

# Digital Innovation Hubs & Smart Specialisation

EIT House (Brussels) 28 Nov 2017

Guidance material to prepare for Workshop



#### REGIONAL SMART SPECIALIZATION STRATEGY

- Under development in the framework of the pilot action: "RIS3 for lagging regions"
- Framework Document for RIS3 is already in place and potential smart specialization areas, as well as draft strategy identified
- Support actions for its implementation already started

#### DIGITAL INNOVATION HUB

- Development of a DiH is strongly connected to the strategy, especially to the Pillar III – Towards a digital transformation
- Following the recent call for DiHs in 13 MS an application was developed in a consortium reuniting all relevant stakeholders, as well as:
  - Incipient DiH involved in the present action, i.e. Cluj IT Cluster
  - Planned DiH proposed under FUTURIUM project by Aries Transilvania



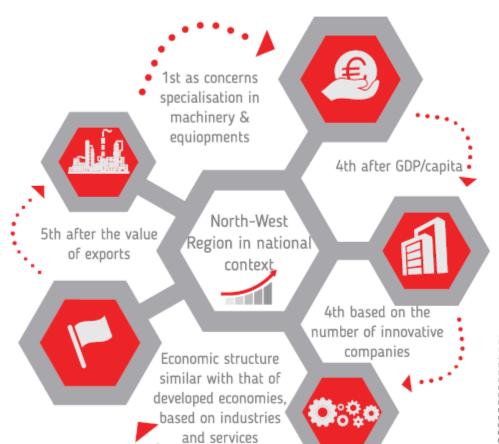


- Region / Digital Innovation Hub
  - Link to NW development <u>region</u>: <u>www.nord-vest.ro</u>
  - Link to Cluj IT Cluster as incipient DiH:
     http://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool
     www.clujit.ro
- Digital Innovation Hub proposed:
  - Name Transilvania iHUB 4.0
  - <u>Coordinating organization</u> (for the application)- North-West Regional Development Agency
  - <u>Contact</u> Petra Szavics, <u>petra.szavics@nord-vest.ro</u>





## **REGION IN KEY FIGURES**







8 public universities 9 private universities

2.280 researchers



90.418 students in all levels of education

341 patents between 2007-2015



4 regional centres of the State Office for Inventions and Trademarks

68 research organizations





6 accredited technology transfer entities

## Introduction



- Who is responsible for the strategy and how is it developed and implemented?
  - North West Regional Development Agency is responsible for the elaboration and implementation of the Strategy
  - Key stakeholders have an important role
  - Support for elaboration and implementation is offered by the Joint Research Center under the "RIS3 for lagging regions project" – financed from a Preparatory Action of the EP
- Further information about the socio-economic fabric of the region:
  - English language on-line brochure available at: http://www.nord-vest.ro/regiunea/northern-transylvania/
- Further information about RIS3:
  - •Bilingual (RO + EN) on-line brochure available at: http://www.nord-vest.ro/wp-content/uploads/2017/09/Brosura-S3Coperta.pdf





## **Digital Innovation Hub**

## How is it organised?

Current stage – formalized concept, not yet delivering to customers
 Host organisation and partners?

<u>Partners</u>: Babes-Bolyai University, Technical University of Cluj-Napoca, Universitatea Oradea, Spherik Accelerator, Chamber of Commerce and Industry Bistriţa-Năsăud, Cluj IT Cluster, ARIES Transilvania, Oradea Hub Association, Cluj HUB, INIT Association (Cluj Startups), Romanian IT Global Community Association, North-West Regional Development Agency

### Services (planned to be) provided

 Awareness, Creation around Digital Technologies, Innovation Scouting, Digital Maturity Assessment, Visioning and Strategy Development for Businesses, Brokering/matchmaking, Access to Specialised Expertise and Infrastructure, Mentoring, Training, Access to Funding and Investor Readiness Services, Collaborative Research on Issues of Common Interest





# European Commission

## **Digital Innovation Hub**

# • Has it participated in S3 development? How? Is it providing feedback to the S3 in a continuous way?

- More than 90% of partners engaged in the consortium were actively involved in RIS3 elaboration
- Examples: active participation at EDPs, elaboration of project ideas, promotion of projects in line with S3 objectives, participation at complementary actions, etc.

## • Is it implementing the S3 or part of it?

- It contributes to the implementation of S3 where:
  - ITC is both a vertical and a horizontal priority
  - Aim:
    - Digitalization of economy and society
    - Transformation of ITC sector: shift from outsourcing to innovation









- What are the main challenges and good practices:
   Challenges in the interaction DIH RIS3?
  - Shifting the IT sector from outsourcing towards IP based products and/or services
  - Raising awareness of industry in general about the need to digitalize
  - Servitisation of products

# the organisation of the DIH, so that it connects to regional needs and strategy?

- Digitalisation of the regional/national economy
- Integration of digital technologies in non-IT businesses

## in providing DIH services that connect to RIS3

- Level of business digitalization (from other sectors)
- Digitalization trends
- Breaking traditional industry boarders







#### **How is the DIH financed?**

- Currently there is no funding, except resources allocated by the Partners
- Future funding sources: Regional OP, PA1; Competitiveness OP, PA 2; Horizon 2020; VC, investments; "in kind" contributions

## How does it connect to the services provided?

- Public funding will allow for development of services (training, identification of needs, procurement of infrastructure, marketing etc.)
- Private funding will be directed towards the implementation of the business plan

## How are synergies achieved?







## Which other regions and Hubs do you collaborate with?

- Plan to cooperate both with DiHs and Digital KICs, planning to rely on:
  - Partner's networks- Copernicus Network, Digital Skills & Jobs Alliance, Balkan & Black Sea ICT Clusters Network, 4Motors 4Industry of the Future that is on the Industrial Modernization Platform, European Digital SMEs Alliance,
  - 100+ members of the Romanian IT Association living as expats in EU can help establish direct connections

## On what would you like to collaborate with other regions?

- Development of services
- Best practice transfer
- Establishing partnerships
- Development of joint projects









## Thank you!



