

Outline

Who is who?

Value proposition for high quality services

What do we need from you?

Tools and instruments

Next steps

Who is who?

General support services



Jose Usero



Jon Switters



Anett Ruszanov



Valentina Tageo



I2M team

Elena Lopez



Myriam Martin

Blueprint team





Strahil Birov



Christianne Lavin

MAFEIP team



Francisco Lupianez



Frans Folvord

Value proposition for high quality services (1)

Needs analysis => short questionnaire

Networking

- market place for twinnings, proposals, exchange => profile for the website
- decentralised meetings with study visits
- task forces for events, finding solutions => highlighted topics: ecosystem building, co-creation

Mutual learning

additional support for improvement => webinars, bilateral discussions, twinnings

Funding opportunities

- funding section on the portal (ongoing)
- newsletter selection

Value proposition for high quality services (2)

Partnering

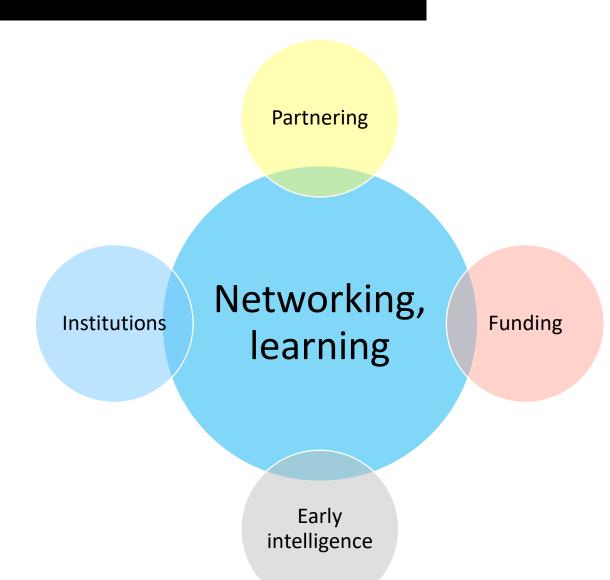
- newsletter
- portal?? Or any other ideas?

Institutional relations

- trusted, long-lasting relations => EC, CoR, EP
- high-level events with clear objectives
- Visibility for the assets and achievements

Early intelligence and opportunities for ecosystems

- DIH
- S3 partnership
- Horizon Europe co-funded partnership



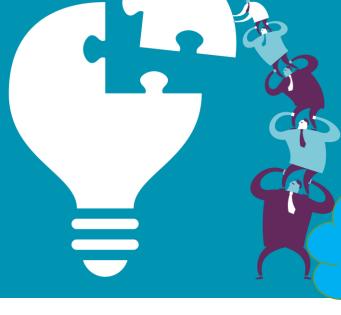
What do we need from you?



Proposals, ideas, activities



Knowledge from the ground, updated Repository



Political support - institutions CoR, EP

Tools and instruments

- platform => upload quality news
- newsletter => send

EIP on AHA Newsletter, Issue Sept 2019



News



→ Registration to the Conference of Partners 2019 is now open!

150 free tickets available to the EIP on AHA community for the 2019 Conference of Partners that will be jointly organised with the AAL Forum on the 23-25 September 2019 in Aarhus, Denmark.



→ Support for Digital Innovation Hubs (DIH): Top healthcare accelerators in Europe

An accelerator aims to take the brightest young startups and put them on a fast track to success. Learn about the best ones in Europe that might help to boost your DIH.



→ Research and innovation in the field of ICT for health, well-being and ageing - an overview

A catalogue has been published by DG CNECT of EU-

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EUROPEAN INNOVATION PARTNERSHIP

on Active and Healthy Ageing

European Commission > EIP on AHA



About the partnership

Action Groups Reference Sites I2M Blueprint MAFEIP Library News Events

Welcome to the EIP on AHA portal

This platform is a communication and information hub for all actors involved in Active and Healthy Ageing through Europe. It is the place to encourage partner engagement, promote news and events, meet and exchange ideas with peers, and look for potential partners on innovative projects. Join our growing and productive community of stakeholders. Let's work together to make the EU a place of excellence in innovation for healthy ageing!



