



REGIONE DEL VENETO

**Interreg**  
**Alpine Space**



EUROPEAN UNION



**SMART-SPACE**

EUROPEAN REGIONAL DEVELOPMENT FUND



Digital Europe and Future Role of DIHs/S3  
Bruxelles, 8th November 2019



Present and future of DIH - Experiences and Best Practices



Fiorenzo Cazzato - Veneto Region

# Veneto Digital Agenda 2012-2015

- Approved 2013
- Lifestyle improvement
- Support the Industrial competitiveness
- Increasing the efficiency of local Public Administration

Preparation of ROP 2014 – Approved 2015

Update of VDA - June 2017 Guideline for Veneto Digital Agenda 2020

# Guideline Veneto Digital Agenda 2020

- Idea: Bottom up
- Several meetings with all stakeholders and Public Authorities
  - 10 meetings in 7 Provinces with 30 experts, 10 Regional Ministries, round tables.
  - 800 people involved, streaming participation 3700 people

# Guideline Veneto Digital Agenda 2020

## Five main points

1. Plan for regional development
2. Importance to the local community
3. Innovation (not only technological but cultural)
4. PA as “enabling platform”
5. On going Bottom up process

## 2 Dimensions

Three digital innovation drivers

Ten thematic areas

# Guideline Veneto Digital Agenda 2020

## Three drivers

- Infrastructures
- Data
- Empowerment
  - Living Lab
  - Open Veneto
  - Digital Inclusion
  - ViviVeneto



## Plan: Industry 4.0

- Competence Center => Research
- DIH => Industry
- PID => Chamber of Commerce

## 9 Competence Centers approved 2019

SMACT (8 Universities, 2 Research Centers, Chamber of Commerce of Padua, 29 Companies)

- Social Network
- Mobile Platform and Apps
- Advanced Analytics and Big Data
- Cloud
- IoT

7 Millions euro

- Business orientation (SMEs)
- Industrial research
- Training

## DESI Index - Digital indicators and Society Index 2019 (Italy)

- Connectivity rank 19
- Human Capital rank 26
- Use of internet services rank 25
- Integration of digital technology rank 23
- Digital Public Services rank 18

### ▪ Comments

Recover in connectivity (from position 25 to 19)

Shopping on line and bank services (under 50% of internet users)

E-commerce of SMEs (under 10%)

Revenues of SMEs from e-commerce under 8%

Low interaction among Public Authorities and public



## **DIH Vicenza**

### **T2i DIH Treviso**

### **SpeedHub DIH Verona**

### **DIH Belluno Dolomiti**

## DIH Vicenza

- Founded and led by Confartigianato Vicenza, Vicenza DIH is an important center for the digital transformation of the North-East of Italy. The Digital Innovation Hub is the operational tool of Confartigianato Vicenza to provide support in the field of technological innovation to SMEs.
- Technical Competences: Sensors, actuators, MEMS, NEMS, RF; Robotics and autonomous systems; IoT and AI; Cyber security; Data mining, big data, database management; Software as a service and service architectures; Cloud computing; Additive manufacturing; Laser based manufacturing; ICT management, logistics and business systems; Internet services; New Media technologies.

## T2i DIH Treviso

- T2i is a no-profit innovation consultancy firm that fosters the regional innovation ecosystem in the framework of I4MS initiatives performing networking, matchmaking, brokerage and dissemination activities. The aim of T2i is to support companies in making innovation an on-going corporate process that will make them regain competitiveness in the market.
- **Technical Competences:** Micro and nano electronics, smart system integration; Sensors, actuators, MEMS, NEMS, RF; Screens and display technologies; Cyber physical systems; Robotics and autonomous systems; IoT; AI; Location based technologies; Interaction technologies; Cyber security; Advanced or High performance computing; Data mining, big data, database management;
- Key role in the regional initiative to digitise the industry. Stakeholders: Chambers of Commerce of the Veneto Region (in particular, Treviso-Belluno, Venezia-Rovigo and Verona);
- Role in supporting companies in digital innovation – help to the Chambers of Commerce role in Italy,

## Digital Innovation Hub Belluno Dolomiti

- The Digital Innovation Hub of Belluno Dolomiti (DIH) has been created created to support businesses under going digital transformation in the context of the Industria 4.0 Plan.
- **Technical Competences:** Cyber physical systems; IoT; Simulation and modelling; Software as a service and service architectures; ICT management, logistics and business systems; Internet services.

## Speedhub Verona

- Speedhub is a no profit entity performing networking, matchmaking, brokerage and dissemination activities to help companies to improve their business/production processes as well as upgrade products and services with digital technologies.
- **Technical Competences:** Micro and nano electronics, smart system integration; Sensors, actuators, Photonics, electronic and optical functional materials; Cyber physical systems; Robotics and autonomous systems; IoT, AI; Cyber security; Advanced or High performance computing; Data mining, big data, database management; Augmented and virtual reality, visualization; Additive manufacturing; Laser based manufacturing; ICT management, logistics and business systems; Internet services; New Media technologies.

## **DIH Vicenza**

- Collaboration with Universities (not only from Veneto, Sant'Anna di Pisa)
- Collaboration with National CC
  - I. Founding member of Artes 4.0 (Competence Center spec. in Robotics)
  - II. Protocol of understanding with Italian Institute of Technology to support the AI and robotics in Veneto SMEs
  - III. From 2020 will become Learning Center for digital culture and robotics (Schools and SMEs)

## **SPEEDHUB DIH Verona**

- Founding member of Regional Innovative Network (Ri-Velo)
    - I. Supporting companies in their digital transformation
    - II. Assisiting companies in the implementaion of innovative projects
    - III. Specialization on logistics and supply chain
    - IV. Focus of Ri-Velo: Logistic and 4.0, Logistic and supply chain
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THANK YOU VERY MUCH FOR YOUR ATTENTION