



# UPTAKE ICT2life-cycle

## digital literacy and inclusion to learners with disadvantaged background

# RESULTS

# IMPACT

# FUTURE ACTIVITIES



# INDEX



# Production of Preparation Materials

<http://w3.ese.ipsantarem.pt/uptakeict/>

## A1 - Branding and Logo Creation

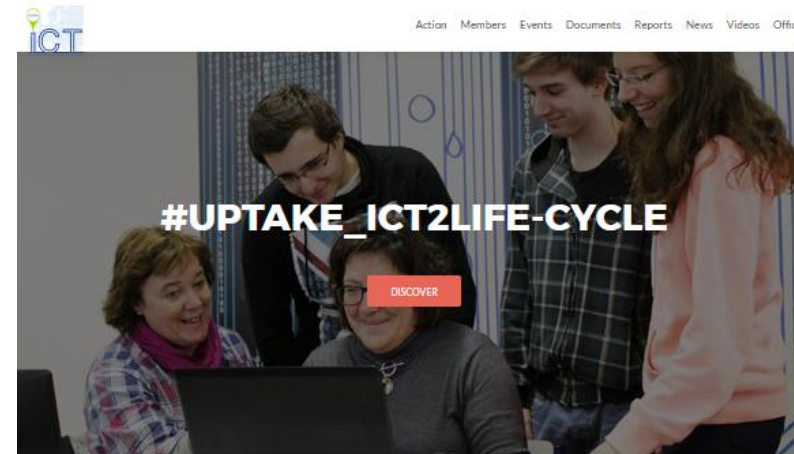
**UPTAKE ICT**

PROJECT LOGO IDENTITY STANDARDS

# Production of Preparation Materials

<http://w3.ese.ipsantarem.pt/uptakeict/>

## A2 - Website Development



### FEATURES

The intention with the project ...

#### SOCIAL INNOVATION

Identify and share good practices in Societal innovations (digital literacy, inclusion and employability)

#### SKILLS

Focus on new knowledge and skills: basic and transversal development

#### INTEGRATION

Ensure equity in the exercise of rights, namely to help citizens with disadvantaged backgrounds (social / geographical) to integrate ICT in their lives

#### USE

Disseminate results (in a diversity of modes), promote impact (in science, society, technology, policy and market), sustainability, dissemination and exploitation

### ABOUT OUR ACTIVITIES

GO

# Educational Content and Support

<http://w3.ese.ipsantarem.pt/uptakeict/>

## DESCRIPTION

Development of educational content in multi-formats and modalities to ensure training in basic, intermediate and advanced level e-skills

**A1**

Creation of the  
Educational  
e-modules

**A2**

MOOC  
Development

**A3**






Educational  
Ebook Content

**A4**

Digital Tool  
for the Contents



<http://eraizes.ipsantarem.pt/moodle/course/>

-  Ligar e Desligar o Computador em segurança
-  Como produzir um texto no computador
-  Como fazer uma pesquisa de Imagens
-  Como criar conta de correio eletrônico (e-mail) - Gmail
-  Como enviar e receber correio eletrônico utilizando o Gmail

# Educational Content and Support

## A2 – MOOC Development



<http://cctic.ese.ipsantarem.pt/digital4all/>



# Educational Content and Support

<http://pt.calameo.com/read/0042163423d0c3b35c38c>

## A3 – Educational Ebook Content





# Paper About the Educational Contents Produced

<https://library.iated.org/view/POTESBARBAS2016UPT>

## A1 - Dissemination

### UPTAKE ICT - AN ERASMUS+ PROJECT FOR DIGITAL INCLUSION

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R. Preisinger-Kleine<sup>7</sup>

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<sup>2</sup>Universidade Aberta (PORTUGAL)

<sup>3</sup>Viatecla (PORTUGAL)

<sup>4</sup>Digizen Srl (ITALY)

<sup>5</sup>University of Strathclyde (UNITED KINGDOM)

<sup>6</sup>Sapienza - Università di Roma (ITALY)

<sup>7</sup>praxis und wissenschaft p&w projekt gesellschaft mbh (GERMANY)

According to Eurostat, in 2013 Portugal was the fifth country with the highest percentage of people that never used the Internet (33% of the population), preceded by Romania (42%), Bulgaria (41%), Greece (36%) and Italy (35%). On the other hand Denmark and Sweden have the lowest, both with 4%. Germany and United Kingdom have also low percentage 13% and 8% respectively. The average in the 28 EU member countries is 21%.

