

# ROADMAP 2020 - 2026

## for Smart Healthcare Solutions



### General Information:

The Roadmap 2020-2026 is a plan to foster integration of digital, innovative health & care solutions in the health care systems of Slovenia and Austria. The Roadmap ensures long-lasting implementation of high impact short- and long-term activities. For an efficient and effective implementation of the roadmap, numerous stakeholders and experts were involved, a joint vision and common strategies for the SI-AT area established.



### Aims of the Roadmap:

The Roadmap 2020-2026 aims to identify future topics for integrated health solutions within the Think Tank and defines mid and long term actions and follow-up activities of the COOP4HEALTHCARE project. The objective is to implement new, innovative activities based on existing project outcomes and experiences in order to support digital transformation in health care.



### Main pillars of the Roadmap:

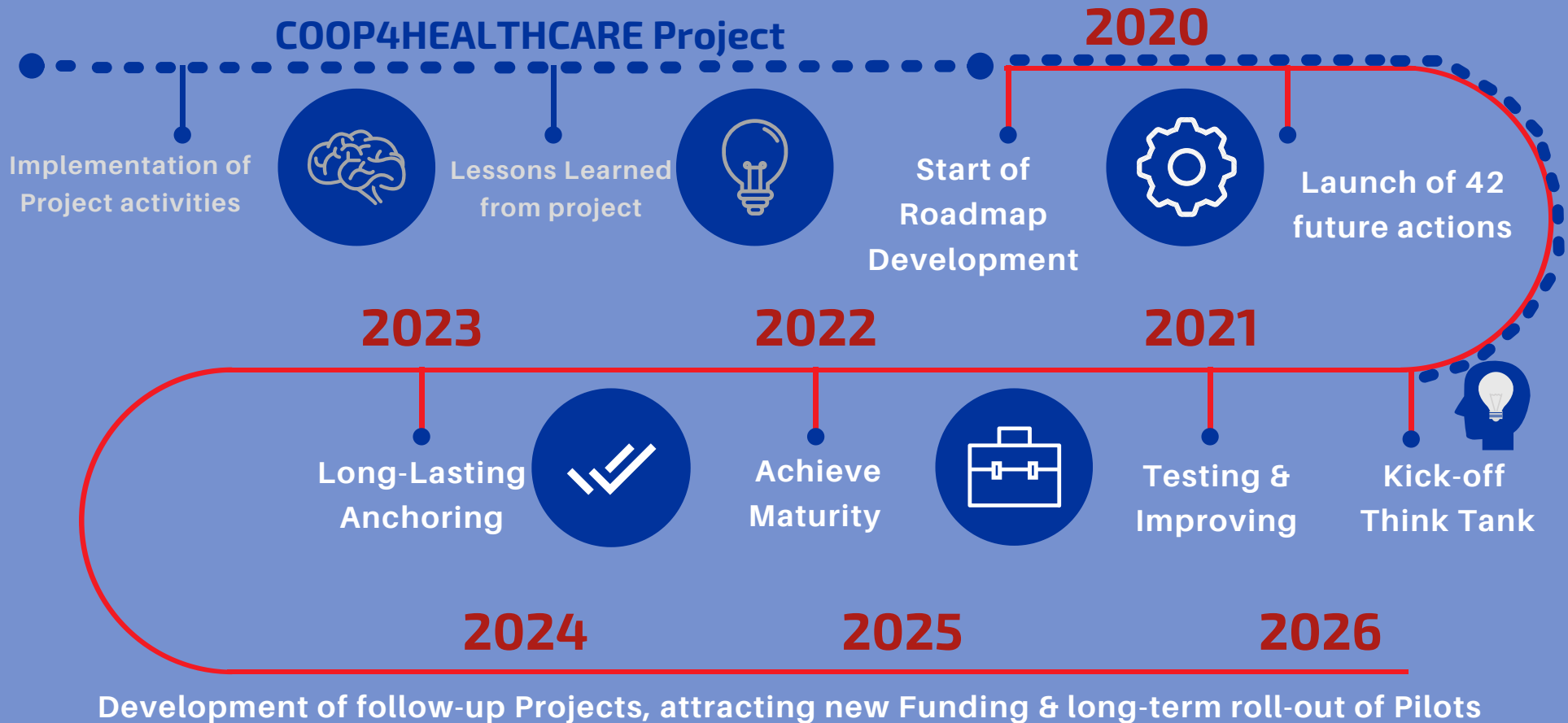
- Timeline of Roadmap
- Joint vision & common strategies for future
- 42 mid-/longterm future activities based on 7 project partner related focus areas
- Think Tank activities and annual meetings

