

WPT4

D.T4.2.1

Transnational innovation agenda workshop #1

Version 1
7 2021





CHAIN REACTIONS

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|-------------------------------------|---|
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| Project Acronym: | CHAIN REACTIONS |
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| Authors: | PP11 GAPR (Upper Silesian Accelerator for Commercial Enterprises Ltd.) |
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Abbreviations

IGA – Innovation and Growth Alliance

PESTEL - Political, Economic, Social, Technological, Environmental and Legal factors

PP – Project Partner

RDI – Research, Development and Innovation

RIS3 – Regional Strategy for Research and Innovation for Smart Specialisation

SME – Small and Medium Enterprise

TEP – Transregional Exploitation Plan

TIIA – Transnational Industrial Innovation Agenda

TIIR – Transnational Industrial Innovation Roadmap

TNIS – Transnational networks of innovations stakeholders

TOSC – Transnational open collaboration space

WPT – Work Package



1 INTRODUCTION

CHAIN REACTIONS project addresses the challenge for industrial regions not benefitting from innovation activities from large leading corporations to increase regional capacity to absorb new knowledge and turn it into competitiveness edge and business value. There is a strong need to help SMEs to overcome capacity shortages for innovation and integration into transnational value chains. The project aims at empowering regional ecosystems with the knowledge and tools to help businesses overcome those barriers and generate sustained growth through value chain innovation.

In order to create transnational open spaces for collaboration (e.g. value chain based) the activities for Building open collaboration spaces for transnational RIS3 implementation (WPT4), will be based on previous project activities, mostly Innovation and Growth Alliances (IGAs) established in each of the target regions (O.T2.1) and Value chain innovation models and instruments implemented in each target region as a driver to S3 (O.T3.2).

More specifically, the activities for preparation of Transnational industrial innovation agendas (A.T4.2) will be based on Thematic industrial innovation roadmaps (O.T4.1), which have been developed in each of the selected industrial sectors by transnational networks of relevant innovations stakeholders will be established and build on identified technological and societal trends of potential innovative developments (technologies, processes, business models and their interactions).

Each industrial roadmap will be further developed into **transnational industrial innovation agendas**, i.e. concrete innovation activities to be performed in the project regions and transnationally in order to realise the necessary development identified in the roadmaps and ensure industrial leadership in the selected industrial sectors.

The agendas will be coherent with S3 in the project regions and will provide the basis for potential future joint activities and transnational investments.

Overall, the thematic innovation agendas are one of the three outputs within the WPT4, linking the identified potential with plans for transnational exploitation:

- O.T4.1 Thematic industrial innovation roadmaps;
- **O.T4.2 Thematic innovation agendas;**
- O.T4.3 Thematic transnational exploitation plans and open collaboration spaces.



2 STRATEGIC AND ORGANISATIONAL CONTEXT

2.1 Framework

Transnational network of innovations stakeholders for the health sector builds its agenda on the thematic industrial innovation roadmap (O.T4.1).

Within our roadmap we defined a path how to increase the efficient collaboration between the ecosystems dealing in med-tech and biomed sectors.

For this purpose, we aim at connecting SMEs and RTOs within the umbrella of sectoral specific observatories and their cooperation initiatives as well as help to set-up a new tangible and intangible infrastructure taking the form of a competence center.

The goal is to meet the current health treatment challenges due to the trends mainly showing the high increase of aging of population.

Management and coordination of health sector will be provided by extended project partner duo PP1, PP11 and PP3, that will coordinate the two workshops Transnational innovation agenda workshop 1 & 2 (D.T4.2.1-2), where the innovation roadmaps will be turned into innovation agendas.

2.2 Transnational innovation agenda workshop 1

The Transnational innovation agenda workshop 1 has been a half day event (approximately 4 hours) and it was organised both in national language of the PP11 as well as in English with participation of Italian stakeholders. The participants foreseen for the workshop are members of TNIS from the PP11 and PP3 regions.

The workshop had the following agenda:

- Presentation of Silesian and Ventian health sector ecosystems
- Presentation of **Thematic industrial innovation roadmap** (O.T4.1)
- Joint activity proposals: Participants presented how they could be a part of suggested innovation activity in order to achieve industrial innovation.
- Matchmaking: Participants prepare profile descriptions of potential partners, with which they would implement the transnational activities.

Following the workshop, the main outcomes of the workshop in English are presented and has been send to the duo partner, as the basis for the second workshop.