Next steps

- Needs analysis
- Contacts and profile to kick off the work
- Enlargement of the RS community need your help!
- Call for twinning in Jan-Feb 2020
- Thematic workshops in spring 2020





Coordination of Reference Sites at national level The case of ProMIS

EIP on AHA Conference of Partners

Regional innovation scaling-up Aarhus, 24 September 2019

Antonio Maritati

ProMIS Coordinator
Director of the Health Committee and Social & Health
Relations Organization Unit – Social and Health Area
Veneto Region









WHAT IS ProMIS



ProMIS - Mattone Internazionale Salute Programme, is an **institutionalized network**, led by Veneto Region

➤ Promoting opportunities of cooperation for the Italian Regions



Promote connections with central and national institutions (Ministry of Health, AGENAS and the Health Committee)









ProMIS ACTORS

- ➤ Health Commission The Conference of the Regions and Autonomous Provinces.
- ➤ 21 regional representative/focal points (all Regions have a seat) appointed by the Regional Health Ministers.
- ➤ Other stakeholders (Ministry of Labour; Ministry of Education, University and Research; National Agency for Health; Ministry of Cohesion.









MAIN ACTIVITIES

- Management of the regional network and horizontal activities;
- Analysis of regional priorities and planning of Italian in social and health sector;
- Support collaborative activities focusing on common/complementary interests/needs;
- Identification of cross-cutting activities with other policies
- Stimulate and support Italian clusters to join European consortia and transnational initiatives;
- Support Regions and other public administrations in reciprocal knowledge and competences transfer across the network and beyond at EU level









ProMIS Tools

Communication

Info Days & thematic workshops

ProMIS News with monthly newsletter

Website section: «Subproject for supporting the Italian Reference Sites on Ageing issue»

- ➤ Repository of commitments (list of commitments submitted by Italian Regions, in the framework of EIP-AHA I and II calls)
- European projects Database (European and International projects portfolio of Italian Regions, Social-Health authorities)
- European calls section where monitoring the funding opportunities
- Thematic Working Groups









tradurre in pratica gli obiettivi strate- 800mila persone nei prossimi tre anni. liane l'ha avuto il Programma Matto- ziana. alla riduzione di quella in età servizi sociosanitari), aumento degli sionisti in diverse zone montane. La vation for active and helthy Ageing

Healthy ageing, il made in Italy premiato dall'Ue

accademico e la società civile (come per esempio le organizzazioni che calo del tasso di natalità creano stress terventi finalizzati a garantire un'ottiin un ecosistema integrato.

impegnati a investire oltre 600 milioni d'inclusione socio-culturale degli anteranno: miglioramenti nella qualità plesso, favorendo anche giovani e punta al trasferimento delle innova-Tale riconoscimento assegnato alle e sostenibilità per la salute, supporto persone attive e la conseguente dimi-Regioni, e ai loro partner pubblici e all'assistenza sociale e, infine, crescita nuzione dei carichi socio-assistenziali degli anziani e che contribuiscono a menti porteranno benefici per circa gionali.

La partecipazione all'Eip-Aha ofdi 2 anni il periodo di vita sana e atti- mografici, che perdurano ormai da di- sperimentare e implementare buone

sviluppato un modello predittivo per la diagnosi precoce di condizioni pre-L'invecchiamento demografico e il cifiche che hanno dato impulso a infragili e fragili legate a fattori sociali e sanitari. La Pa di Trento ha realizzato Commissione europea il premio come rappresentano gli anziani e i pazienti) sui sistemi di welfare e implicano la male integrazione socio-sanitaria, se- la piattaforma di sanità elettronica denecessità di interventi mirati, come condo una visione centrata sui bisogni nominata TreC (Cartella clinica del Gli 11 reference site italiani si sono politiche d'integrazione lavorativa e del paziente, e orientata a superare la cittadino) attiva, attraverso le sue applicazioni, nel contesto di continuità assistenziale ospedale-territorio. Anpartnership on active and healthy 2019, in soluzioni innovative che por-sul sistema economico nel suo com-sanitario-sociosanitario. La Campania che il Veneto è impegnato nel campo digitale con lo sviluppo della Regiodella vita della popolazione, efficienza donne. L'aumento prospettico delle zioni biomediche e tecnologiche per il nal health information exchange (Hie) mercato, sfruttando l'integrazione tra che consente ai cittadini di accedere ai ricerca, formazione e fornitura di ser- servizi sanitari elettronici. Trasversalprivati, giunge grazie alle politiche e economica e aumento della competiti- sono fonte, infatti, di ricadute positive vizi attraverso collaborazioni interna- mente, la "presa in carico della cronisoluzioni innovative attuate a favore vità. Si prevede che questi investi- sulla tenuta dei sistemi di welfare re- zionali. La Liguria sta studiando l'ap- cità" rappresenta il cuore delle buone plicazione di sistemi digitali che coin- pratiche italiane attraverso modelli gevolgano le zone rurali e arrivino ai citstionali innovativi basati sulla presa in gici dell'Eip-Aha, tra cui: aumentare Come noto, in Italia i processi de- fre, quindi, all'Italia l'opportunità di tadini maggiormente isolati. Il carico proattiva e integrata del malato.