# ROADMAP 2020 - 2026

## for Smart Healthcare Solutions



### Timeline



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### Common Strategies for the future



Common strategies within the cross-border SI-AT area will help COOP4HEALTHCARE network to implement joint actions in the areas of digitalization, cooperation and knowledge excellence.

#### Digitalization:

- health monitoring
- online consultation with health professionals
- digital administration
- social networking
- electronic health records
- smart devices for independent living
- robotics in medicine
- digital skills

#### Cooperation models:

- open Innovation
- joint R&D & cooperation projects
- innovation living labs

#### Knowledge excellence:

- Competence Center
- Living Labs
- Digital Innovation hub
- Think Tank activity

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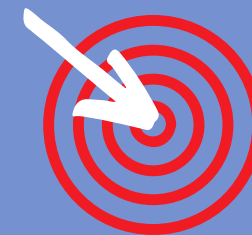
### Joint Vision for the future



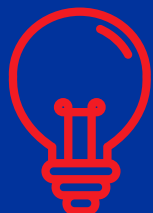
“The cross-border SI-AT COOP4HEALTHCARE network will provide, connect and support knowledge, business and technology expertise, technologies, experimental and pilot environments, best practices, methodologies and other activities necessary to fully enable the cross-border stakeholders from SI-AT area to build on digital competences, innovation models and processes, to support digital transformation and raise their competitive advantages based on innovative digital technologies to bring better healthcare and nursing services to end-users (patients, medical staff, etc.) and to enhance the overall efficiency of the healthcare system.”

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### Healthcare Think Tank to enhance institutional capacity in cross-border region



The Healthcare Think Tank is a group of stakeholders and experts focusing on improving the provision of health and care services by addressing and discussing key challenges, future trends and potentials and initiate innovative processes and/or give advice and support. Annual meetings scheduled.



The aim is to ensure a long-lasting implementation of the actions of the roadmap, foster cooperation to enhance smart healthcare solutions and improve healthcare services. The main task is raising awareness and challenging questions, overcoming obstacles in order to improve healthcare Services.

Register here for THINK TANK: <https://forschung.fh-kaernten.at/aal/en/tt-registration/>



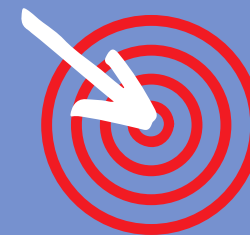
Outcomes of 1. Think Tank  
Meeting on 07.05.2020

identified future working  
topics



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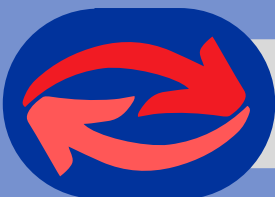


### Hard Facts of the Roadmap



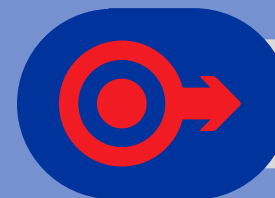
#### COOPERATION Action

15 Cooperation actions are planned to strengthen networking between Slovenia and Austria



#### TRANSFER Action

11 Transfer Actions are planned to transfer know-how, best practices and available solutions



#### STRATEGIC Pilots

16 Strategic Pilots are planned to ensure the long-lasting anchoring of pilots



#### European MENTORS & INITIATIVES

21 European Mentors are involved & 39 links to synergistic European initiatives established

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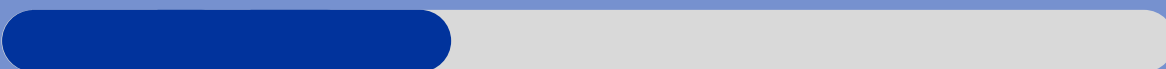
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**Carinthia University  
of Applied Sciences**

