DIGITAL INNOVATION HUB SLOVENIA

Ana Pejić

Ljubljana, 20. 10. 2022

DIGITALNO INOVACIJSKO STIČIŠČE SLOVENIJE

EVROPSKA UNIJA
EVROPSKI SKLAD ZA REGIONALNI RAZVOJ
NALOŽBA V VAŠO PRIHODNOST

REPUBLIKA SLOVENIJA
MINISTRSTVO ZA GOSPODARSKI RAZVOJ IN TEHNOLOGIJO

I FEEL SLOVENIA

The operation is co-financed by the Republic of Slovenia and the European Union from the European Regional Development Fund.

- Competence models
- Overview of the study programmes
- Digital competences and skills tool

Ana Pejić, ana.pejic@dihslovenia.si

Ljubljana, 20. 10. 2022

DIGITALNO INOVACIJSKO STIČIŠČE SLOVENIJE

PARTNER FOR DIGITAL SKILLS

Nerosubianco

Technology Transfer SME focused on Digital Process Innovation

Pitch Title: Digital Industry Training Atlas

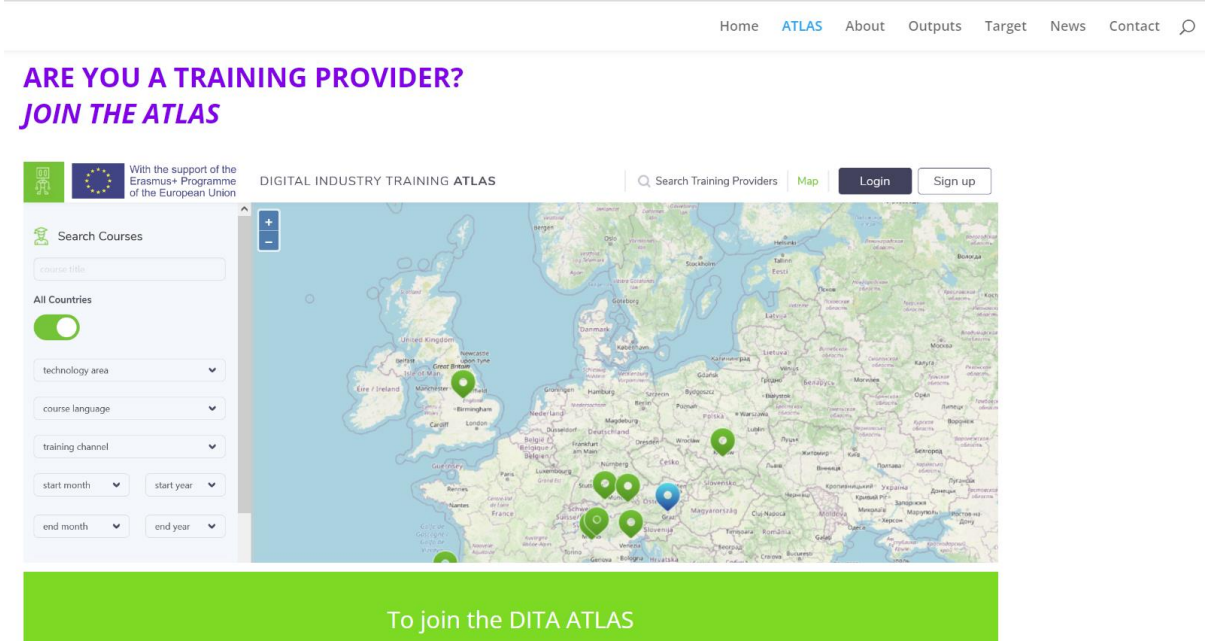
Contact:
Andrea Jester, a.jester@nsbproject.com

NERO SU BIANCO

Our interest and (possible) contribution

What can be shared:

- The DITA ATLAS (https://www.ditaproject.eu/atlas/) for Exploitation and or Dissemination purposes



What can be added:

- Need analysis before designing new education programmes (engage SMEs Europewide belonging to different sectors)
- Review the new curricula / courses with DIHs (regional, national and European)
- Connect the new courses to existing ones (and establish further synergies) through the DITA ATLAS