Information and communications technology (ICT) are becoming more prevalent in all areas and fields of society.

The digital inclusion has been seen as very beneficial to the individual, economy and society. So for the digital excluded, namely with disadvantaged background, like social exclusion, geographical exclusion or age exclusion (elderly), the ICT can take an even more important role to help them integrate in society.

Despite a growth in the number of Internet users in the last decades, there are still a lot of people that don't use, or even never used this tool.

This project aims to address this problem by engaging synergies of nine partners in four countries (Portugal, Italy, United Kingdom and Germany) whose good practices will be shared and validated by the Science and Technology Foundation in Portugal. This network will work both at local, regional, national and international levels in transversal and trans-sectorial areas, both in terms of the partners involved (academic and enterprise), and in terms of the focus group (VET; adult education with disadvantaged background; HEI with special focus on this group) literacy inclusion, re-qualification and employability.

# Pedagogical and Didactical Guidelines

## A1 – Pedagogical and Didactical Guidelines



**Uptake\_ICT2life-  
cycle: digital literacy  
and inclusion to  
learners with  
disadvantaged  
background**



**Pedagogical guidelines**





# Papers About the Training Activities Step 2

## DESCRIPTION

Based on the training activity with the stakeholders (cf. O2-A4) each partner country will produce a paper about the results of that experience.

### Abstract & Final Paper Management System

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UPTAKE ICT: A NETWORK OF STAKEHOLDERS AGAINST DIGITAL ILLITERACY

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### UPTAKE ICT: A NETWORK OF STAKEHOLDERS AGAINST DIGITAL ILLITERACY

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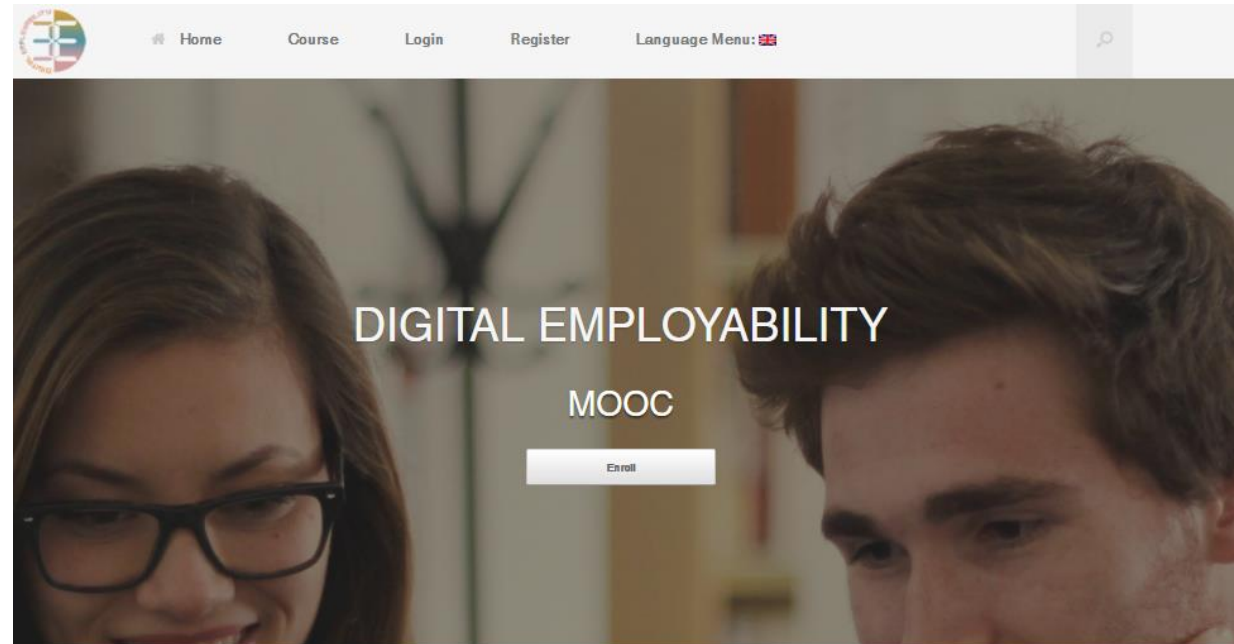
#Uptake ICT2life-cycle: digital literacy and inclusion to learners with disadvantaged background# is an Erasmus + project that aims at enhancing digital literacy among adults with disadvantaged backgrounds. The partners have produced didactic materials and pedagogical guidelines to meet this aim. Based on these materials, and their didactical exploitation, a network of stakeholders was formed and trained in order to subsequently be able to teach citizens that both have disadvantaged backgrounds and are digitally illiterate or quasi-illiterate. This paper relates how this experience was undertaken in Portugal in what concerns the creation of the Stakeholders' network and presents its results.

