
DEMOCENTER choose to specialize in these two strategic sectors, accompanying their development by means of transversal skills such as Digital Transformation, EU and territorial projects, Enhancement of skills (Higher training) and Business creation dedicated to innovative startups.



A networking structure connecting Knowledge areas (University campus) and technological transfer terminals, located and focused on local productive specializations



How do we work?



Advanced Mechanics

- Robotics, Elettronics, Automation, Motoristica, New Materials, Design, Sensoristic



Biomed & Biotech

- Medical Devices, Drug Discovery, Sensoristics, I-Health, Nanotechnologies, New Materials, Ageing



ICT

- Info-security, Artificial Vision, I-Health, Database, Big Data

- *Ferrari*
- *Maserati*
- *Lamborghini*
- *Landi Renzo*
- *CNH*
- *Doxee*
- *Walvoil*
- *Acantho – Hera*
- ...
- *Electric 80*
- *B.Braun*
- *Gambro*
- *Medica*
- *Fresenius*
- *Bellco*
- *LiuJo*
- *HPE*
- ...

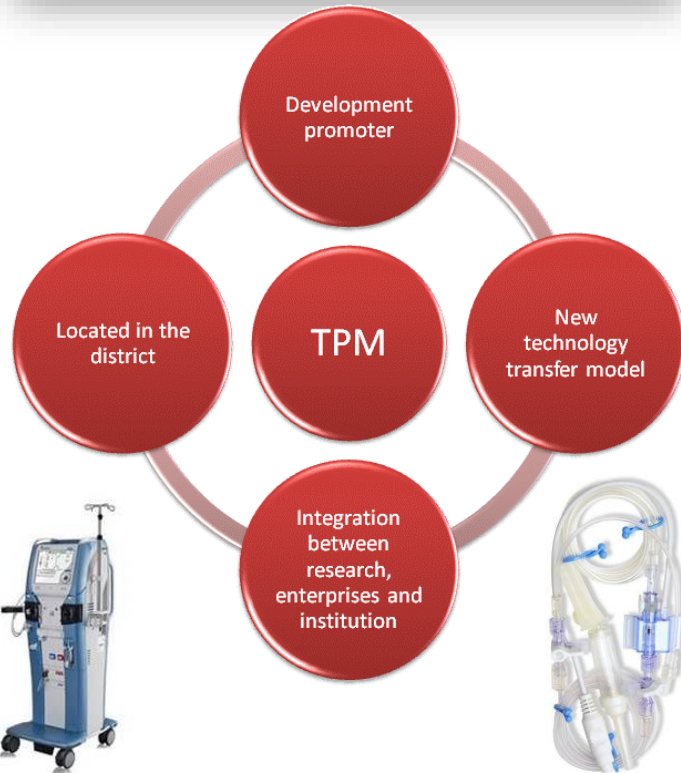


Tecnopolo Mario Veronesi

- ❑ is one of the three vertical Divisions, managed by Democenter Foundation
- ❑ helps leverage research and development for a strong biomedical presence in the region **in collaboration with a network** of regional High Technology centres

We are expert in product and process development in the biomedical field through the application of new technologies and the study of innovative materials and their modification.

Thanks to our networks we identify the best R&D partners and support international networking creation for projects and fund raising facilitating enterprises' access to public funding opportunities at regional, national and international level.



What we do

Research services for
innovation and industrial
development

Design and co-design of
medical and surgical
devices

Support for Product
Registration

Support in fund raising
for enterprises and SMEs
in the field of
biomedical, cosmetology
and food field

Technology Transfer

Incubation and
development of ideas
and start up

Education



TOP

Tossicologia e Proteomica

Consulting activities for the drafting of the study protocol and for the identification of the better analysis in vitro and/or in vivo in order to evaluate the materials' activity.



MAB

Microscopia applicata e Biologia Cellulare

Development of new protocols and cellular patterns (already under way) for biocompatibility, toxicity and regenerative medicine studies, through the use of advanced instrumentation.



MS2

Materiali, Sensori e Sistemi

MS2 laboratory supports all the companies The MS2 for the design, development, characterization and validation of new materials, products, measurement systems and equipment.