NERO su BIANCO

CYBER.LAB PROJECT

#CyberEDU

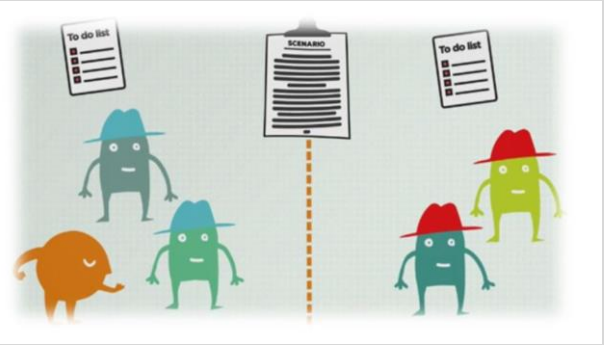
#eSkills #CyberLiteracy

Daria Catalui, founder Danube.EDU NGO

20/10/2022

Cyber.LAB project

- What? Gamified learning for cyber security skills basic/medium/advanced organized by professionals in the global cyber ecosystem
- When? A Cyber.LAB with hands on learning on 2 full days, modular at least twice per year
- Tools like cyber exercise scenarios, see CyberReadyGame: details https://joinup.ec.europa.eu/collection/cyberedu/solution/cyberreadygame/about #opensource



CODE ACADEMY

BERLIN

DIGITAL EUROPE PROGRAMME

CERTIFIED ONSITE BOOTCAMP FOR DATA SCIENCE & WEB DEVELOPMENT

+ CYBER SECURITY IN THE MAKING

180 students / year

Project-based following agile/ SCRUM

Erasmus+ Coaching

89 % hiring rate within 3 months

PROJECT PITCH

- Scholarship for 3-5 months of practical training in key capacity areas
- Possible integration in a Masters / Bachelors
- Build up a project portfolio for students
- Further implementation of additional career coaching, language classes, and mentoring
- Target underrepresented groups, which lack access to specialized training in the field

PARTNER SEARCH

- Content creators
- Infrastructure experts (LMS)
- Project Management & exp in greater rollouts
- Universities & specialized training providers
- SME as hiring partners

CONTACT

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linkedin.com/in/jost-lepere-caberlin

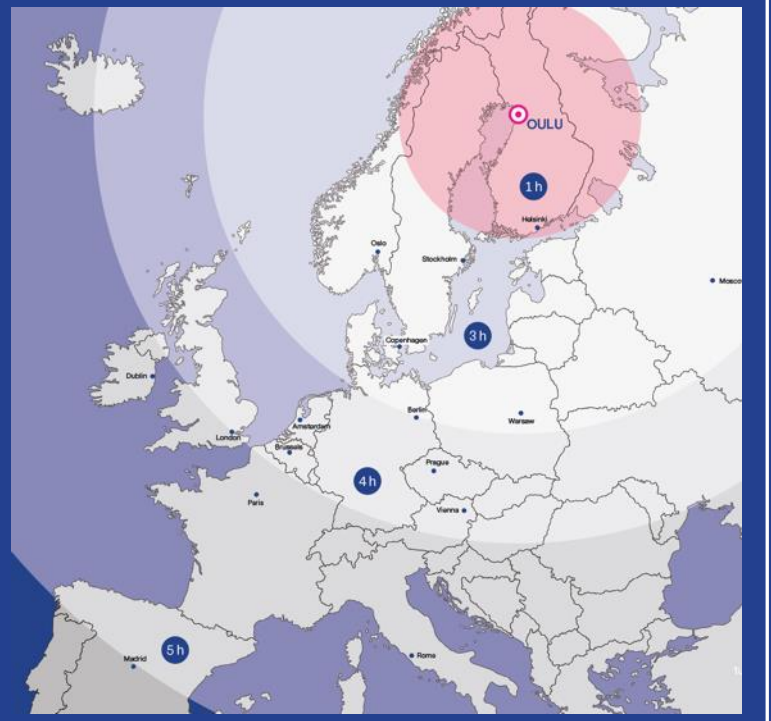
University of Oulu
Digital skills in Health