Keywords: #Uptake ICT#, Adult Education; Good practices; Stakeholders; Access for Disadvantaged; Digital Competences

[https://iated.org/concrete3/paper\\_detail.php?paper\\_id=47616](https://iated.org/concrete3/paper_detail.php?paper_id=47616)

# Massive Open Online Course on Employability

<http://handsontime.ipsantarem.pt/digital-employability-entrepreneurship/>



## Objectives

What we want with this MOOC is to involve the students of the Polytechnic Institutes, throughout their training, in research activities in order to value interdisciplinary projects, to contribute to the increase of the percentage of employment in the ICT area, to promote entrepreneurship and Increase motivation rates.



### Employability

Nowadays one of the main reasons for a strong economy is the quality of the companies that are built in it. This company quality is mainly built upon the skill and character of the workers of said company.

[Read more](#)



### Freelancing

Freelancing is a growing phenomenon. More and more individuals tend to seek the freedom and responsibilities of self-employment, creating synergy with fellow freelancers to embark in more ambitious projects.

[Read more](#)

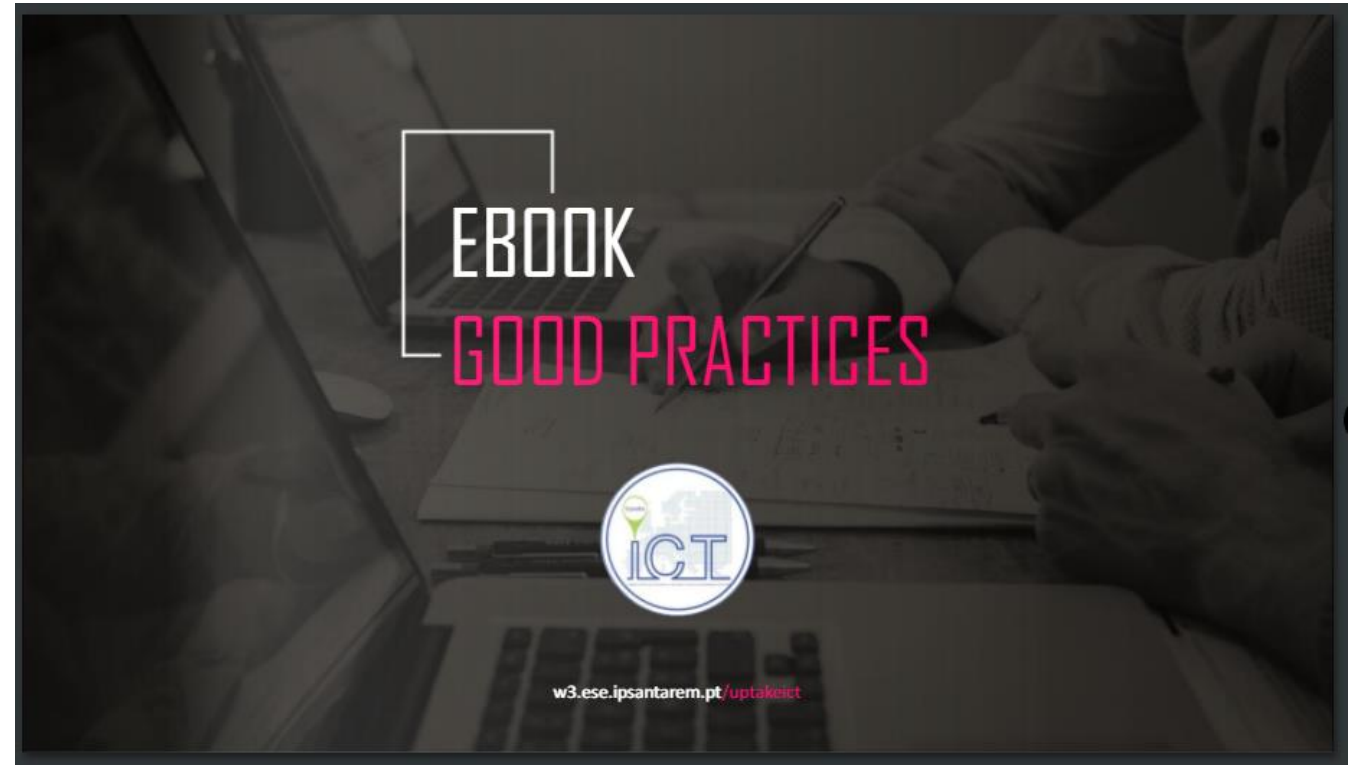


### Entrepreneurship

Entrepreneurship is a force that renews an economy. Even though it is something that is normally linked with the creation of companies, the is not always the path chosen by the entrepreneur. The entrepreneur spirit is more than one of the traits of a businessman, it's a trait of someone who wants to achieve success.



