

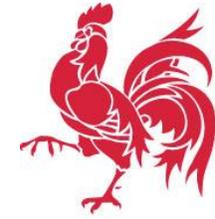
# Digital Europe and Future Role of DIHs/S3

7 Thoughts on Bridging Collaborative Gaps for Close-to-market  
Innovation

# Innovation Investment, Faster.

N-ABLE aims to accelerate the development and deployment of new technologies and solutions.

# They Trust Us



Wallonie



Service public de Wallonie



European Commission



**THE WORLD BANK**  
IBRD • IDA | WORLD BANK GROUP

REGION  
BOURGOGNE  
FRANCHE  
COMTE



TEHNOLOŠKI PARK LJUBLJANA  
01



**DIGIPOLIS**



INNO INFRA  
SHARE  
Interreg Europe



**POHJOIS-POHJANMAA**  
Council of Oulu Region



# European Partnership on Batteries

Setting up cross-regional innovation investment projects across Europe in the area of Advanced Materials for Batteries.



# WBG Flagship Report on Industry 4.0

Quantitative and qualitative analyses of the deployment of Blockchain and Distributed Technologies to the financial sector.



**THE WORLD BANK**  
IBRD • IDA | WORLD BANK GROUP



# Designing Collaborative Innovation Investment Projects

Support to the design of cross-regional innovation investment projects in the area of Efficient and Sustainable Manufacturing (ESM).



TEHNOLOŠKI PARK LJUBLJANA

01



**VANGUARD INITIATIVE**

NEW GROWTH THROUGH SMART SPECIALISATION



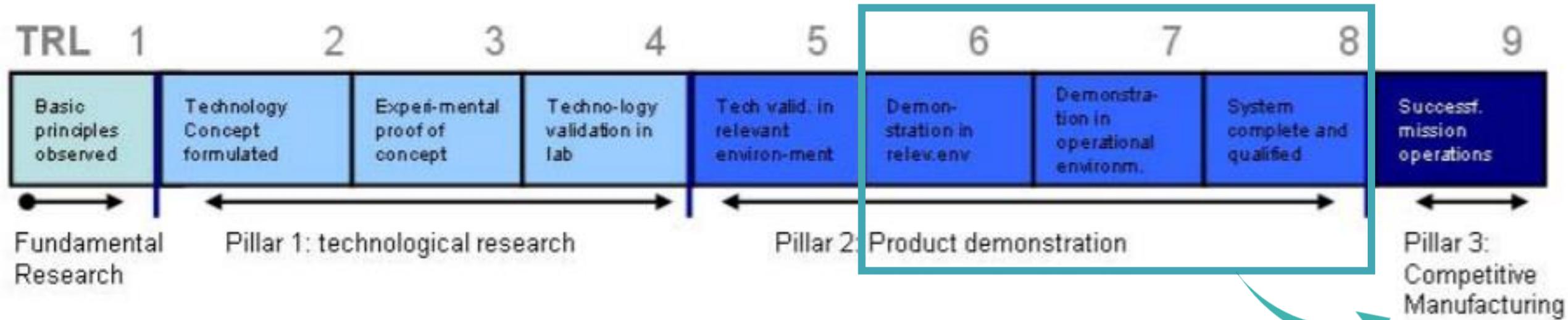
# Financing Circular Economy

Support to the design of innovation investment projects in the area of Circular Economy with leading-edge businesses active in Northern Finland.

**DIGIPOLIS**



# Focus: transnational and close-to-market innovation



5 "Lessons"



# From Vanguard Initiative to TSSP



## VANGUARD INITIATIVE

NEW GROWTH THROUGH SMART SPECIALISATION



→ **Common denominator** : cross-regional **innovation** investment projects

→ **'Industry Modernisation'** = focus on Technology Deployment in / absorption by Industry



## EC Role

Facilitate the process through dedicated EU actions and Smart Specialisation experts