va entro il 2020 e ridurre i costi dei si- versi anni e che influenzano l'indice pratiche capaci di sviluppare ricadute ne, per diminuire l'ospedalizzazione, missario Ue per l'economia e la sostemi sanitari. Ruolo chiave nella scadi vecchiaia, sono riconducibili all'in-positive: riduzione della spesa pubbli-formando alle tecniche dell'infermie-cietà digitali Oettinger in occasione lata a Reference site delle Regioni ita- cremento della popolazione in età an- ca (calo dei consumi e dei costi dei ristica di comunità un team di profes- dell'European summit on digital inno-

CORRIERE DELLA SERA SALUTE muovendo l'aderenza a cure basate sulle evidenze. L'Emilia Romagna ha INVIARE DENARO ON

Anziani, anche la sanità digitale aiuta a restare attivi in tarda età

Undici regioni italiane riconosciute «siti di riferimento» nell'ambito del progetto «Partenariato europeo per l'innovazione sull'invecchiamento attivo e in buona salute» Un riconoscimento alle politiche e soluzioni innovative, attuate a favore degli anziani

di Maria Giovanna Faiella

Ann Ist Super Sanità 2017 | Vol. 53, No. 1: 60-69 DOI: 10.4415/ANN_17_01_12

The Italian reference sites of the European innovation partnership on active and healthy ageing: Progetto Mattone Internazionale as an enabling factor

Maddalena Illario¹, Vincenzo De Luca¹, Giovanni Tramontano¹, Enrica Menditto², Guido Iaccarino³, Lorenzo Bertorello⁴, Ernesto Palummeri⁵, Valeria Romano⁶, Giuliana Moda⁶, Marcello Maggio⁷, Mirca Barbolini⁸, Lisa Leonardini⁹ and Antonio Addis¹⁰ for the Italian EIP-AHA Working Group*

Sanità24

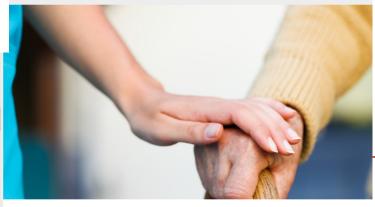
Digitale e domotica alleati di una società che invecchia. Le best practice regionali

di Lisa Leonardini (Coordinatore CTO - ProMIS Programma Mattone Internazionale Salute Regione del Veneto, Uo Commissione Salute e Relazioni socio sanitarie)



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Hot Topics

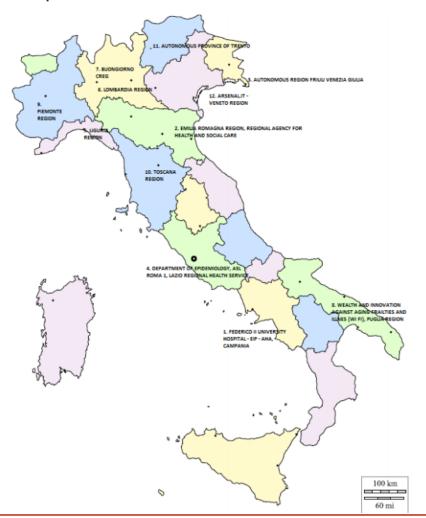


L'Europa premia 11 territori italiani per politiche digitali rivolte agli anziani

SEGNALIBRO 1 FACEBOOK 1 TWITTER | ¥

ITALIAN REGIONS RS - 2016

RS description





15% of the total European Regions









ITALIAN REGIONS RS - 2019

- 1. Campania Region
- 2. Clinica Oculistica, Ospedale policlinico San Martino;
- 3. Department of Epidemiology, Lazio Regional Health Service;
- Department of Health & Social Policies of the Autonomous Province of Trento TrentinoSalute4.0;
- 5. Friuli Venezia Giulia Autonomous Region;
- 6. Local health and social Authority ULSS 3 Serenissima (AULSS3), Veneto Region;
- 7. Lombardy Region D.G. Welfare;
- 8. Municipality of Rome;
- 9. Regional Agency for Health and Social Care of Emilia-Romagna Region;
- 10. Regione Liguria;
- 11. Regione Marche, Servizio Sanità;
- 12. Regione Piemonte and IRES;
- 13. Regione Puglia;
- 14. Sicilian Region, Regional Health Department;
- 15. Tuscany Region.