2020 2021 2022 2023 2024 2025 2026

 Raising Awareness & Demonstration  
of AAL related Healthcare solutions



 Deep Alarm: Expand existing AAL  
solutions with Smart Watch



 Development of AI supported  
Speech Assistant



 Expand of PROLIDA (Professional Living,  
Innovation and Development Lab for an  
Ageing Society)



 Concept & implement digital tele-health  
Solutions to foster active & health ageing



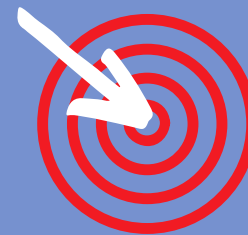
 Establishing Adult Day-Care  
Centres



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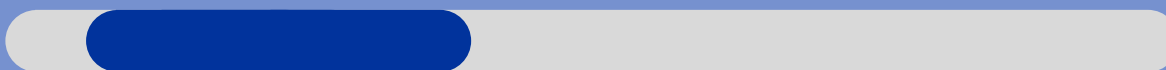
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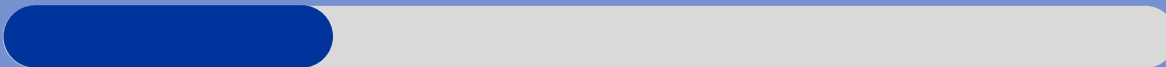
**Fachhochschule  
Burgenland GmbH**


2020 2021 2022 2023 2024 2025 2026

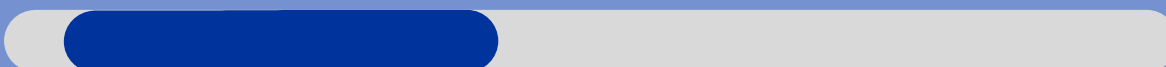
 digitalFIT4KMU project aims to improve digital maturity level & digital skills



 Roll-out of AAL-Welten Modell and support knowledge exchange within reAAL Living lab




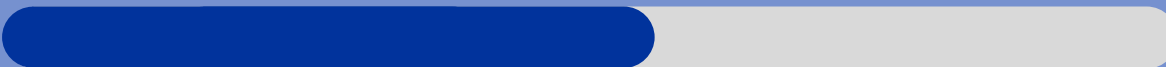
 CARE4.0 project aims to optimize integrated care concepts.




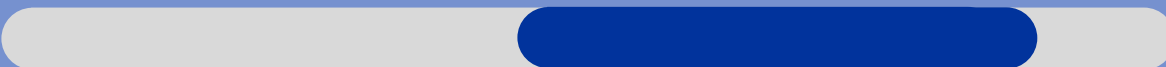
 Establish and implement competence Center for "digital Health"



 Cross-Care 4 elderly action supports knowledge transfer between nursing homes in SI-AT area



 Art4Healing project creates a social holistic approach to put creative elements into hospitals



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EVOLARIS

**Evolaris**

2020

2021

2022

2023

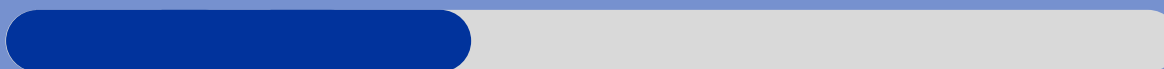
2024

2025

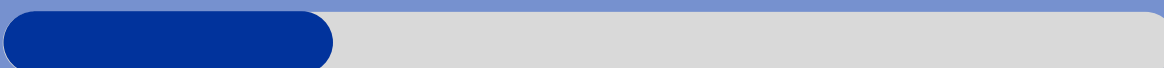
2026



Medical roll-out of EVOCALL solution



Roll-out of platform for medical service providers, doctors, first responders, nursing staff



Developed a Medical Interface Engine (MIE)



Contribute to Cause of Health Cohort - EIT Health Data Platform



EIT Health AT/ CH: Establish a new Swiss-Austrian Co-Location Centre (CLC)