## Key Principles

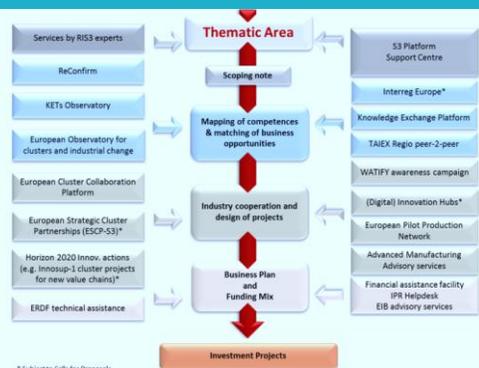
Bottom up, open, inclusive and transparent governance (steering committee)

# Overview



- Bioenergy
- Geothermal Energy
- Marine Renewable Energy
- Smart Grids
- Solar Energy
- Sustainable Buildings

## Energy



- Consumer Involvement
- High Tech Farming
- Nutritional Ingredients
- Smart sensors for agri-food
- Traceability & Big Data

## Agro-Food

- ADMA Energy
- Advanced materials for batteries
- Artificial Intelligence and Human Machine Interface
- Bio-economy
- Chemicals
- Cybersecurity
- Digitalisation and Safety for Tourism
- Efficient and Sustainable Manufacturing
- High Performance Production through 3D-Printing
- Hydrogen valleys
- Medical technology
- Mining industry
- New nano-enabled Products
- Personalised medicine
- Photonics
- Smart Regional Investments in Textile Innovation
- Safe and sustainable mobility
- SME integration to Industry 4.0
- Social Economy
- Sport
- Water Smart Territories