PoS

Analisi chimico/fisiche

Chemical and physical support during the design stage of a new product, until its production and validation

DOXEE SPA

SEE THE PRESENTATION

PROMPT - H

SEE THE PRESENTATION

PROLEPSIS

SEE THE PRESENTATION

EPIONI

SEE THE PRESENTATION

ROLE IN THE PROJECT

- **Democenter** will coordinate and manage the project (WP6), will lead PR1 by elaborating the digital needs and assessment scheme as well as the roadmap of digital skills and knowledge associated with e-health services and PR4 on replication and scale up at the EU level (Replication guide). DCS will also bring its expertise in the definition of training courses in the targeted sector (PR2)
- **PROLEPSIS** will lead the PR2 on the design and content production with special attention on the co-creation approach to engage the female informal caregivers all along the content production
- **PROMPT** offers a recognized training course for staff working in elderly care as well as tutors of social care educational institutions. PROMPT will be responsible for PR3 (e-learning platform), strongly involved in the other PRs notably PR1 to support the recruitment of FICs with OKA (associated partners) and will carry out additional tasks related to sharing the results and project management tasks.
- **EPIONI** i) holds events that relate to the status, role, value, and recognition of family carers; ii) conducts group therapy for family carers as well informal peer support group sessions; iii) organizes summer camps for caregivers and a social club and finally; iv) advocates for caregivers of people with mental health problems in the Ministry of Health. Within the project, EPIONI will be strongly involved in all the PRs and will lead the Sharing and Promotion activities (WP5). EPIONI will notably carry out the recruitment of the FICs (PR1)
- **DOXEE** Pvideo® technology, the design of personalized and interactive videos will create a real “learner experience” for the project: the scenarios that will be designed for the assessment of the FICs knowledge acquisition (in PR3) will be animated through this technology to maximise the efficiency of the training and level of engagement of informal caregivers in PR3

BUDGET

ACTIVITIES	?
Project Management and Implementation	The purpose of these funds is to cover diverse expenses that any project may incur, such as planning, communication between partners, small-scale project materials, virtual cooperation, local project activities, promotion, sharing of project results and other similar activities not covered by other types of funding. (500 € * M Coordinator/ 275 € * M partner) - pag. 39
Transnational Project Meetings	To enable a fluent project communication among partners and achieve the implementation of the project, Transnational Project Meetings (TPM) will be organised as a key management tool. Meetings will be scheduled for every six months.
Project Results	Activities related to the performing of the 4 PRs
Multiplier Events Total	Grant support for multiplier events can only be asked for if the project intends to produce substantial project results.
Exceptional costs	5200€: Developing an online collaboration platform for the partnership ;15 tablets for Hungary at a cost of 100€ each 1000€: Providing caregivers who do not have access to a tablet/laptop with an adapted IT equipment to follow the online training (10 tablets for Greece).

TRANSNATIONAL PROJ MEETING (pag. 40)

N	Leading Organization	Meeting Title	Where	When	N* of participants	€
1	DEMOCENTER	KO	VIRTUAL	02/2022	8	0
2	DOXEE	1 st progress meeting	VIRTUAL	07/2022	8	0
3	PROLEPSIS	2 nd progress meeting	VIRTUAL	01/2023	8	0
4	PROMPT – H	3 rd progress meeting	Hungary	07/2023	8	4 600
5	EPIONI	4 th progress meeting	Greece	01/2024	8	3 450
6	DOXEE	5 th progress meeting	Italy	07/2024	8	3 450
7	DEMOCENTER	Final meeting	Belgium	01/2025	10	5 750
TOTAL					58	17 250

575 € * participant

PROJECT RESULTS (pag. 50)

N	Leading Organization	Result Title	Start	End	€
1	DEMOCENTER	Designing a common digital healthcare services and skills methodology to assess the informal caregivers digital needs	02/2022	10/2022	40 995
2	PROLEPSIS	Developing, testing and assessing a set of digital training content modules and sessions for informal caregivers	08/2022	09/2023	74 955
3	PROMPT – H	Developing the e-learning platform to support the digital training content modules and sessions	03/2023	06/2024	83 065
4	DEMOCENTER	Designing a replication guide to scale-up the project results at the European level	11/2022	11/2024	23 200
TOTAL					222 215

1. PROJECT RESULT

LEADER	DEMOCENTER
NAME	Designing a common digital healthcare services and skills methodology to assess the informal caregivers digital needs
PARTNER INVOLVED	PROMPT-H, EPIONI, PROLEPSIS
OBJECTIVE	<p>This PR, aiming at designing a shared digital healthcare services and skills methodology will have the following specific objectives:</p> <p>Objective 1: to get a clear picture about the present level of basic digital skills of FICs in the target countries;</p> <p>Objective 2: to define and validate a list of digital tools widely used by FICs in the piloting countries (Greece and Hungary) to care of the older adults that have in charge;</p> <p>Objective 3: to determine how far the FICs are aware of the potential of the new, sensor-based technologies, digital monitoring and telecare systems.</p>
DURATION	01/02/2022 31/10/2022
OUTPUT	Studies / analysis – Questionnaire development and survey implementation