Encrypt4Med: Develops a system based on homomorphic encryption



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Privatlinik  
Graz Ragnitz

PremiQamed

2020

2021

2022

2023

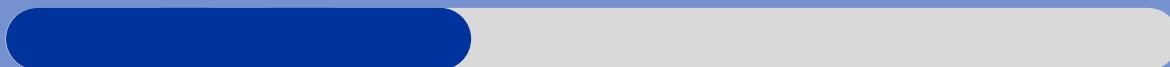
2024

2025

2026



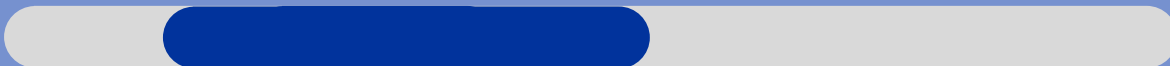
CARE Regio: Centre of competence for strengthening quality of care



Surgery of the future - step 2: optimisation through Technology deployment, digitisation, transfer & organisational development



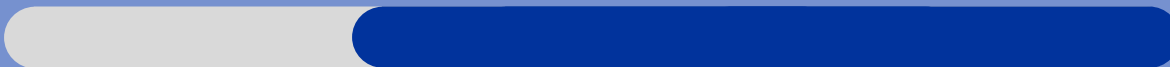
CBC-HC\*Transfer & Coop: Cooperation AI project



HC-NET transnational aims to strengthen networking and coordination of programmes



Project Ring of DACH Region aims to build Pilot actions for digitalisation and technology application in HC system



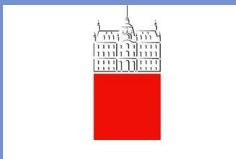
Alliances for Research on HealthCare: building up project network for digital innovation hubs



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**University of Ljubljana**

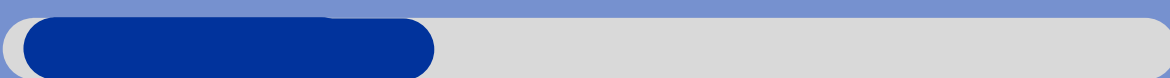
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Implications of Proxy Internet Use for the Internet Skills of Older Adults



Evaluation of project Transformation of existing networks & entry of new contractors for provision of common services for elderly



D-CARE: developing, piloting & validating smart care models for social innovation, improving competences & entrepreneurship



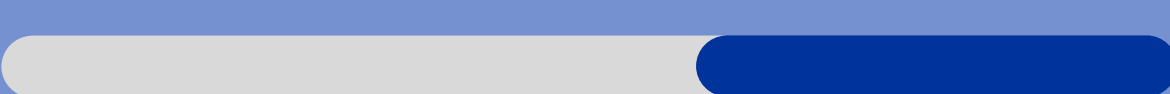
Early risk predication model for falling detection and prediction in case of senior people with chronic diseases



Therapeutic robots as companions for dementia patiens and their impact on informal carers