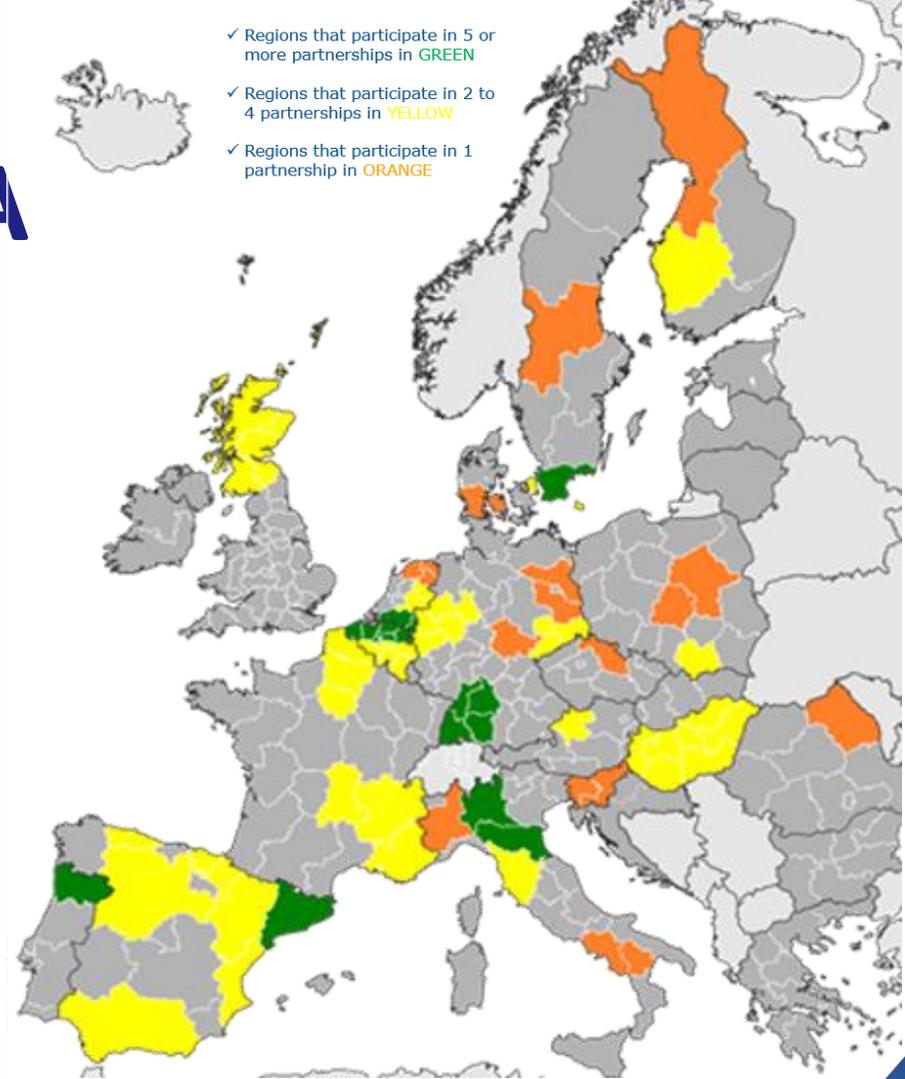
## Industry Modernisation



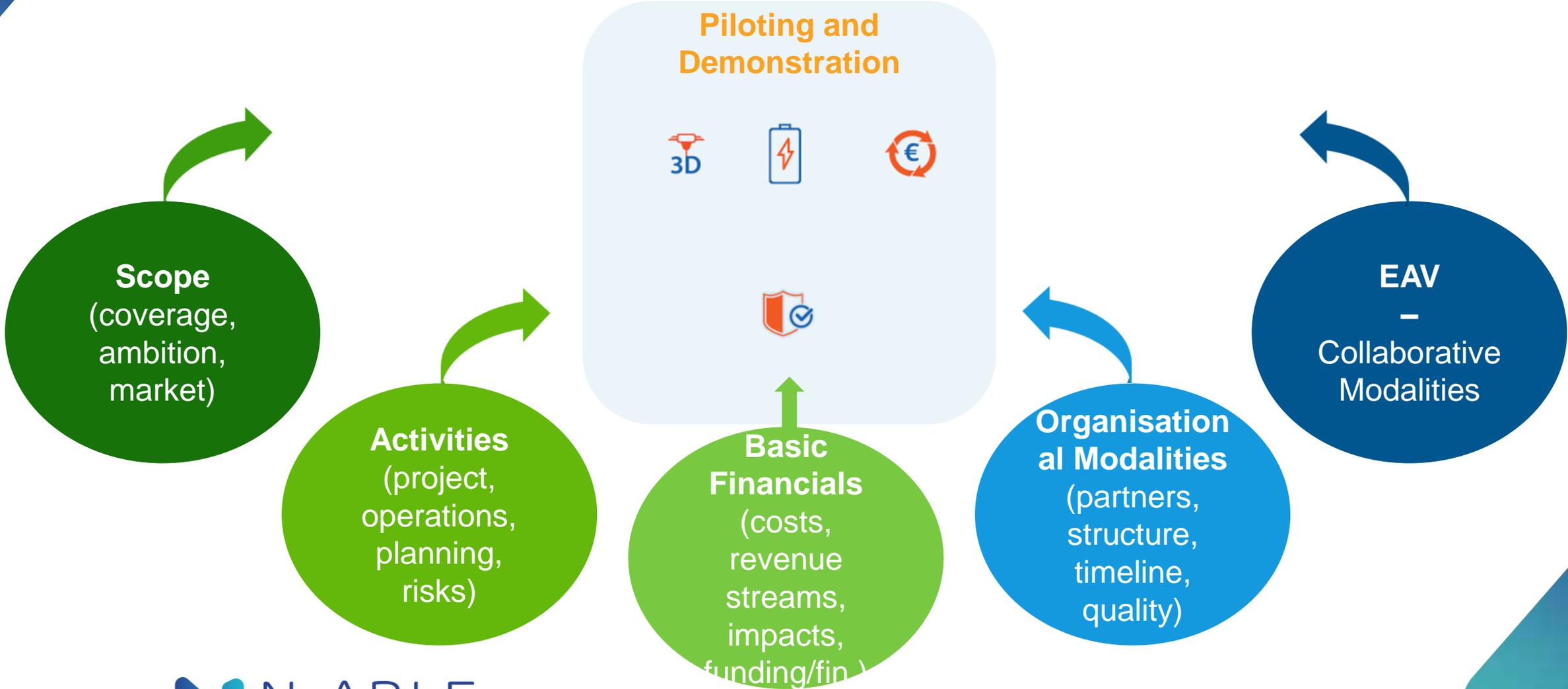
# Geographical coverage & PA

THEMATIC AREA	
 Bio-economy	Conversion of lignin/wood into new functional aromatics which outperform fossil-based aromatics
 Batteries	Advanced materials for batteries
 Cybersecurity	Design and test a tailored and integrated acceleration programme for scale-ups in cybersecurity across EU
 De- & re-manufacturing for circular economy	Composite recovery from wind energy systems and re-manufacturing of e-motors/ e-mobility batteries