DEP - DIGITAL-2022-SKILLS-03

20th October 2022

Minna Isomursu

The University of Oulu in brief



Natural Sciences and Mathematics

Biosciences

Medicine and Health

Economics and Business Administration

Engineering and Architecture

Information and Communication Technologies

Education

Humanities

13 800
Students

3 700
Staff

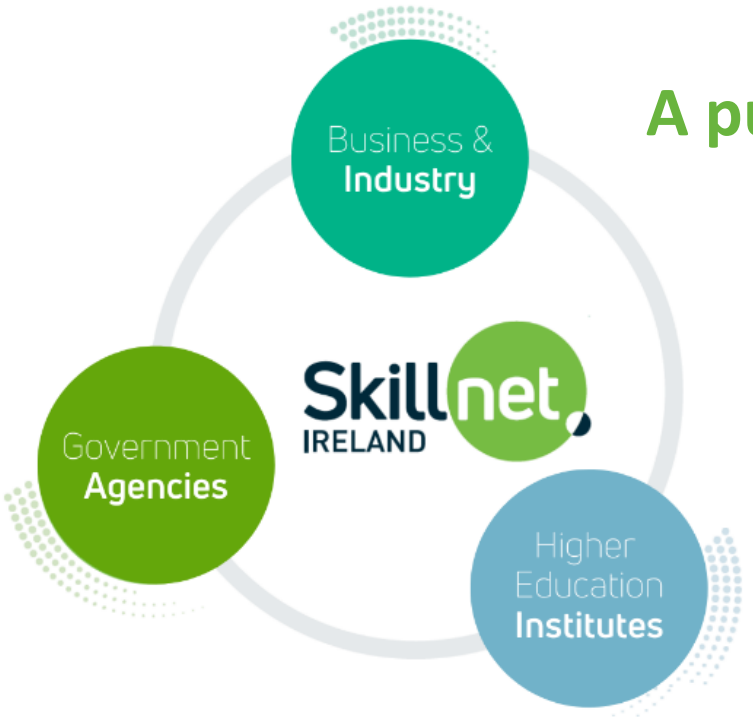
65 000+
Alumni

“Digital Skills in Health” (working title)

- Target group in non-IT field: Healthcare professionals
- Bachelor and/or Master’s degrees (Oulu will do both)
- Focus on modules on key capacity areas (Data, IoT, AI, etc.)
- seamless collaboration between medical (e.g. medical imaging, biosignal analysis), care (e.g. nursing sciences) and ICT (e.g. IoT sensors, AI, health IS, health data spaces) disciplines
- Links with EDIHs (digital health EDIH in Finland) and Erasmus+ (UNIC)
- Looking for partners: Research centers and SMEs

Professor Minna Isomursu

Email: minna.isomursu@oulu.fi



A public-private investment model recognized as best practice

Skillnet Ireland Funding		Enterprise Contributions		Total Investment
€37.7m	+	€22.5m	=	€60.2m

Broad regional and sectoral reach:

- Agri-Business
- Manufacturing
- Food/Drink
- Design
- Renewable Energy
- ICT/Technology
- Connected Health
- Medtech/Pharma
- Retail/Wholesale
- Financial Services
- Hospitality/Tourism
- Construction
- Engineering
- Aviation/Aerospace
- Transport/Logistics

Total No. of Networks **72**

OECD

Contact: valerie.rousselin@skillnetireland.ie

Accelerating digitalisation in Ireland and Europe

Digital Transformation
Digital Transformation Leadership
Innovation and Technology
Technology Management

Emerging Digital Technologies
Cloud, Blockchain
Artificial Intelligence
Cyber Security
Innovation Through Robotics

Data Analytics
Introductory Data Analytics
Data Analytics for Business Support Functions
Diploma in Predictive Data Analysis
Data Analytics and Machine Learning