19% of the total European RS









Take home message

The engagement in international activities of Italian region:

- Has been improving collaborative activities at the regional and national level
- Has been strengthening regional contributions to innovative approaches with potential for national scale-up
- Has been stimulating coherent participation of Italian RS to EU consultations and surveys
- Improving alignment of investments for health innovation at regional and national levels

ProMIS is a success case that can be benchmarked by other Countries for the impressive progress at qualitative and quantitatve level









THANK YOU











New policy framework: 2018 EC Communication

Digital Health and Care 🐯 🗞







TRANSFORMATION OF HEALTH AND CARE IN THE DIGITAL SINGLE MARKET - Harnessing the potential of data to empower citizens and build a healthier society

European health challenges

- Ageing population and chronic diseases putting pressure on health budgets
- Unequal quality and access to healthcare services
- Shortage of health professionals

Potential of digital applications and data to improve health

- Efficient and integrated healthcare systems
- Personalised health research, diagnosis and treatment.
- Prevention and citizen-centred health services

What EU citizens expect...

90%

To access their own health data (requiring interoperable and quality health data)

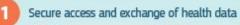
80%

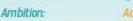
To share their health data (if privacy and security are ensured)

80%

To provide feedback on quality of treatments

Support European Commission:





Ottzens securely access their health data and health providers (doctors, pharmacles...) can exchange them across the EU.



- eHealth Digital Service Infrastructure will deliver initial cross-border services (patient summaries and ePrescriptions) and cooperation between participating countries will be strengthened.
- Proposals to extend scope of eHealth cross-border services to additional cases, e.g. full electronic health records.
- Recommended exchange format for interoperability of existing electronic health records in Europe.



Health data pooled for research and personalised medicine



Ambition:

Shared health resources (data, infrastructure, expertise_) allowing targeted and faster research, diagnosis and treatment.

Actions:

- Voluntary collaboration mechanisms for health research and clinical practice (starting with "one million genomes by 2022" target). - Specifications for secure access and exchange of health data. - Plot actions on rare diseases, infectious diseases and impact data.

Digital tools and data for citizen empowerment and person-centred healthcare



Ambition:

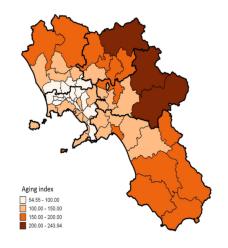
Ottzers can monitor their health, adapt their lifestyle and interact with their doctors and carers (receiving and providing

- Facilitate supply of innovative digital-based solutions for health, also by SMEs, with common principles and certification. - Support demand uptake of innovative digital-based solutions for health, notably by healthcare authorities and providers, with exchange of practices and technical assistance. - Mobilise more efficiently public funding for innovative digital-based solutions for health, including EU funding.

#DigitalSingleMarket #DigitalHealth @eHealth EU @EU Health

Actions taken to deploy reforms in the healthcare system





National

- > Plan for Chronic Diseases
- Plan for Disease Prevention
- > HTA coordination
- > HCR
- PON GOV

Regional

- Address health inequalities
- Reduce hospitalization
- Strengthen integrated home care services
- Deploy health promotion
- Align education and training

5,869 milion residents
Third most populated region

The most crowded: 432 inhab/km²

Life expectancy Campania Region / National Average (F, 2016): 83.5 / 85.1

Life expectancy Campania Region / National Average (M, 2016): 78.9 / 80.6

Life expectancy Campania Region / National Average (F, 2018): 83,7 / 85.2

Life expectancy Campania Region / National Average (M, 2016): 79,2 / 80.8

It takes many networks to implement

























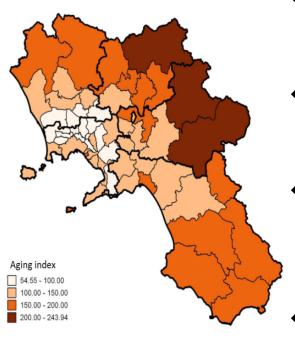








Emerging directories



- Strengthening care coordination and integration
- Increase technological readiness of the Regional Health System
- Capacity building at administrative, organizational, professional levels stimulating multidisciplinarity
- Comprehensive, multiactor and multiorganizational approach



















Campania RS Architecture: work in progress



Regional Health System

ProMIS@Campania network



Universities

University of Salerno

Federico II University of Naples

No Profit Organizations

ANT, AIMA, Health Campus, Salute in Collina, Alpha...