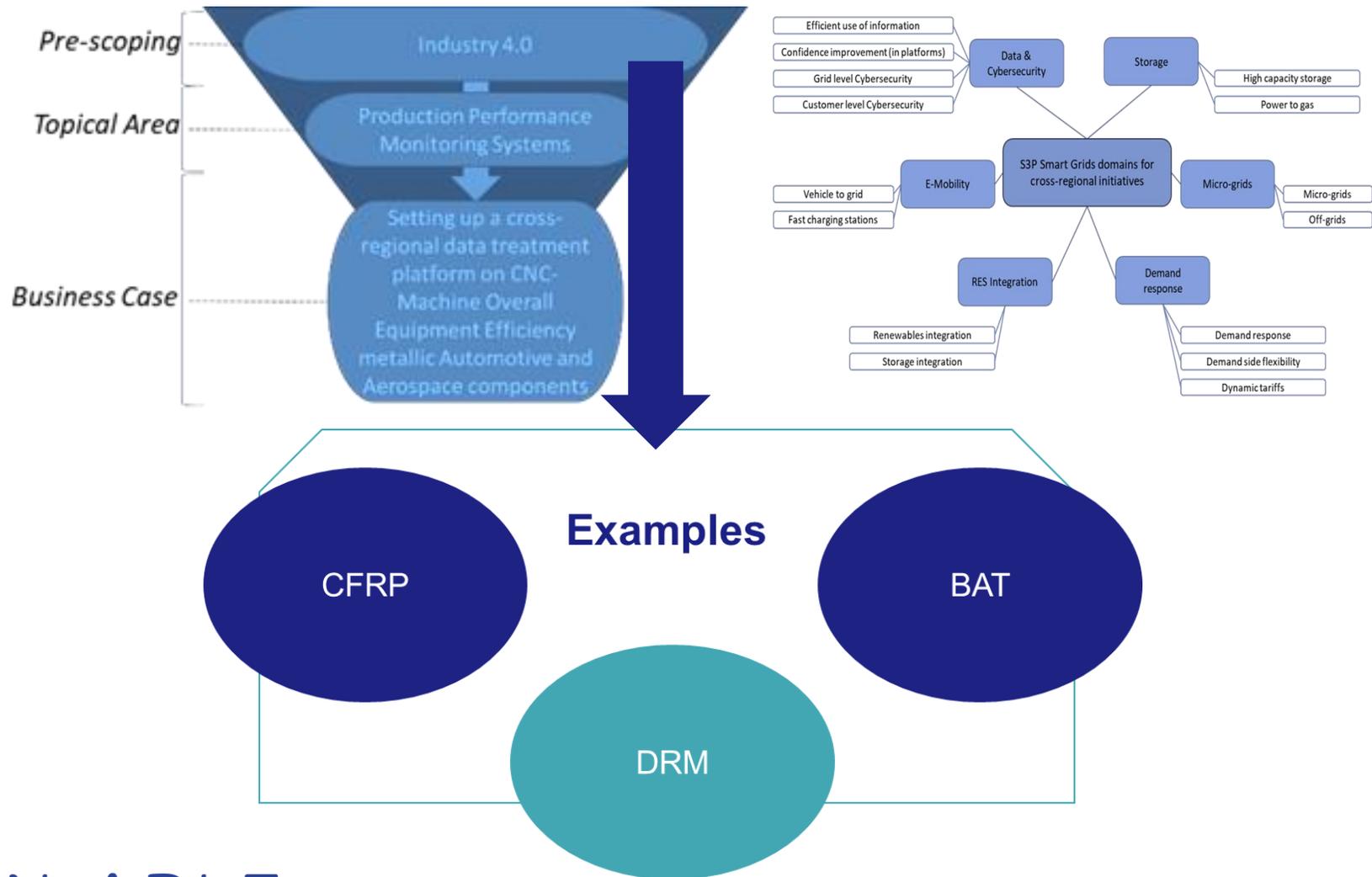
 High-tech farming	High tech solutions for table and wine grapes and poultry dust reduction
 3D printing	Hybrid 3DP-Carbon fiber components for chassis, trimmings and mechanical systems and knuckle/upright through metal AM produced inserts (3DP) in compression moulded fibre reinforced thermoplastic
 Marine renewable energy	Sensors, instrumentation and remote monitoring
 Sustainable buildings	Intelligent control management of electrical energy consumption and local information by smart plugs
 Traceability and big data in agri-food	A single food traceability tool