3 ANNEX

Workshop outcome table

| Participant | Transnational innovation action | Profile of transnational partner | Name of possible transnational partner |
|---|---|---|---|
| Marshall Office of Silesian Voivodeship | Powering the transnational medtech-biomed observatory as trend watch and collaboration platform | Observatory of trends in bio-med sector as well as business support organisation to SMEs | Bio-med Observatory |
| FRK | Powering the transnational medtech-biomed observatory as trend watch and collaboration platform | Observatory of trends in bio-med sector as well as business support organisation to SMEs | Bio-med Observatory |
| GAPR | Preparing for Med-Silesia competence center set-up | Digital Innovation Hub of Padua, whose aim is to facilitate and promote research, technology transfer and innovation among companies. A Digital Innovation Hub involves and connects the main local areas of innovation | Galileo Visionary District / Camera di Commercio Industria Artigianato Agricoltura Padova |




Annex

Screenshots:

Zoom Meeting

Lucas Procopio Małgorzata Go... Daniel Bąk

Tech Support GAPR (Host)

Interreg 
CENTRAL EUROPE
European Union
European Regional
Development Fund
CHAIN REACTIONS

TAKING
COOPERATION
FORWARD

Padova, 27th September 2021

Introduction to Veneto Ecosystem

Andrea Busato - Marketing Manager | GALILEO Visionary District

Participants (32)

Find a participant

- Tech Support GAPR (Host)
- AB Andrea Busato
- A Agata
- AP Alberico Purgato
- AZ Alessio Zini
- AM Alicja Michałowska
- A anna.sedek_egzotech
- AO Artur Ochojski
- DR Da Rin
- DB Daniel Bąk
- D DevGoMed
- ED Elena Della Bella

Wpisz tu wyszukiwane słowa

10:26
2021-09-27
15°C






Zoom Meeting

←
→

Lucas Procopio
Małgorzata Go...
Daniel Bąk
kganowicz

Medical robots

In **Poland** there are several companies offering market products (LUNA, ARIA, UniDOse) and over 10 with development potential in this field: a) **surgical robots**: Fundacja Rozwoju Kardiochirurgii im. prof. Zbigniew Religa (Robin Heart Surgical robot), ACCREA Engineering Poland; b) **rehabilitation robots**: Research Network Łukasiewicz – Institute of Medical Technology and Apparatus ITAM, Industrial Research Institute of Automation and Measurements PIAP, PRODromus (ProdRobot automated gait trainer), MiDmed (projects for creating robots for post-stroke and oncological rehabilitation) including companies offering commercial rehabilitation robots and leading original research works: EGZOTECH, PHU Technomex, Meden-Inmed diagnostic robots: Research Network Łukasiewicz – Institute of Medical Technology and Equipment ITAM with the Silesian University of Technology; ACCREA Engineering Po-land (tele-USG); c) **robotic pharmacy** that prepares doses of medicines in individual sets for hospital patients: UniDoseOne Quizit (automated drug dispensing systems for hospital patients); d) **care and social robots**: ACCREA Engineering Poland, AssisTech, HealthUp, Silesian University of Technology with APA sp.z o.o.; e) **disinfection robots**: ACCREA Engineering Poland; f) **artificial organs**: vBionic (printed artificial hand/hand); Foundation for Cardiac Surgery Development prof. Zbigniew Religa (artificial heart and Religa Heart circulatory cardiovascular support systems)

Let's build **Medical Robot**" by Zbigniew Nawrat nawrat@frk.pl ... SUM,FRK, ISMR, Zabrze, POLAND

Wpisz tu wyszukiwane słowa
10:16 27.09.2021

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Participants (32)

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| A | Agata | 🔇 📺 |
| AP | Alberico Purgato | 🔇 📺 |
| AZ | Alessio Zini | 🔇 |
| AM | Alicja Michałowska | 🔇 📺 |
| AB | Andrea Busato | 🔇 📺 |
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| DR | Da Rin | 🔇 📺 |
| DB | Daniel Bąk | 🔇 📺 |
| D | DevGoMed | 🔇 📺 |
| ED | Elena Della Bella | 🔇 📺 |