Industry

Campania Digital Innovation Hub (*Confindustria Campania*)

9 Active Working Groups

Health friendly people and places: *upcoming*

Link international and national GPs with regional development

The directory of health tourism

- Improve accessibility of services in internal areas
- Diversify tourist offer
- Collaborate with other regions to set up complementary offer

- > Improved sustainability of tourism activities
- > Increased attractiveness for more destinations
- > Improved system competitiveness
- > Increased social cohesion

Possible Link with RIS3: what for?

RIS: Regional Strategy for Research and Innovation for Smart Specialisation.

Gateway to the resources within the ERDF Regional Operational Programmes, framed within the objectives and thematic prioritisation set by RIS3.

- Address health inequalities
- Reduce hospitalization
- Strengthen integrated home care services
- Deploy health promotion
- Align education and training

- ➤ Capacity Building for change management in health service provision
- Support multilevel/interinstitutional governance
- Strengthen services to internal areas
- Digital inclusion and participation
- ➤ Incentivize and support multi and interdisciplinary training and education

New markets & sustainable development

Campania RS cluster evolution















Regional Decree N. 622/2014 Regional Decree N. 221/2017





Digital Innovation Hubs in Digital Europe Programme



DG Communications Networks, Content and Technology (DG CONNECT)

Directorate H Digital Society, Trust & Cybersecurity

Unit H3, eHealth, Well Being and Ageing Birgit Morlion

AAL Forum – EIP-AHA CoP Workshop 14 Regional innovation scaling-up 24 September 2019 - Aarhus

Digital Health and Care 🕸 🦠







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Support European Commission:



Secure access and exchange of health data





Ambition:

Citizens can securely access and share (e.g. with doctors or pharmacies) their health data anywhere in the EU.

Actions:

- eHealth Digital Service Infrastructure will deliver initial cross-border services (patient summaries and ePrescriptions) and cooperation between participating countries will be strengthened.
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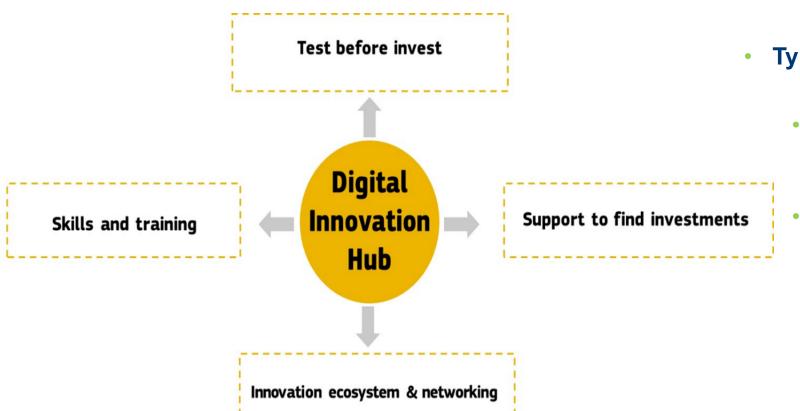
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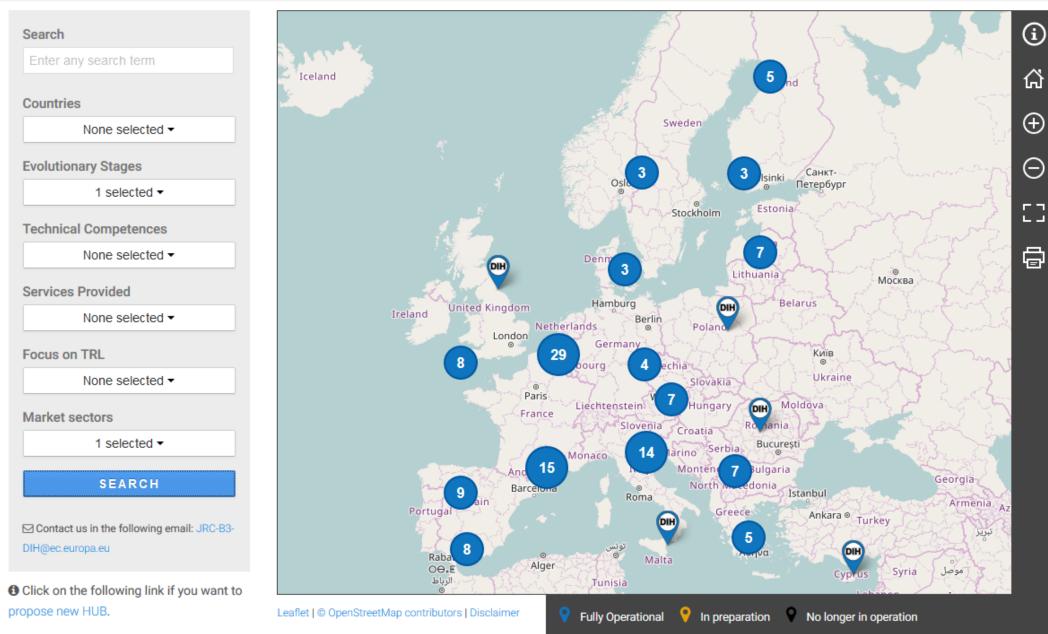
European Digital Innovation Hubs provide technological expertise and experimentation facilities to enable the digital transformation of the industry and the public sector