# Lesson 1: Investment Mindset



# Lesson 2: Process and Granularity



# Lesson 3: What is in for us ?

## What is in for me?



Potential Clients

Access to funding and financing channels



Partners and solution providers

Access to top-notch technologies and solutions



Visibility to potential public/private investors



# Lesson 4: Embedding S3/CRAV

## Reconfigurable Piloting Industry 4.0 through S3

Support to the design and implementation of the Slovenian industrial transition strategy, through the renewal of its Smart Specialisation approach, the internationalisation of its stakeholders and the piloting of a new-generation demonstration platform for reconfigurable production cells.

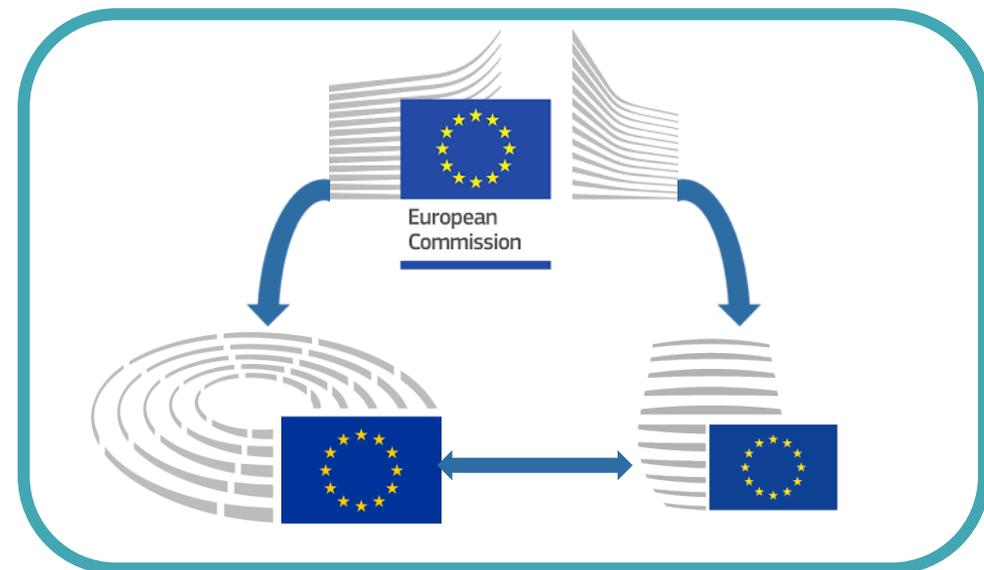


# Lesson 5: CR Investment Gaps

DIH, InvestEU, EIC, KIC Digital...  
Competitive Ways Forward !

## “Component 5”

- S3-driven, 2 “Strands”, Synergies
- *“Commercialize and scale-up interregional innovation projects that can create or reshape European value chains” (EC, 2019)*
- €970.000.000,00 and Leverage over private investments,



1. Regional
  2. Collaborative
  3. Blending
- 3 Learning Points



# Lesson 6: Wide range of issues but also leverages... not all Regionally Anchored !

## Blending Models: ex. EIC

**Human Capital (OPEX)**  
CIFRE, Doctiris, Marie Curie...

**Infrastructure (CAPEX)**  
ERDF, Regional funds, etc.

**Preferential debt rates**  
BPI, EIB, etc.

**Cluster support**  
Internationalisation, national  
RTDI Calls, etc.

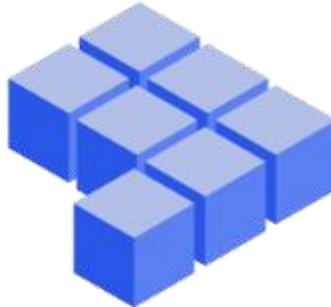
**Networks and Platforms**  
ETIP, JTI, EIT (digital/CCS)