UNIVERSITY OF LIMERICK
OLLSCOIL LUIMNIGH

DIGITALEUROPE

UNIVERSITY OF OULU

UNIVERSIDAD DE BURGOS

Erasmus+

TALLINN UNIVERSITY OF TECHNOLOGY

Contact: valerie.rousselin@skillnetireland.ie

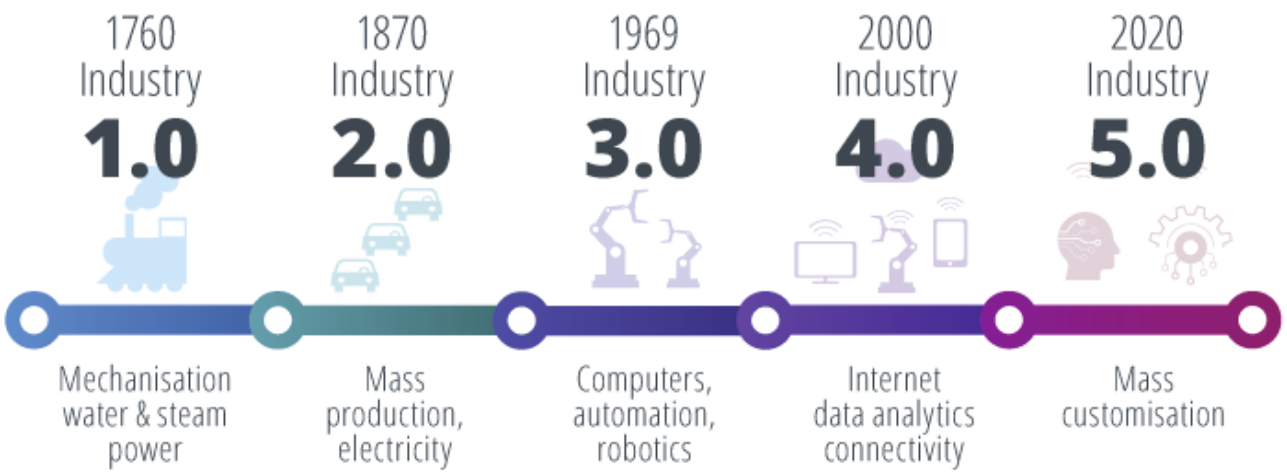
University Politehnica of Bucharest (UPB)

www.upb.ro

- Largest and most prestigious technical university in Romania (est. 1818)
- 30000+ students in 15 faculties across major technical subjects
- Faculty of Automatic Control and Computers https://acs.pub.ro
  - **Department of Automation and Industrial Informatics**
  - Department of Automatic Control and Systems Engineering
  - Department of Computer Science and Engineering

Master of Engineering in Industry 5.0

- "… specifically putting research and innovation at the service of the transition to a **sustainable**, **human-centric** and **resilient** European industry"
- Interdisciplinary master program across several areas
- Dedicated state-of-the-art laboratory facilities and staff training
- Complementary post-graduate study program
- Local SME support



ABOUT

Cefriel is a digital innovation and design shop

We help companies grow by creating new processes, products, and services, enabled by digital technologies.

