Presentation of Medical Technologies S3 Platform Partnership

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MEDTECHS SECTOR

- Europe faces rising and potentially unsustainable health and care costs
- Healthcare systems are challenged at an unprecedented level in terms of quality of service and cost.
- The digital transformation of society is also expected to have a deep impact on active and healthy ageing
- Medtech sector represents an annual market of 120 €billion
- Highly fragmented domain. SMEs represent 95% of the medtech firms
- A polymorphous and multidisciplinary sector
- SMEs don't have an easy access to adequate technology plateforms / infrastructures so as to achieve their proofs of concept and to make rapid assessment of the clinical relevance of new smart devices
- Reconciling better health / healthy ageing with growth opportunities for healthcare industries is the main objective of the previous Vanguard project and subsequent Industry Driven Initiative ESTHER (Emerging and Strategic Technologies for Healthcare). Together these two approaches now form the heart of the Medtech S3P Industry project.

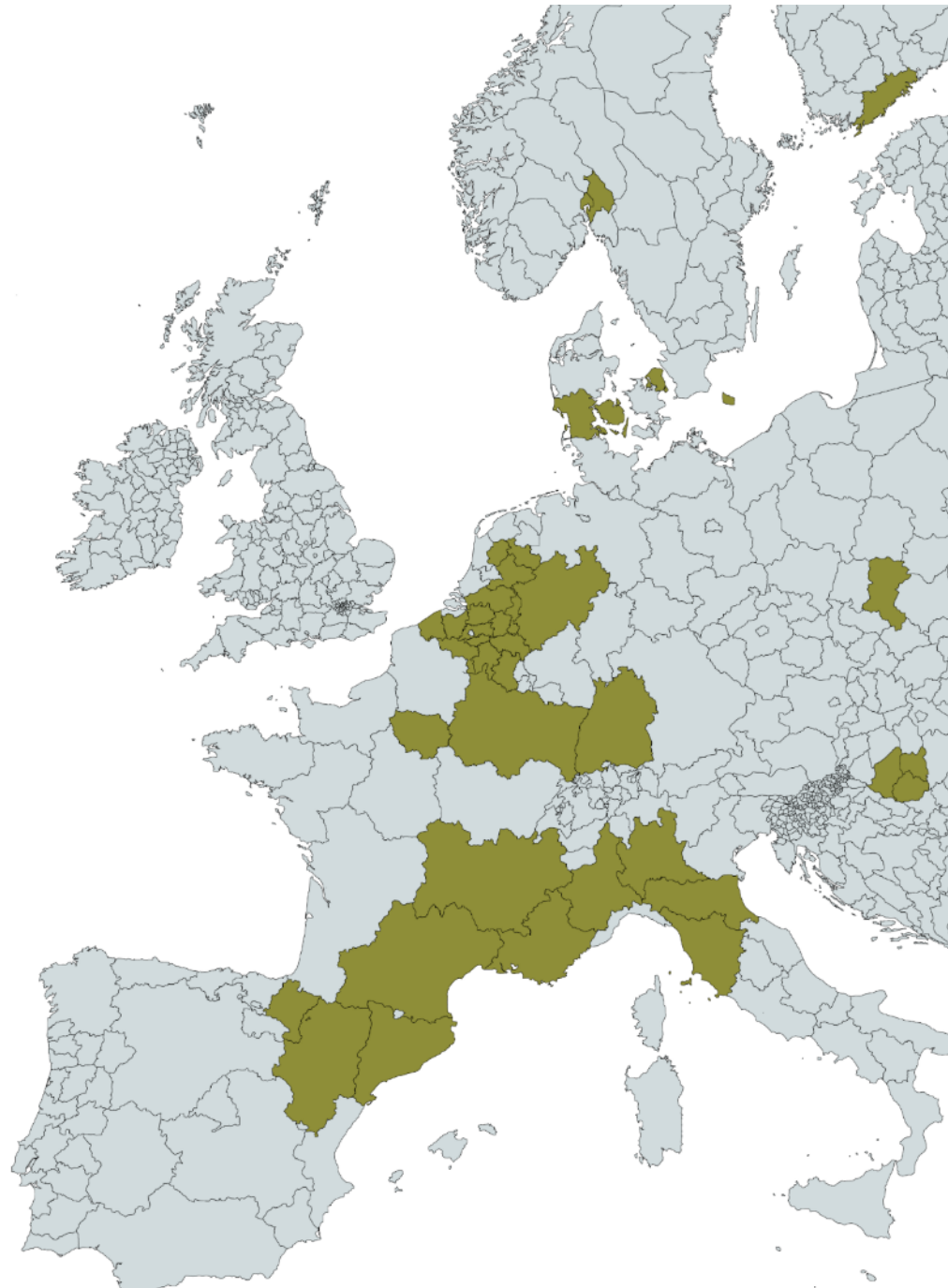# INDUSTRIAL MODERISATION IN EUROPE : S3 PLATFORM