1. TIMELINE

	2022												2023												2024												2025
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	
WP1																																					
TASK 1.1: - Elaboration of the digital needs and assessment scheme – DCS with the support of PROMPT, PROLEPSIS, EPIONI																																					
TASK 1.2 Recruitment and assessment of digital inclusion of informal carers (equipment/facilities) and digital skills baseline – EPIONI for GR and PROMPT for HU EPIONI for Greece and PROMPT with the support of OKA																																					
TASK 1.3: – Inventory of relevant to ICs digital healthcare services and technologies used/available in each partner country – PROMPT The e-health services pre identified and previously introduced will be a basis for the production by PROMPT with the support of DCS and PROLEPSIS																																					
TASK 1.4 Roadmap of digital skills and knowledge associated with health services and technologies - DCS Based on the analysis of the assessment results performed in T1.2 DCS with the support of EPIONI and PROMPT																																					

PARTNER	PERSONEEL INVOLVED	DAYS OF WORK	GRANT * DAY	TOT €
DEMOCENTER	Teachers/trainers /researchers	80	214	17 120
PROMPT - H	Teachers/trainers /researchers	120	74	8 880
EPIONI	Technicians	100	102	10 200
PROLEPSIS	Teachers/trainers /researchers	35	137	4795
TOTAL				40 995

2. PROJECT RESULT

LEADER	PROLEPSIS
NAME	Developing, testing and assessing a set of digital training content modules and sessions for informal caregivers
PARTNER INVOLVED	PROMPT-H, EPIONI, DEMOCENTER
OBJECTIVES	<p>Objective 1: elaborate a training methodology relevant to the learning needs of the target group;</p> <p>Objective 2: develop teaching curriculum with learning outcome-oriented approach as a solid basis to the content development;</p> <p>Objective 3: co-create the learning content with the active commitment of informal carers and deliver its localized versions aligned with the special demands of the target countries (Hungary and Greece).</p>
DURATION	<p>01/08/2022</p> <p>30/09/2023</p>
OUTPUT	Course / curriculum – Design and development

2. TIMELINE

	2022												2023												2024												2025											
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN												
WP2	[Timeline bars for WP2 tasks and deliverables]																																															
TASK 2.1: Course design based on the results of PR1 - PROMPT	Deliverable 2.1: Digital education methodology (focus on informal caregivers) – M10																																															
TASK 2.2: Learning Outcome Oriented Curriculum development for content - PROMPT	Deliverable 2.2: DIGITALIS Curriculum																																															
TASK 2.3: Co- creation content development approach - PROLEPSIS	Deliverable 2.3 - Co-creation content development frame – M18																																															
TASK 2.4 Training modules content production (including scenarios for assessment) in EN and review - PROLEPSIS	Deliverable 2.4 – Online training content in EN, including the scenarios for assessment – M20																																															
TASK 2.5: Translation and Localisation of the learning content - PROMPT	Deliverable 2.5 – Online training content in HU and GR – M20																																															

PARTNER	PERSONEEL INVOLVED	DAYS OF WORK	GRANT * DAY	TOT €
PROLEPSIS	Teachers/trainer s/researchers	235 150	137	32 195 20 550
DEMOCENTER	Teachers/trainer s/researchers	45	214	9 630
PROMPT - H	Teachers/trainer s/researchers	365 265	74	27 010 19 610
EPIONI	Technicians	60	102	6 120
TOTAL				74 955 55 910

3. PROJECT RESULT

LEADER	PROMPT-H
NAME	Developing the e-learning platform to support the digital training content modules and sessions
PARTNER INVOLVED	PROLEPSIS, DEMOCENTER, EPIONI, DOXEE
OBJECTIVES	This project result will address the following needs: - Informal carer has to be involved into the life-long-learning for utilizing the available digital technologies in caring older adults; - Learning-by-doing methodology is a demand for developing digital skills; - There is a need for turning the traditional teaching methods to digital not only in general education but in the adult education as well. The platform provides opportunity to gain digital skills by working, collaborating in digital environment by communicating, discussing sharing knowledge in a community of other participants.
DURATION	01/03/2023 30/06/2024
OUTPUT	Open / online / digital education – E-learning course / module

3. TIMELINE

	2022												2023												2024												2025
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	
WP3																																					
TASK 3.1: Development of the e-learning platform (beta version) – PROMPT																																					
TASK 3.2: Integration of the training modules and continuous optimization of the platform (final version) - PROMPT																																					
TASK 3.3: Test and assessment of the training programme by the informal carers - PROMPT																																					
TASK 3.4 Implementation of interactive and animated videos for scenarios assessment - DOXEE																																					
TASK 3.5: Finalisation of the online course based on feedback of the pilots - PROMPT																																					

PARTNER	PERSONEEL INVOLVED	DAYS OF WORK	GRANT * DAY	TOT €
PROMPT - H	Teachers/trainers/researchers	210	74	15 540
PROLEPSIS	Teachers/trainers/researchers	105	137	14 385
DOXEE	Technicians	250	162	40 500
DEMOCENTER	Teachers/trainers/researchers	40	214	8 560
EPIONI	Technicians	40	102	4 080
TOTAL				83 065