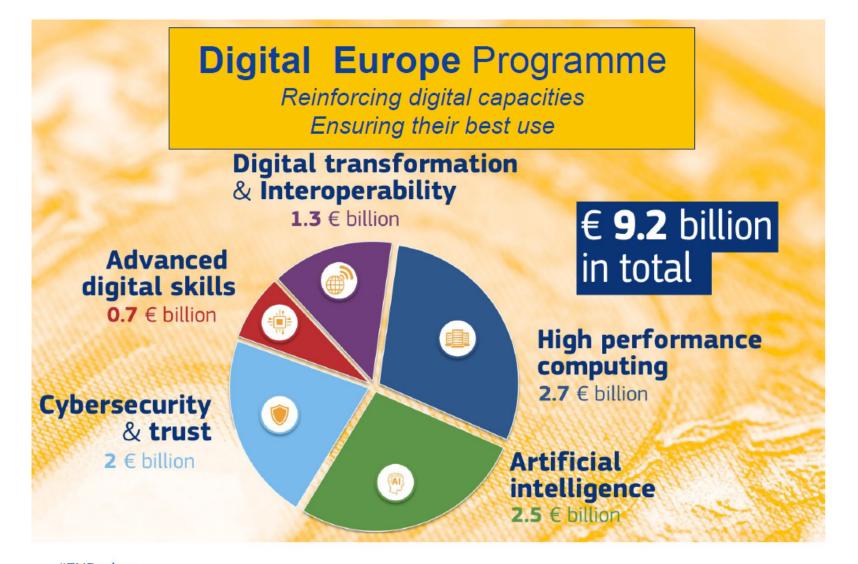
Typical participants:

- Research and Technology
 Organisations, Technical
 Universities
- In collaboration with:
 - Industry associations
 - Clusters
 - Enterprise Europe Network
 - Accelerators/Incubators
 - Innovation agencies

Digital Innovation Hubs



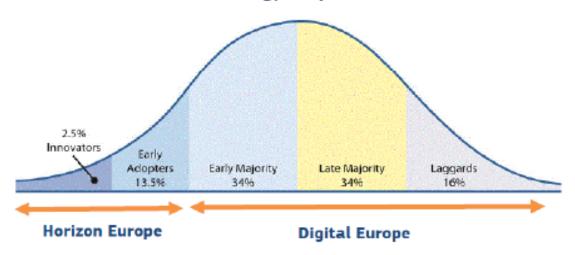
Digital Europe programme – What?





Allocated at European level

Technology adoption curve



Horizon Europe: Support to SMEs and mid-caps to experiment with highly innovative digital technologies in a cross-border setting

Digital Europe: Digital transformation of SMEs and administrations across the whole economy, with a focus on AI, HPC, cybersecurity and digital skills

InvestEU: Incentives and risk reduction programmes to help companies find follow-up investment to further complete their digital transformation

European Regional Development Fund: Investments allocated by the Member States and regions to build-up or strengthen the Digital Innovation Hubs infrastructures in their territories, and to reduce the digital divide

Timeline:

- Preparation of new Programmes: 2019/20
- Envisaged start: 1 January 2021

Digital Innovation Hubs

Test before invest:

Testing HPC, AI, cybersecurity, blockchain for public admin

Facilitate agile procurement through working with smaller GovTech suppliers

Giving advice on digital by default

Skills and training:

Awareness raising about the potential of AI, HPC, cybersecurity and European CEF DSIs.