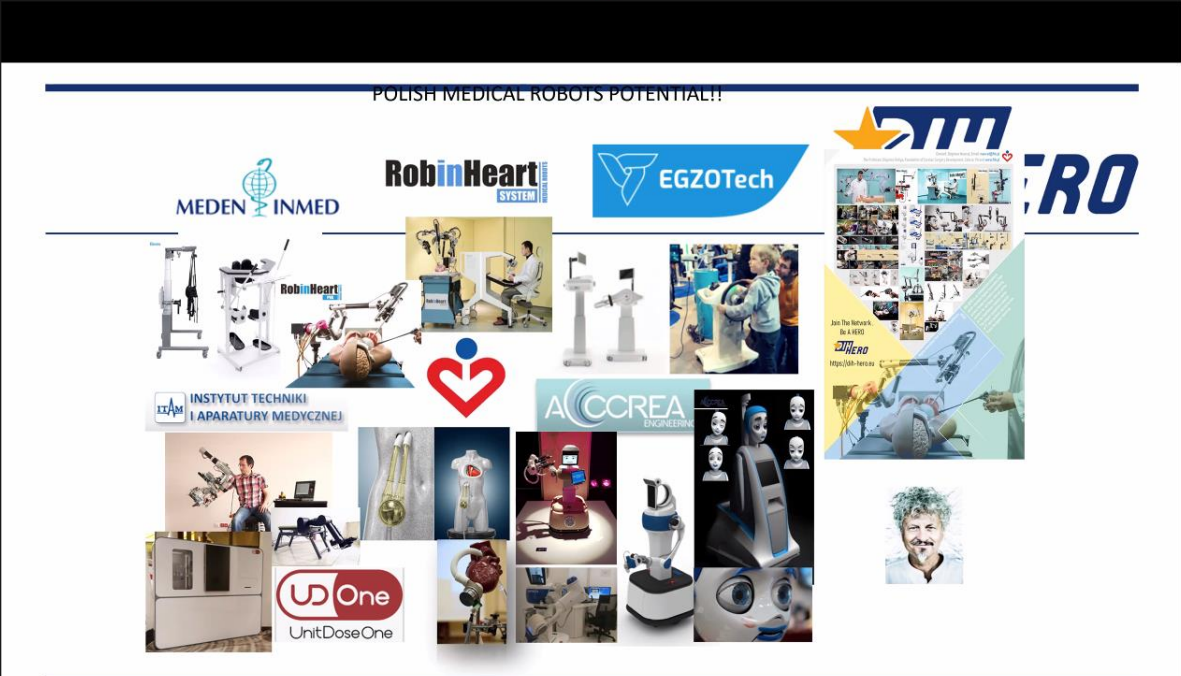
Invite
Unmute Me



Zoom Meeting You are viewing Zbigniew Nawrat's screen View Options

Participants: Lucas Procopio, Małgorzata Go..., Daniel Bąk, kganowicz

POLISH MEDICAL ROBOTS POTENTIAL!!




Let's build **Medical Robot** by Zbigniew Nawrat nawrat@frk.pl ... SUM,FRK, ISMR, Zabrze, POLAND

Unmute Start Video Participants 32 Chat Share Screen Record Reactions Leave

Participants (32)

Find a participant

-  Zbigniew Nawrat + 🔊 📺
- A Agata 🔇 📺
- AP Alberico Purgato 🔇 📺
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- D DevGoMed 🔇 📺
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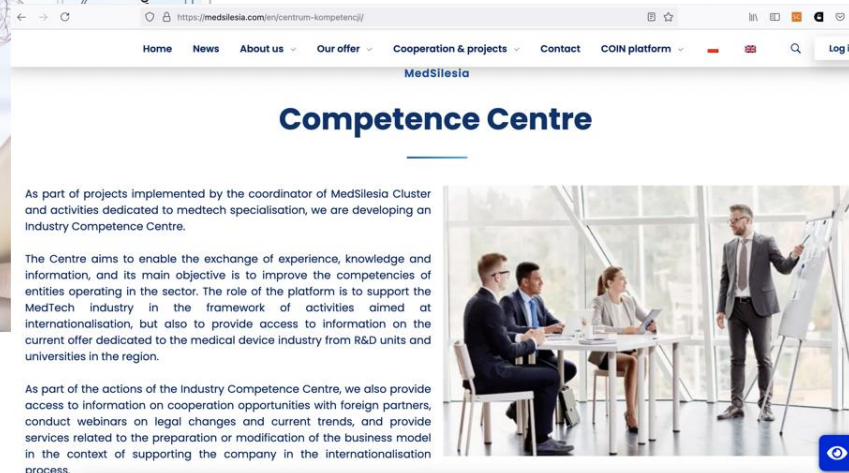
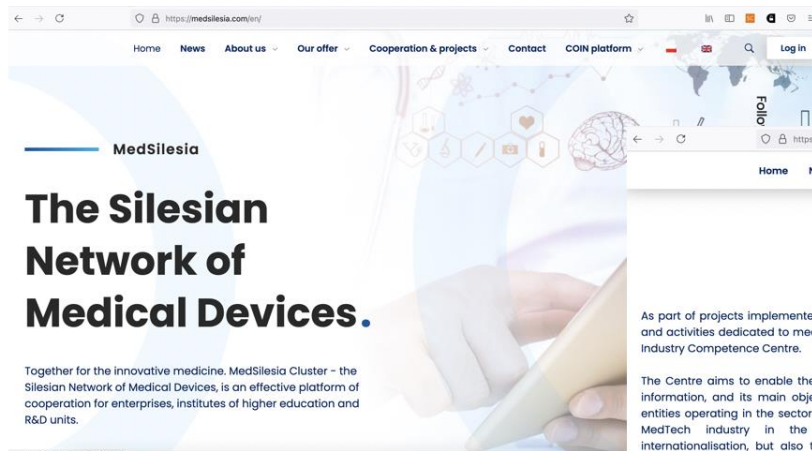
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Wpisz tu wyszukiwane słowa

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WHERE WE ARE – WHERE WE WANT TO BE...



An IT platform - “virtual competence center”

- functionality obtained in Polish and English
- helping to understand the trends in MedTech / challenges of internationalisation / drivers of innovation / new tools,...



TAKING COOPERATION FORWARD

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