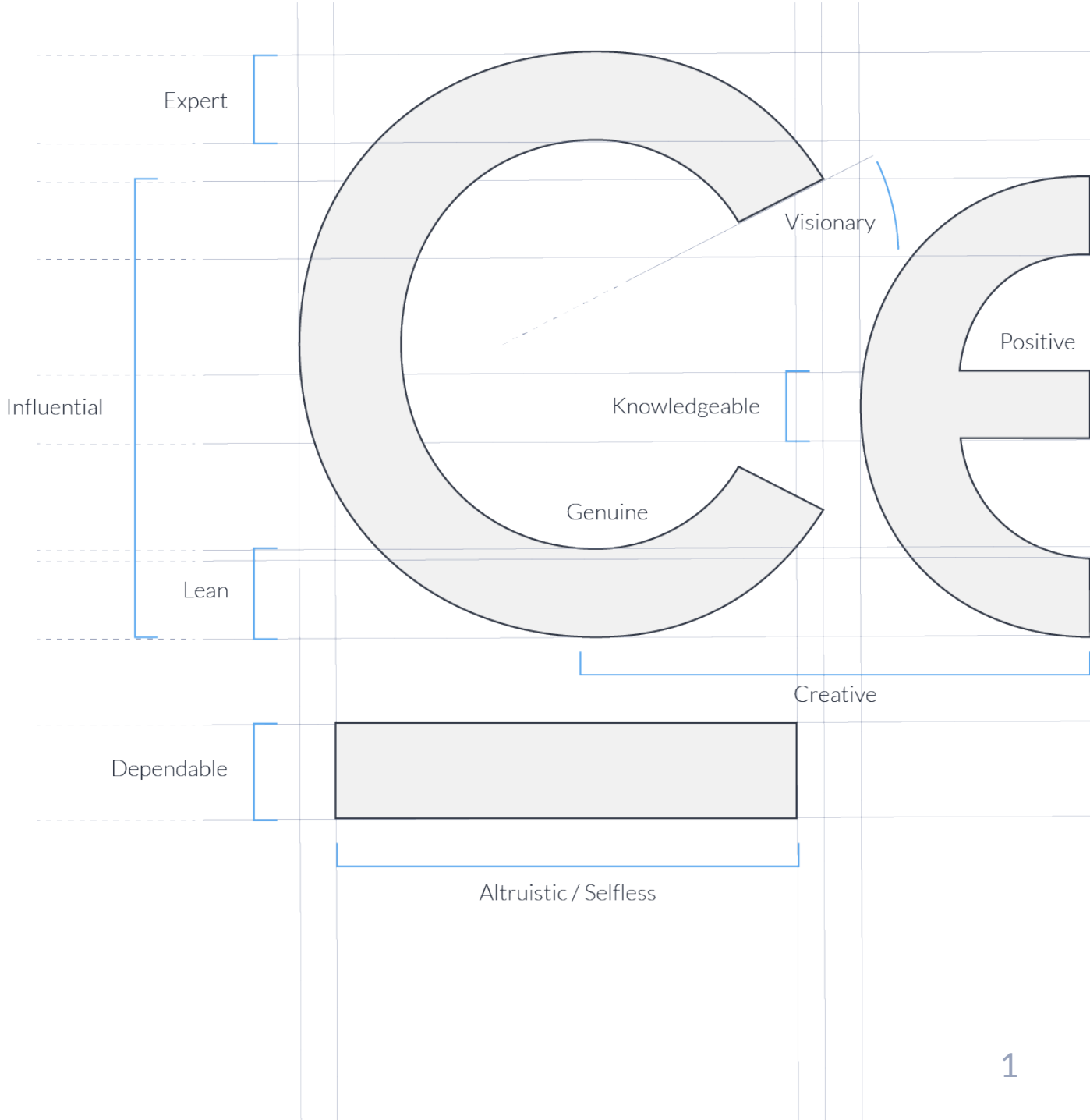
Our clients can count on a team of 130 talents with a distinctive mix of technical, design, and business competencies.

We created a 2nd level master's degree for eCF profile E8 (Information Security Management) for professionals

Participates in HE, DEP, Erasmus+, Digital Skills calls

Is an innovation, research and educational centre.