4. PROJECT RESULT

LEADER	DEMOCENTER
NAME	Designing a replication guide to scale-up the project results at the European level
PARTNER INVOLVED	PROMPT-H, EPIONI, PROLEPSIS
OBJECTIVES	<p>The guide will be produced in EN, GR, HU and also in Italian to favor and ease the scale up in the country. PR4 will cover the following identified needs:</p> <ul style="list-style-type: none"> - Provide practical lessons learnt and testimonies from the learners (informal caregivers) on the training programme and the project general approach for future replication by followers and potential Pilot Sites. - Elaborate key guidance on the major steps allowing a successful implementation of the training programme: recruitment of the informal carers; animation of the informal caregivers' community to commit them during the entire process (digital needs and assessment, co-creation content approach, role of mentors); - Create material with comparative data for carers in EU Countries.
DURATION	01/11/2022 30/11/2024
OUTPUT	Studies / analysis – Best practice guidelines / report

4. TIMELINE

	2022												2023												2024												2025
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	JAN	
WP4																																					
TASK 4.1: Design of the replication guide plan – DEMOCENTER																																			Deliverable 4.1 Replication guide plan – M30		
TASK 4.2: Production of material for the replication guide - PROMPT Different type of material will be produced by PROMPT with the support of DCS, EPIONI and PROLEPSIS																																			4.2 Replication guide production including scale-up promotional material – M34		

PARTNER	PERSONEEL INVOLVED	DAYS OF WORK	GRANT * DAY	TOT €
DEMOCENTER	Teachers/trainer s/researchers	60	214	12 840
PROLEPSIS	Teachers/trainer s/researchers	30	137	4 110
PROMPT - H	Teachers/trainer s/researchers	50	74	3 700
EPIONI	Technicians	25	102	2 550
TOTAL				23 200

MULTIPLIER EVENTS (pag. 50)

N	Leading Organization	Result Title	Start	End	€
1	PROLEPSIS	DIGITALIS National Initial Conference "Invitation and presentation of the training programme to learners" in the Greek language area (ME1)	09/2023	09/2023	2 000
2	PROMPT – H	DIGITALIS National Initial Conference "Invitation and presentation of the training programme to learners" in the Hungary area (ME2)	09/2023	09/2023	3 000
3	EPIONI	DIGITALIS National Final Conference "Promotion of the trainings and the results" in the Greek language area (ME3)	12/2024	12/2024	2 500
4	PROMPT – H	DIGITALIS National Final Conference "Promotion of the trainings and the results" in the Hungary area (ME4)	12/2024	12/2024	2 500
4	DEMOCENTER	DIGITALIS Final conference in Brussels (ME5)	01/2025	01/2025	12 000
TOTAL					22 000

BUDGET FOR EACH PARTNER

FONDAZIONE DEMOCENTER SIPE

ACTIVITIES	BUDGET
Project Management and Implementation	18 000 €
Transnational Project Meetings	3 450 €
Project Results	12 000 €
Multiplier Events Total	48 150 €
Total grant	81 600 €
40%	32 640 €

DOXEE

ACTIVITIES	BUDGET
Project Management and Implementation	9 000 €
Transnational Project Meetings	3 450 €
Project Results	40 500 €
Multiplier Events Total	0 €
Total grant	52 950 €
40%	21 180 €

BUDGET FOR EACH PARTNER

PROLEPSIS

ACTIVITIES	BUDGET
Project Management and Implementation	9 000 €
Transnational Project Meetings	3 450 €
Project Results	43 840 €
Multiplier Events Total	2 000 €
Total grant	58 290 €
40%	23 316 €

PROMPT - H

ACTIVITIES	BUDGET
Project Management and Implementation	9 000 €
Transnational Project Meetings	3 450 €
Project Results	47 730 €
Multiplier Events Total	5 500 €
Exceptional costs	5 200 €
Total grant	70 880 €
40%	28 352 €

BUDGET FOR EACH PARTNER

EPIONI

ACTIVITIES	BUDGET
Project Management and Implementation	9 000 €
Transnational Project Meetings	3 450 €
Project Results	22 950 €
Multiplier Events Total	2 500 €
Exceptional costs	800 €
Total grant	38 700 €
40%	15 540 €

NEXT STEPS

ADMINISTRATIVE

- Consortium agreement?
- Pre payment (40%)
 - Collect all info (contact person, bank account)
 - MONICA FORTI: m.forti@fondazionededemocenter.it
- Folder for shared documents: Google Drive?

PROJECT

- Monthly meeting among the partners in PR1

THANKS FOR THE ATTENTION!