Training public administrations on CEF DSIs, once only principle, Single Digital Gateway, eIDAS, etc.

DIHs as one-stopshops

Support to find investments:

DIHs could help public administrations develop specifications for joint innovation procurement (PPI/PCP)

Innovation ecosystem and networking opportunities

Replicating locally developed digital public services via DIHs

Offering CEF DSIs to SMEs Liaising with DIH of other specialisation





Specialisation of a hub is required, addressing the (future) needs of the industry and public administration.

If ERDF is used it should be in line with the smart specialisation.

DEP	Other Technologies	Application areas	Sector
AI, HPC, or Cybersecurity	Simulation Supply chain integration	Industry 4.0 Circular economy	Manufacturing
	Wearables, interoperability	Digital Health	Health & Care
	Robotics, Simulation	Exo-skeletons, Automated building	Construction Health & Care
	Digital solutions for governments, AI, Cybersecurity	Services for citizens, once only principle	Public administration

Knowledge flow

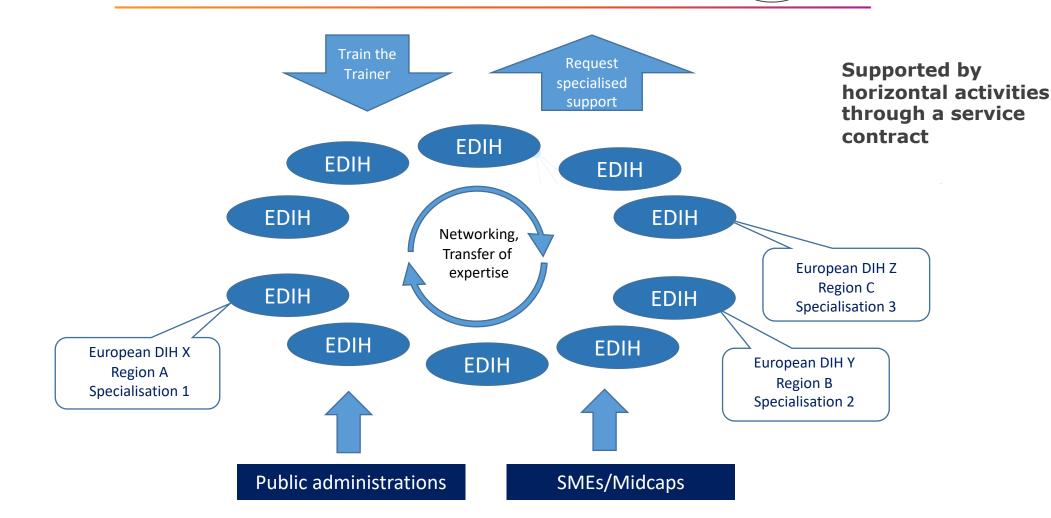
HPC Competence Centres

Cybersecurity
Competence
Centre Network

Al Testing and
Experimentation
Facilities

Advanced Digital Skills

Digital Service Infrastructures





EU funding will bring European added value to locally funded hubs and it will trigger local investments

Exporting / Importing DIH excellence:

- Opening up of complementary competence and infrastructure
 - Help SMEs with expertise and facilities not locally available
 - Help SMEs tap into other markets, develop EU value chains

DIH capacity building:

- Exchange of experience, good practice, mirroring successful set-ups
- A more mature DIH helps a less mature DIH (cohesion)
- Learning from specialists in HPC, Cybersecurity, AI, Advanced training, areas of public interest through the DEP train-the-trainer approach
- Making use of the new solutions developed by the HPC, Cybersecurity Competence Centres and Al world class reference sites



One grant for one hub, extendable up to 7 years, size of the network between 130-280 hubs

- Funding should be used for capacity building of a hub
 Grant, through a lump sum
 Can cover investments in hardware and software, and people to deliver services to stakeholders + some travel costs for cross-border purposes
- 50 % co-funding with Member States, ERDF may be used for MS part
 MS contribution can be in-kind or in-cash
 DEP grant will be signed on the condition MS contribution is available
- Exact budget not known yet due to ongoing negotiations



2 Step Selection Process

EC defines criteria for EDIH selection based on

- Input from Member States
- Basic Act
- Financial Regulation



Expression of Interest by EC directed to MSs



MS designate a list of entities that:

- Fulfil the criteria
- Will get or already got coinvestment
- Based on open and competitive process

EC issues a restricted Call to entities designated by MSs

Designated entities submit proposals that are evaluated by the Commission with the support of external experts.