Is an SME and an RTO, not a University



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+100 clients

INNOVATION

+150 projects

RESEARCH

EIT Digital
H2020
Domestic R&D
programmes

EDUCATION

+1000
trained professionals

One year of

Cefriel

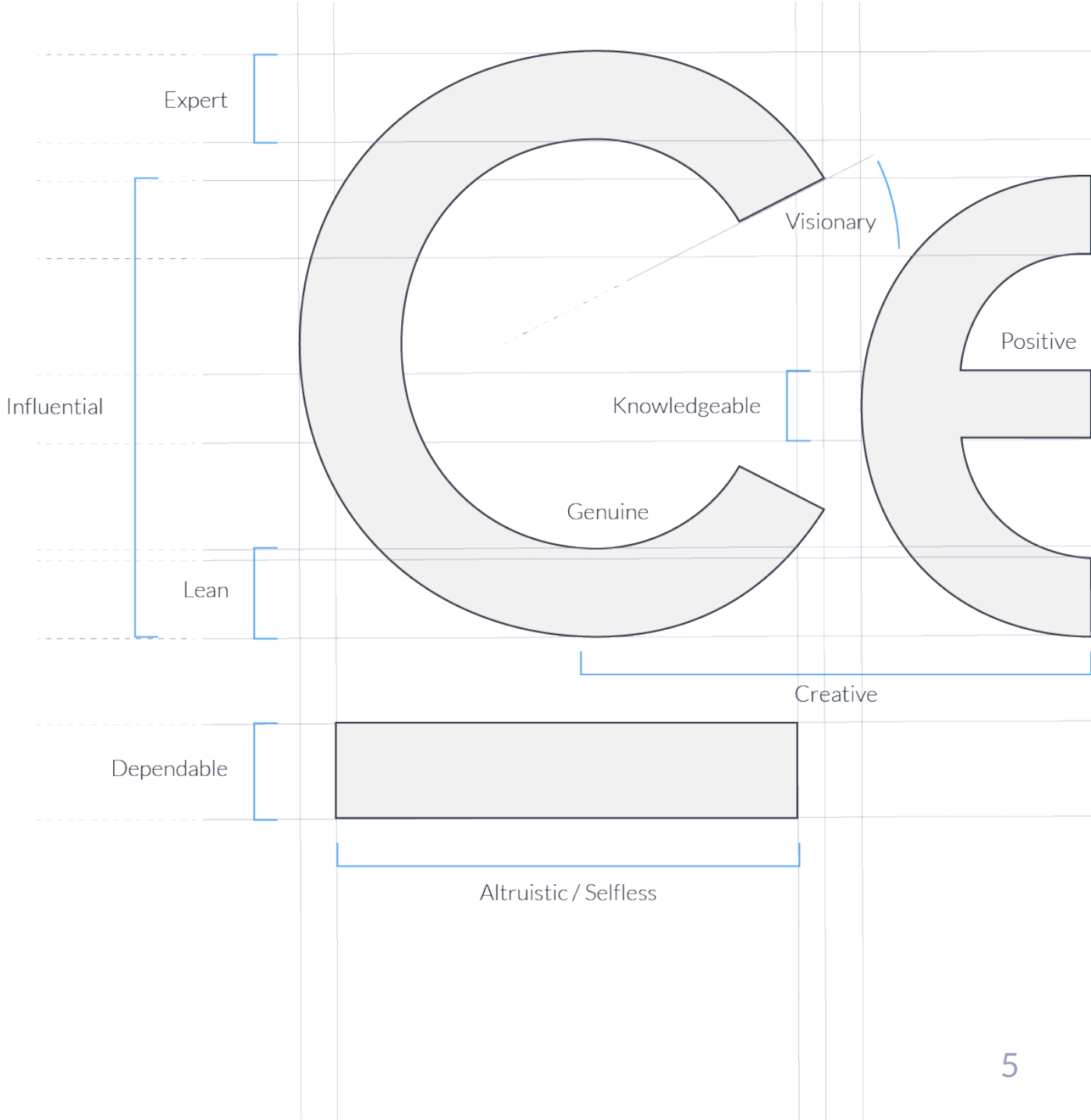
POSSIBLE CONTRIBUTIONS

Possible contributions to Digital Skills 3

Digital Domains on cybersecurity, blockchain, data analytics and industrial design for **IT specialists.**

Conversion Programs for graduated non-IT specialists.

Contact:
Enrico Frumento
Cybersecurity Senior Specialist
enrico.frumento@cefriel.com



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NTT DATA

INNOVATION AT NTT DATA:

DIGITAL-2022-SKILLS-03-SPECIALISED-EDU

SPECIALISED EDUCATION PROGRAMMES OR MODULES IN KEY CAPACITY AREAS

Patricia Jiménez

susi_funding@nttdata.com

FUTURE AT HEART

NTT DATA EUROPA & LATAM

NTT DATA is a top 10 global IT services provider. We work with our customers to innovate and offer the best quality.