# Ebook on Good Practices



<https://pt.calameo.com/read/0051365530e08737f512e>

# Papers About Uptake ICT Project

UPTAKE ICT  
PAPERS COLLECTION



<https://pt.calameo.com/read/00513655372eb11d98434>



# Multiplier Events

## #V Artibytes\_IDEAS TO (RE)USE

> Uptake ICT  
> Projects and Internationalisation  
in Multimedia Production

Instituto Politécnico de Santarém  
Escola Superior de Educação  
31 de Maio

### 09:00 ERASMUS + Strategic Partnerships: Uptake ICT 2 life-cycle

**Uptake ICT 2 life-cycle: digital literacy and inclusion for learners with disadvantaged background**, Maria Potes Barbas  
**Uptake ICT evaluator**, Ana Neves (FCT\_DSI)  
**Elearning: UAB and Uptake ICT**, Isabel Barros Dias (UAB)  
**MOOC: Digital Literacy 4 all**, Paulo Branco  
**Mobile Learning**, Ricardo Raminhos (Viatecia)  
**Digital Literacies: cultural and social practices in the UK**, Cristina Costa (Ustratchelyle)  
**Digital literacy as cornerstone of knowledge society. Focal points and initiatives in Germany**, Randolph Preisinger-Kirne (Preisinger)  
**Digital Competences: Italian program of action-research and educational activities**, Ida Cortini (La Sapienza)  
**Monitoring e-tool for quality in training and evaluation**, Pierpaolo De Luca (CEO DSURome)  
Comentador: Isabel Falcó (UAB)

### 10:15 Coffee Ideas

### 10:30 Projetos e Internacionalização

**Projetos na IPSantarém**, Helder Pereira  
**International School IPSantarém**, José Rodrigues  
**Lançamento da Pós-Graduação em Projetos e Internacionalização**, Maria Potes Barbas  
Comentador: Jean Campiche