**BEYOND EU**  
EUREKA, etc.

**Framework Conditions**  
Standardisation, etc.

**Tax Relief**  
R&D Tax Credit

**REGULATION (GDPR, etc. :  
recent EC AI Workshops)**

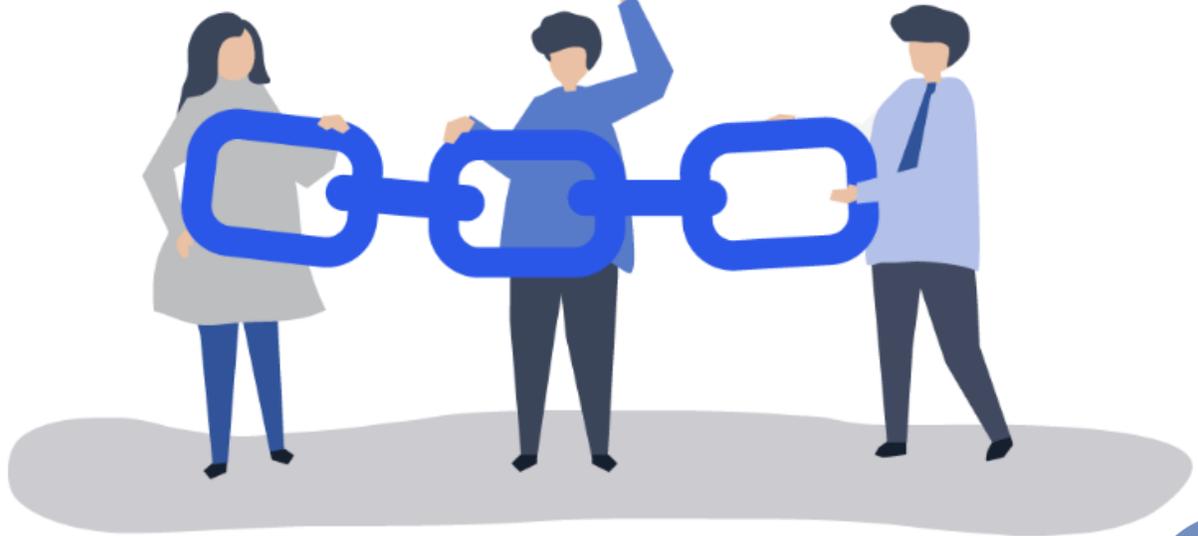
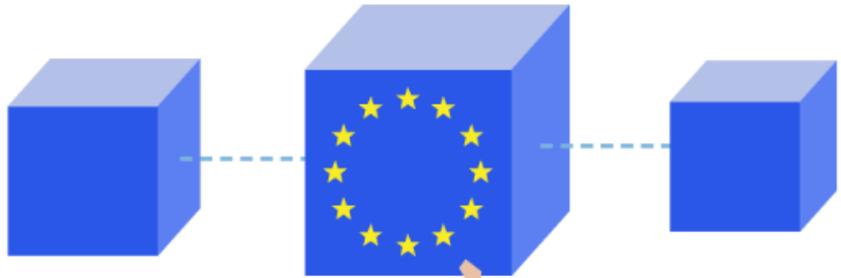


**BLOCKPOOL**



BLOCKPOOL

# Lesson 7: Incentivise the Demand Side



# Join Us !



Grant Agreement  
828888



UNIVERSITY of NICOSIA



大成 DENTONS

Who We Are



<https://blockpool.eu/>

# Concluding Remarks

Business Investment Mindset

# Thank You !

## Contact

Dr. Pierre Padilla

Founder

+32 (0) 483 142 813

Mail: [pierre.padilla@n-able.io](mailto:pierre.padilla@n-able.io)

Skype ID: pierre.padilla

Web: [www.n-able.io](http://www.n-able.io)



# N-ABLE

Accelerating Innovation Investment