EC selects together with MS from those proposals exceeding the pre-defined quality threshold balancing

- regional coverage
- technology coverage
- sector coverage

[Endorsement by MS committee]





Thank you!

@eHealth_EU
 @DSMeu

Birgit.Morlion@ec.europa.eu

- eHealth: https://ec.europa.eu/digital-single-market/en/policies/ehealth
- R&D&I: http://ec.europa.eu/horizon-europe
- EU future budget: http://ec.europa.eu/budget/mff/index_en.cfm
- Digital Programme: http://europa.eu/rapid/press-release_IP-18-4043_en.htm
- DIH: https://ec.europa.eu/digital-single-market/en/news/working-group-meeting-member-states-artificial-intelligence-digital-innovation-hubs-and-digital



The need of ICT accessibility

Susanna Laurin Chief Research & Innovation Officer

Funka

- Founded by the disability movement
- Private company 2000
- Consulting and development
- Research & innovation
- Position of trust
- Standardisation
- We4AHA









Situational

Cognitive

Hearing

Concentration

Motor

Ageing

Seeing



Speech

Social interaction

Temporary

Sensitive

Reading and writing



15% of the population

Efficient digitalisation

- Worth while
- Smooth
- Accepted
- Broad

>> accessibility is key!

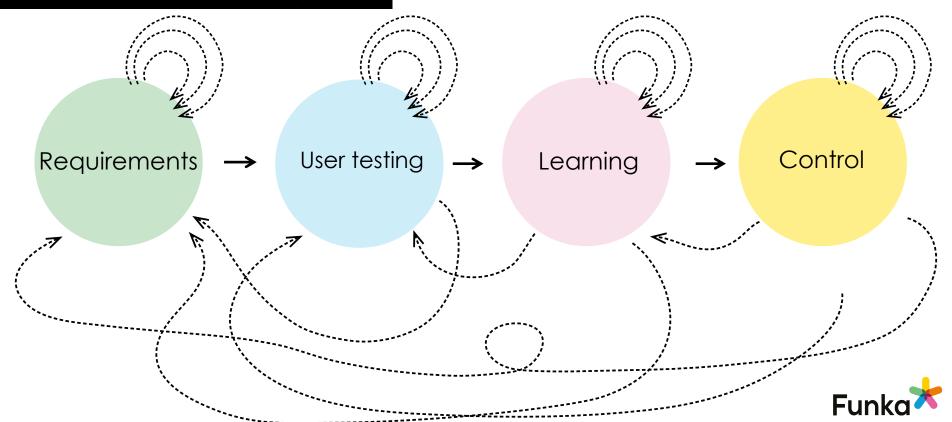




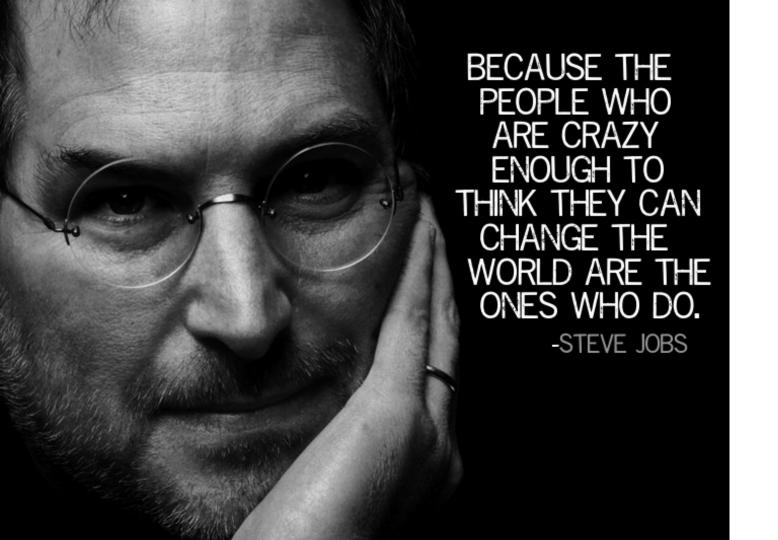
23 % less phone calls



A moving target









There is no such thing as an average user



susanna.laurin@funka.com