### 11:00 Programas de Financiamento

**Captação de Verbas no Ensino Superior Politécnico**, Propriedade Intelectual, Jorge Justino  
**Programa de Modernização e Valorização dos Institutos Politécnicos**, Niquel Castanheira (FCT)  
**POCH**, Pedro Taborda  
**POISE**, Domingos Lopes\*  
**Youth**, Pedro Reis  
**Erasmus + KA2 Strategic Partnerships**, Rui Gato  
**Erasmus + Joint Master degree**, Lara Albino  
**Cidades e Regiões com Conhecimento**, Salomé Rafael (Nesant)  
**DSPE-DGE**, João Carlos Sousa  
Comentador: Helder Pereira

### 12:30 Almoço Interativo (esplanada da ESES)

### 14:00 Ideas to (re)use

**A. Serviços (competências digitais em atividades de âmbito social)**  
**Impacto do elearning na aprendizagem: ambientação tecnológica, integração social e processos de mudança (F2F elearning)**, Bordoal Pacheco + Susana Franco + Ana Torres + Alcina MII-Homenes + Maria Gomes + João Samartinho + Rosa Oliveira  
**#Growing Ideas? Fab Labs 2 (re)use from prototype to workplace**, Václav Gouviea + Henrique Monserrate + Isabel Falcó (UAB)  
**HANDS ON TIME (INTEGRATED, MOOC, IDEAS)**, Maria Potes Barbas + Fábio Mortari (FCT\_DSI) + Teresa M. Carmo + José Vasconcelos e Sá + João Galvão + Ricardo Viatas + Mário Duarte + Rosa Oliveira + Isabel Barros Dias (UAB) + Nuno Pimenta + Paulo Branco + Viatecia + Prólogo  
**B. Artes, cultura e património, incluindo indústrias criativas**  
**Pintar... para lá dos Riscos**, José Soares + Ana da Silva + Cristina Novo + Cátia Flor + João Archer de Carvalho  
**GameArt**, Mauricio Dias + Bruno Curado + Ana Bento + Ana Almeida  
**Galeria Virtual de APM**, Ana da Silva  
**Projeto Arte na Rua**, Ana da Silva + Filipe Melo (RESITEJO) + Jiv Data (U.Timimora)  
**ETRA**, José Soares + Alexandra Faustino  
**Mãos à obra**, arte+educação, Ana da Silva + José Soares + Celso Batista + Patrícia Viegas + Daniela Schinderman  
**educARTE**, Margarida Tognato + Célia Barroca + Gracinda Hamido + DGE-PEEA  
**Agrupamento de Escolas nº 2 de Abrantes** + Sociedade Artística Trasmagolense

**C. Agroalimentar, florestas e produção animal**  
**Projecto NET#MASP**, Rede em Agro-Silvo-Pastorícia Mediterrânica, José Potes

**D. Indústria, energia, ambiente e gestão de tecnologia**  
**Sensibilizar para o desperdício alimentar: Recursos para professores e alunos**, Elisabete Linares + Marina Correia + Marta Uva + Nuno Branco + Susana Colaco + Václav Gouviea  
**Letrinhas - Aprender a ler através de dispositivos móveis**, António Masao + Pedro Dias + Célio Marques + Cristiana Pereira + Ruiato Pestana (IPTomar)  
**Algoritmi - Ensino e aprendizagem de lógica computacional**, António Masao + Pedro Dias + Paulo Santos + Célio Marques (IPTomar)  
**The Future meets the Past**, Sandra Jardim + Hugo Silva + Sofia Neto (IPTomar)