Building Knowledge and Skills for Scaling Up Effective Telehealth Services



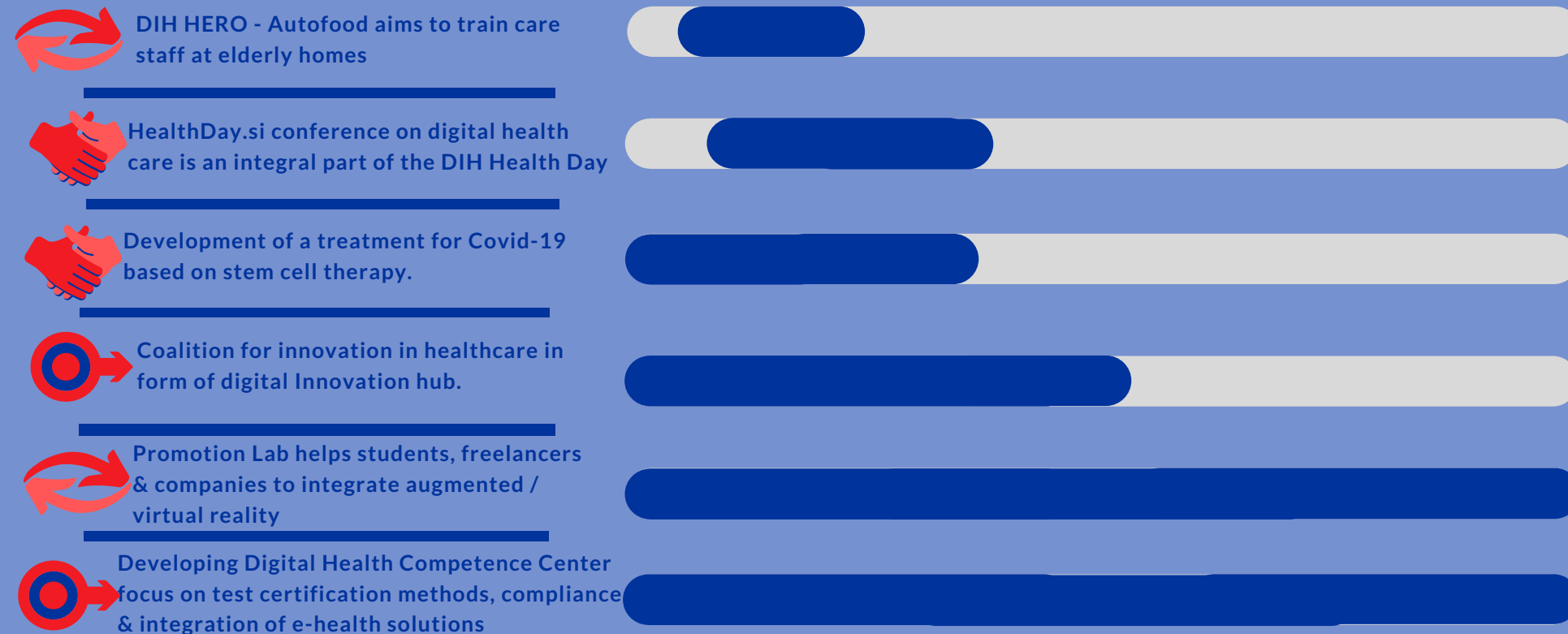
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**Technology  
park Ljubljana**

**2020 2021 2022 2023 2024 2025 2026**



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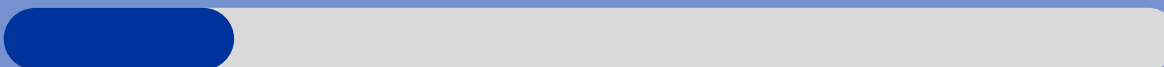
INOVACIJSKO TEHNOLOŠKI GROZD ITC INNOVATION TECHNOLOGY CLUSTER

### Innovation Technology Cluster 2020 2021 2022 2023 2024 2025 2026

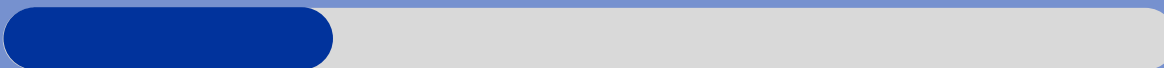
#### Murska Sobota



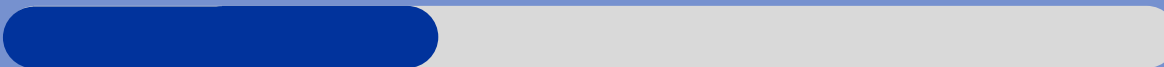
e-system for monitoring services in rooms of elderly homes



Health&Food project implements use of locally produced food into HealthCare institutions



Establish heart failure awareness & Empowerment Campaign in Slovenia



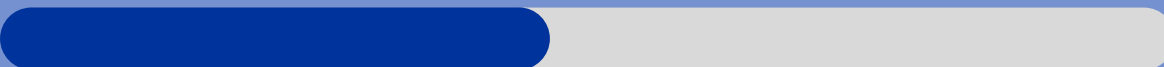
Join digital innovation hub for agriculture & food production and focus on smart agriculture solutions



SCANINO: establish innovative agri-food value chains & boosting sustainable competitiveness



DEMETER Project deploys farmer centric interoperable smart farming-IoT based platforms across 18 countries



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