NTT DATA is part of the NTT Group

Through a wide range of strategic consulting and advising services, cutting-edge technologies, applications, infrastructure, IT modernization and BPOs, combined with deep experience, we are able to make the impossible possible.

+ 46,000
professionals

2,976
million euro turnover*

25
countries where we operate

15
high-performance centers

**DATA AS 31ST MAY OF 2022*

** Gartner, "Market Share: IT Services, Worldwide 2020", Dean Blackmore, et. al, published on May 2022*

INTERNAL INITIATIVES RELATED TO DIGITAL SKILLS

#girlsgonna_

Reducing the gender gap in the digital sector

VOCATIONAL EDUCATION CENTERS

AI and Big Data Vocational Education Programme

CLOQQ

To prepare kids for the future by using creative technologies

NTTDATA FOUNDATION

We support talent through technology, innovation and entrepreneurship

© 2021 NTT DATA Corporation

OUR CONTRIBUTION TO THE TOPIC

We are the consortium partner you are looking for:

- IT experts (Data, IoT, AI, Blockchain, cybersecurity, HPC, quantum, data spaces, low-code) and excellence centres across Europe
- Knowledge of demands of the market
- Corporate University - courses and trainings' content development, according to the needs of the industry
- Mentoring
- Evaluation and implementation of trainings
- Employability plans development
- Members of an EDIH
- Participating in EBSI
- Experience in initiatives to support Digital Skills: Cloqq, Girlsgonna, NTTDATA Foundation
- Vocational Education Diploma issued by the Ministry of Education, Culture and Sports of Spain

We can meet the needs of the topic:

- ✓ To increase the number of courses, jointly designed by universities together with excellence centres and businesses active in the domain
- ✓ Partners in these consortia will be encouraged to share expertise
- ✓ Technological areas with a specific focus on one sector
- ✓ The courses need to reflect the latest state of the art of the technologies
- ✓ To provide opportunities to students to make use of the EU data spaces

eduhouse

Pertti Berg
Digiskills Team Lead, Global
MCP - MCT - CISSP - CTP

Learning as a Service – the solution

Service availble for everyone - SSO

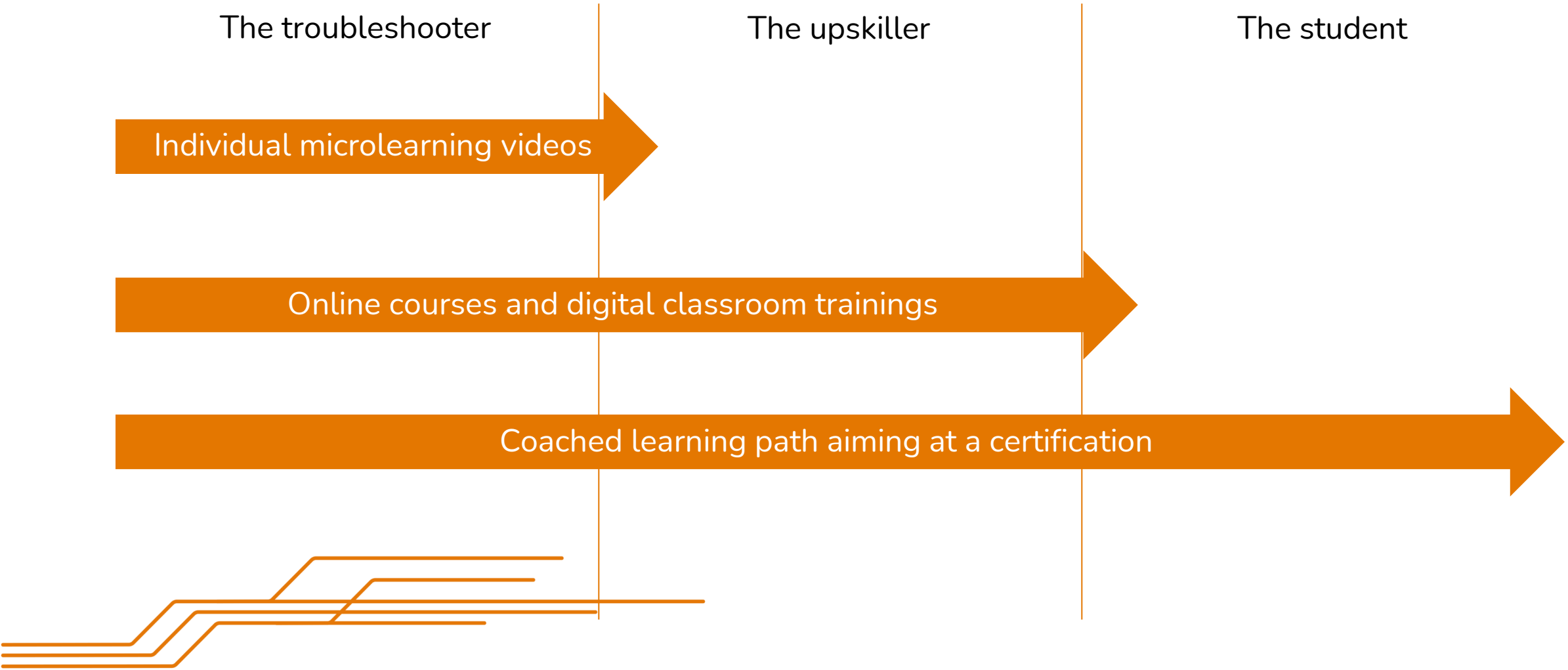
Unlimited use of microlearning video content