### E. Educação e formação

**Tecnologias e Multimédia no Ensino Experimental das Ciências**, Cristina Costa + João Patrício (IPTomar)  
**IMAGInE - Imaginação em Educação**, Helena Luis + Maria Tagarro + Marta Uva + Susana Colaco + Nádia Antunes + Sofia Pimenta + Ana Sofia Teixeira + Carolina Rangel + Cristiana Fialho + Eliana Henriques + Ana Sofia Silva + Gracinda Hamido  
**#GIPE**, InStudents. Construções críticas em Psicologia e Educação, Gracinda Hamido + Helena Luis + Maria Tagarro + Lia Pappamikal + SAPE-LP, Leiria  
**Outdoor education activities with technology**, Nuno Branco + Susana Colaco + Ana Loureiro + Isabel Pissullo + Cristina Novo + Bento Cavadas  
**ROAD SHOW ... Digital goes to Inclusion**, Escola Saúde + João Beato + Maria Potes Barbas + Paulo Branco + Ricardo Matias + Isabel Sousa (UAB) + Inês Barroca (CHSantarém) + José Fernandes (IPBeja) + Rede Social de Beja  
**GO-FOR - Godparents for Refugees Between Cultures**, Cristina Novo + Ana Loureiro + Rosa Oliveira + Maria Potes Barbas + Rosário Pinto + Alcinda Reis  
**Inquiry in science and Mathematics: Creative seeds**, Bento Cavadas + Nelson Mestrinho  
**SW's do Abandono Escolar: do F2F ao elearning**, Ana Loureiro + Isabel Pissullo + TOP\_TIP to be in HEI, Maria Potes Barbas + Inês Miranda + Cristiana Marques + Gracinda Hamido + Unkaystem  
**Pós-Graduação em Projetos e Internacionalização**, Paulo Branco + João Patrício (IPTomar) + Ana Rita Padeira + Pedro Matos + Rodolfo Franco  
**EMJMD - Projects and internationalisation**, Maria Potes Barbas + Ida Cortini (La Sapienza) + Per Kammer (UNESCO) + Ana Rita Padeira + Isabel Barros Dias (UAB) + Isabel Falcó (UAB) + Isabel Sousa (UAB) + Ana Loureiro + Paulo Branco + Pedro Matos + Rodolfo Franco + Viatecia + Cionet

### 17:10 Evaluation Panel

Ana Neves (FCT\_DSI); Pedro Taborda (POCH); Rui Pingo (PCTA); Rui Gato (KA2); Pedro Reis (Youth); Domingos Lopes (POISE)\*; Salomé Rafael (Nesant); João Carlos Sousa (DSPE-DGE); Nuno Bordoal Pacheco

### 17:40 Workshops Ideas to (re)use

**SALAS:**  
M1\_POUCH; M2\_POISE; 1A\_Erasmus+; CCTIC\_DGEE; W\_EJMD; A1\_FCT

### 18:40 #ARTIBYTES CONCLUSION

**Diretor da ESES:** Nuno Bordoal Pacheco  
**Coordenadores Artibytes:** Jean Campiche + José Soares + Maria Potes Barbas  
**Assinatura da licença CAD para FABLAB**, Rui Alexandre (Segid)  
**Assinatura Sponsor PPI**...