- Industrial modernisation requires important investment efforts. The Regional Smart Specialisation Strategies (RIS3) help to prioritise and align efforts between public and private stakeholders in EU regions and allocate EU and regional funds in a focused and efficient way. At the same time, there are clear opportunities to engage in strategic interregional cooperation's along shared RIS3 priorities in order to complement each other's competences, share infrastructure, and develop joint investment projects. Such interregional cooperation can allow for scaling up towards larger impact and more effective collaboration along industrial value chains.

- The Smart Specialisation Platform for Industrial Modernisation (S3P-Industry) aims to support EU regions committed to generate a pipeline of industrial investment projects following a bottom-up approach - implemented through interregional cooperation, cluster participation and industry involvement.

- The S3P-Industry projects are co-developed and co-led by the regions themselves ensuring an active participation of industry and related business organisations such as clusters, as well as research institutions, academia and civil society.

BUILDING A INTERREGIONAL PARTNERSHIP

- Vanguard Initiative (VI): Nano medicine pilot enlarged to Medtechs

- ESTHER Initiative with RTOs

- 1st meeting of the **Esther / VI regional committee** in May 2016

- 1st mapping done in 2016 within 15 European regions

- **Regions4medtech** application on the **S3 Platform Industrial Modernisation**

- **S3P launched by European Commission to boost interregional projects**

- Application to several calls following the Milan meeting in January 2017:
    - 2 INNOSUP projects in April 2017 => unsuccessful
    - INTERREG EUROPE : **Medtech4Europe** applied in June 2017 => Successful Mid-March 2018

- DG Grow Support through the **Re-confirm project** since October 2017 (Inno TSD)

- Mapping completed by 24 regions toward transregional investments

Respondents to mapping survey

24 regions

Regions	Coun.
Flanders	BE
Wallonia	
Baden-Württemberg	DE
North-Rhine Westphalia	
Capital region of Denmark	DK
South Denmark region	
Catalonia	ES
Aragon	
Navarre	
Helsinki Region	FI
Auvergne-Rhône-Alpes	FR
Grand Est	
Paris region	
Provence-Alpes-Côte d'Azur	
Occitanie	
South Transdanubia	HU
Tuscany	IT
Piedmont	
Lombardy	
Emilia-Romagna	
Eastern Netherlands	NL
Southern Netherlands	
Oslo and Akershus	NO
Upper Silesia	PL
24+ regions from 11 countries	

ReConfirm project objectives

Supporting the partnerships in the Smart Specialisation process:

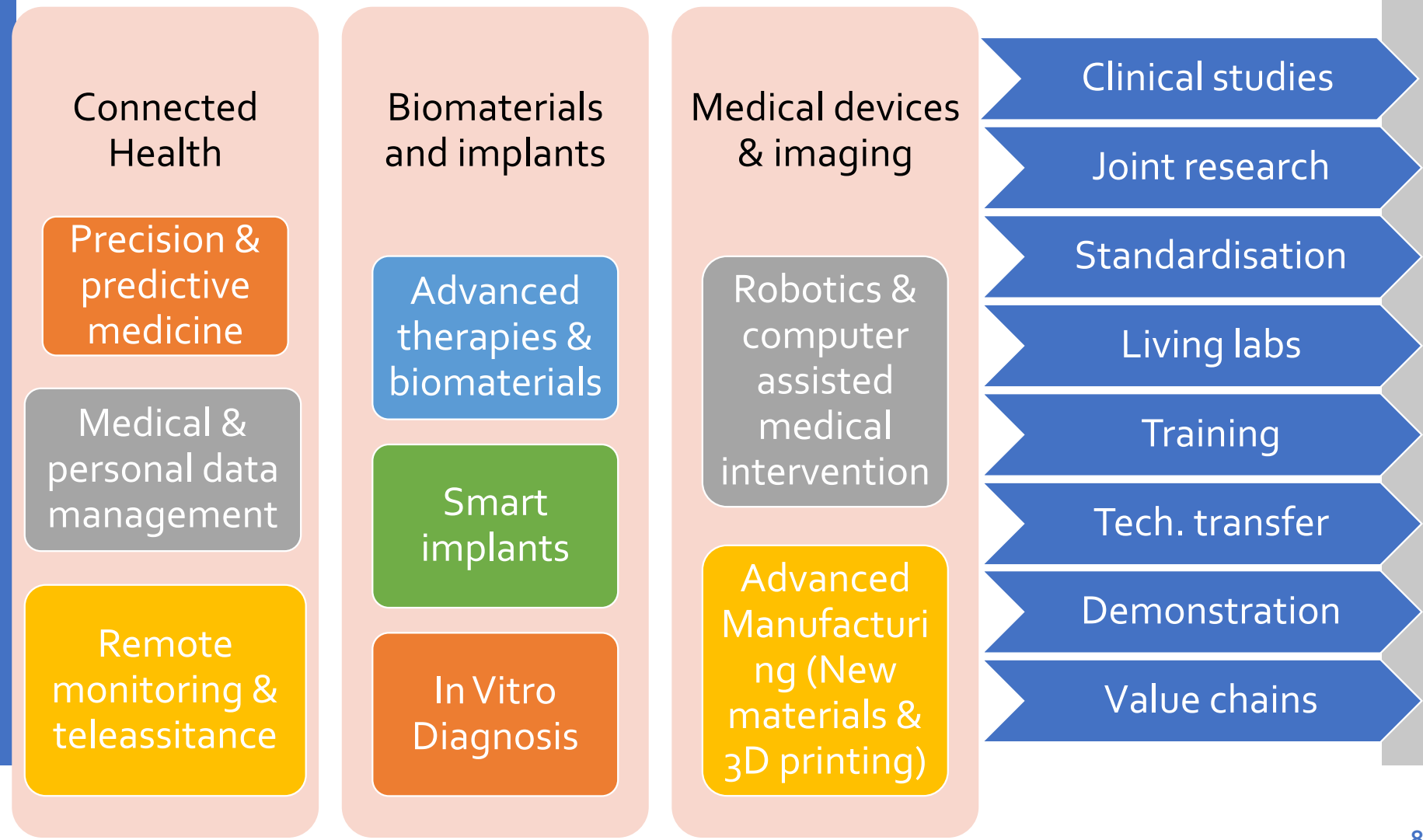Phase 0: Definition of the topics / EoI on the S3 Platform

Phase 1 : Mapping / definition of investment priorities

Phase 2 : Validation of the roadmap towards investment protocoles

Phase 3: Business plan & financing search

Previous MedTech meeting conclusions

- Thematic areas of potential collaboration's

Connected Health

- Precision & predictive medicine
- Medical & personal data management
- Remote monitoring & teleassitance

Biomaterials and implants

- Advanced therapies & biomaterials
- Smart implants
- In Vitro Diagnosis

Medical devices & imaging

- Robotics & computer assisted medical intervention
- Advanced Manufacturing (New materials & 3D printing)

- Clinical studies
- Joint research
- Standardisation
- Living labs
- Training
- Tech. transfer
- Demonstration
- Value chains

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Medtech4Europe INTERREG Europe project objectives

Optimizing the implementation of public policies in favor of the RDI facilities and infrastructures in the medtech sector by benefiting from experiences and success stories of European partners to :

- Strenghten the innovation ecosystem of the medtech sector: finding policy solutions to create better and stronger organised innovation ecosystem, increasing better collaboration and understanding of methods /processes within partnership around RDI infrastructures, enhancing accessibility of RDI facilities

- Develop business models of RDI facilities giving better access to SMEs of the sector, including reflection on short / long terms fundings

- Create synergies by identifying complementarity strong domains in each region

Partnership: 8 European regions (including Limburg)

Duration : 30 months for phase 1 co-financed by IE + 24 months for phase 2 financed by ERDF / Regional funds

Medtech4Europe Partnership

Partners	Country	Region	Contact
Auvergne Rhône-Alpes Region	FR	Auvergne-Rhone-Alpes	Laurence Minne
Province of Limburg	NL	Southern Netherlands	
South Transdanubian Regional Innovation Agency (STRIA)	HU	Southern Transdanubia	
The Capital Region of Denmark	DK	Capital Region of DK	
Upper Silesian agency for entrepreneurship and development	PL	Upper Silesia	
Helsinki Uusimaa Regional Council	FI	Helsinki Uusimaa	
Cluster Technologies for Living Environment Techforlife	IT	Lombardy	Cristina De Capitani / Alessia Federiconi
Steinbeis Innovation GmbH	DE	Baden-Württemberg	Daniela Chiran / Robert Gohla
CEA (Advisory partner)	FR	Auvergne-Rhone-Alpes	