Unlimited use of digital live training sessions

Fully digital – not tied to time or place

Service fully localized

Learning as a Service - learning as a lifestyle



eduhouse

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AGRI TECH

International university Master

Digital agriculture for sustainable development

Dedicated to entrepreneurs, graduates and researchers

Experience

CODECS

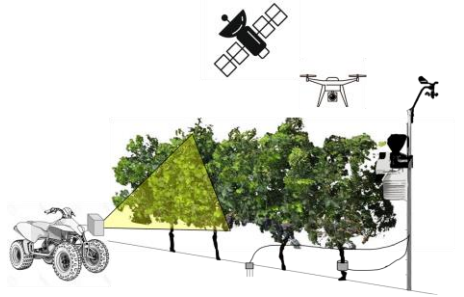
desira

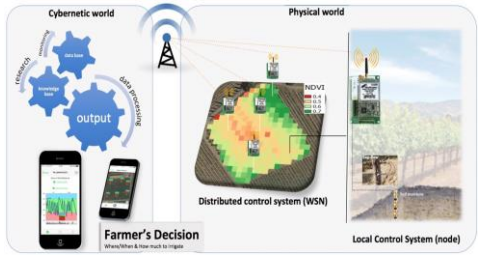
CORSO DI PERFEZIONAMENTO AGRI TECH

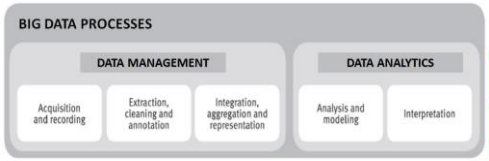
Training technological solutions for digital agriculture with a **responsible innovation approach**

At least **3 editions of the Master in 3 EU countries**, using collaborative learning methodologies

State-of-the-art contents for the digital transition of **agri-food enterprises**







UNIVERSITÀ DI PISA

Consorzio Universitario QUINN Qualità e Innovazione

AGRITECH

International university Master
Digital agriculture for sustainable development

Collaborative learning methodologies

Academic and specialist lecturers

Testimonials by specialists and laboratories

Farm visits

Tutoring

Hands-on experimentation in farms

Blended approach: in presence, distance and elearning

World-class partnership

UNIVERSITÀ DI PISA

Departments involved:
Agricultural, Food, Agri-environmental Sciences;
Computer science;
Information engineering

Consiglio Nazionale delle Ricerche

Consorzio Universitario QUINN Qualità e Innovazione

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