### 19:00 Jantar (re)use

**Dynamic** - Nuno Ricky e Bruno Lopes, Ideas Dance  
**Luís Hermenegildo, Show**

\*A confirmar



# Multiplier Events

## UPTAKE ICT\_ *Digital Projects for an Inclusive Society*

> Erasmus + Strategic Partnerships:  
UPTAKE ICT in Multimedia

Universidade Aberta  
**5 June**

### 10:00 Welcome

**António Costa\_** *Prime Minister of Portugal \**

**XXXXXXX\_** *Rector (UAb)*

**Rui Gato\_** *Educação de adultos (Erasmus + Portugal)*

**Maria Potes Barbas\_** *Uptake ICT Leader (ESE IPSantarem); Isabel Barros Dias\_* *Partner Leader (UAb)*

### 10:30 Digital Competences: Portugal InCoDe.2030

**Sofia Marques da Silva\_** *Professor at the Faculty of  
Psychology and Educational Sciences*

**Adérito Fernando Marcos\_** *President of UAb CC;  
Média-Arte Digital - PhD. Coord.*

### 12:30 UPTAKE ICT Arts and Multimedia

**José Bastos Soares\_** *Artist;*

**André Gomes\_** *Arts & Multimedia*

*In Timor: Let's Dance*

### 11:00 Coffee Break

### 12:45 Lunch Palácio Ceia Library

### 11:30 UPTAKE ICT\_ PARTNERSHIP

#### 2 Years in Collaboration\_ impact and results

**Maria Potes Barbas\_** *(ESE\_IPS); Isabel Barros Dias\_* *(UAb)*

**Pierpaolo De Luca\_** *(CEO Digizen SRL)*

**Ida Cartoni\_** *(Sapienza Università di Rome)*

**Randolph Preisinger-Kleine\_** *(Praxis Und Wissenschaft)*

**Cristina Costa\_** *(University of Strathclyde)*

**Ricardo Raminhos\_** *(Viatecla)*

**Moderator:** **José António Porfírio\_** *(UAb)*

*Pró-Reitor para a Gestão de Projetos de Investigação e Desenvolvimento*

### 15:00\_18:00 Uptake ICT Meeting

**Financial Report\_** *Elsa Casimiro\_* *(Viatecla)*

**Scientific Report\_** *Isabel Falé\_* *(UAb)*

\* a confirmar

viatecla

Erasmus+

UAb

Sapienza

Strathclyde



# IMPACT

## Reports

- SCIENTIFIC
- SOCIETAL
- TECHNOLOGICAL
- POLICIES

INTERIM  
REPORT  
FORM

REPORT  
1ST  
MEETING

REPORT  
2ND  
MEETING

REPORT  
3RD  
MEETING

REPORT  
4TH  
MEETING

REPORT  
5TH  
MEETING

# FUTURE ACTIVITIES

EJMD

## 1. Digital Projects for an Inclusive Society

Universidade Aberta (PT); Universiteit Van Amsterdam (NED);  
Paedagogische Hochschule Weingarten (DE); Instituto Tecnológico y  
de Estudios Superiores de Monterrey (MX); WeMole srl (IT);  
Universidad de Alcala (ES); Fundação para a Ciência e a Tecnologia  
(PT); CIONET Portugal, Lda (PT).





Erasmus +  
KA2 //  
partner

## 1. SpringIT - Systemic Program to Reform Inmate LifeLong Engagement Trough IT

Universidade Instituto Politécnico de Santarém (PT); Università Degli Studi di Roma la Sapienza (IT); Digizen srl (IT); praxis und wissenschaft projekt gmbh (DE); Associação Projeto Reklusa (PT); Universidade Aberta (PT).

## 2. #ICT4ASI: ICT eLearning 4 Adult Social Inclusion

Universidade Aberta (PT); Instituto Politécnico de Santarém (PT); Studio 212 (MKD); Hellenic Youth Participation (GR); BGVTC SE (BU); Universidade dos Açores (PT).

## 3. Language Learning Games for Migrants and Refugees (GAME ON)

IDEC (GRE); Blaz Production (FRA); DOM Spain (ESP); Iberik Education Group (DE); Instituto Politécnico de Santarém (PT); CIES (IT).



# Erasmus + KA2 // leader

## 1. NEET\_Lab: IoT Story Doing in Fab LAB's to employability

praxis und wissenschaft projekt gmbh (DE); Universidade Aberta (PT); Viatecla (PT); Aintek Symvouloi Epicheiriseon Efarmoges Ypsilis Technologias Ekpaidefsi Anonymi Etaireia (GRE); Tallinn University (EST); Direção Regional da Juventude (PT).

## 2. Trust\_lot. Adult (re)qualification

Direção Regional do Emprego e Qualificação Profissional (PT); Lithuanian College of Democracy (LT); Padagogische Hochschule Weingarten (DE); Università Degli Studi di Roma la Sapienza (IT); Universidade Aberta (PT); Viatecla (PT).

## 3. #TV T21 COMmunity# e-Skills, social inclusion and employability

Viatecla (PT); APPACDM de Lisboa (PT); Hrvatska zajednica za Down sindrom (CR); Associazione italiana persone down onlus (IT).





# Incode 2030

## Licenciatura em Comunicação Multimédia

- Inclusion
- Education
- Investigation
- Qualification
- Specialization



# UPTAKE ICT2life-cycle

## digital literacy and inclusion to learners with disadvantaged background