



CHERRIES

RESPONSIBLE HEALTHCARE ECOSYSTEMS

Shaping the Next Generation of Regional Innovation Policies: Open, Responsible and Inclusive

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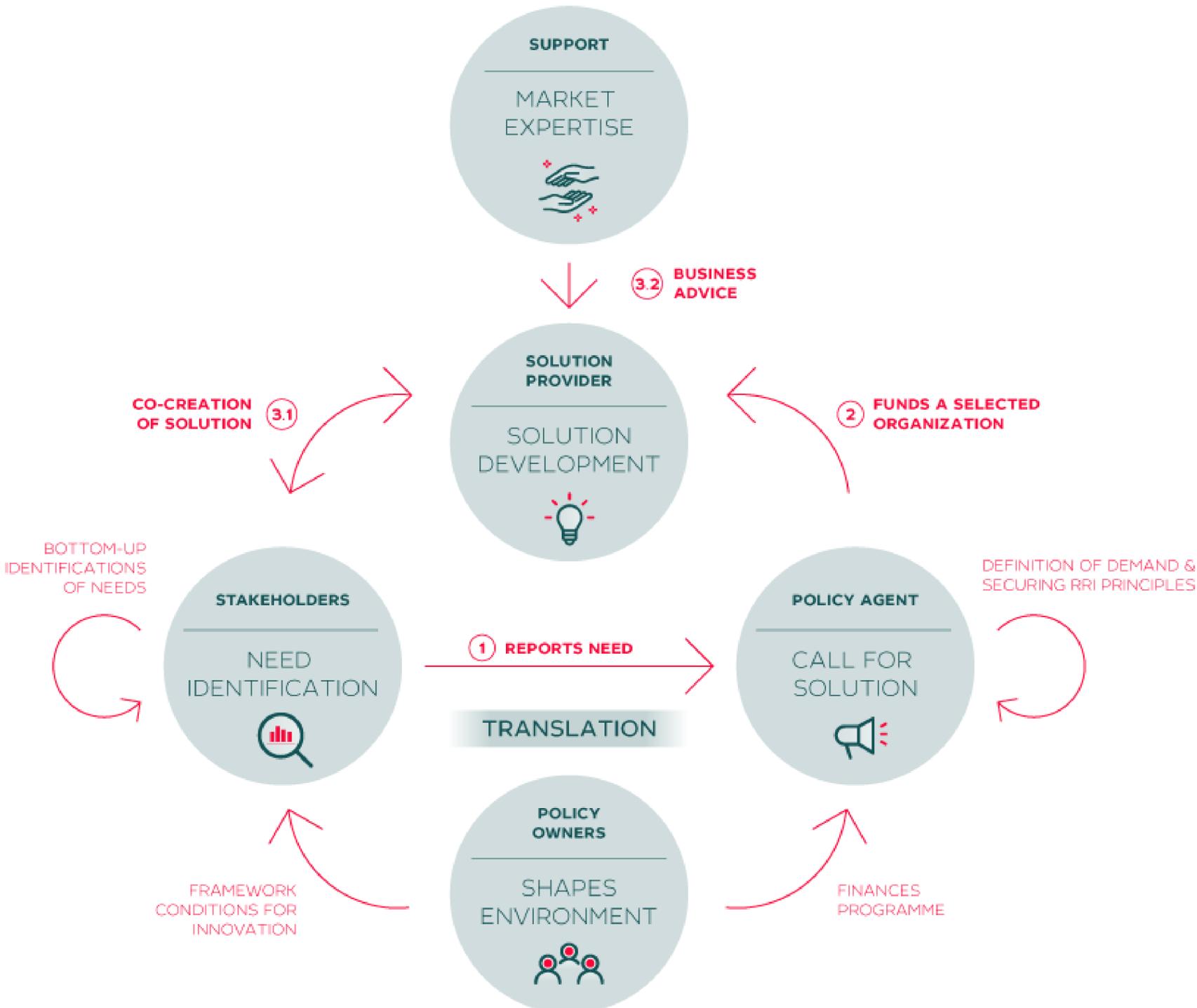
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Responsible Health

- **Pressures** on healthcare systems due to ageing populations, chronic diseases, comorbidities etc.
- Pressure to reduce costs while improving quality. Thus **innovation** is a critical factor for organisations within the healthcare system
- Healthcare innovations rarely achieve widespread **uptake** even when there is robust evidence of benefits
- Responsible healthcare innovation aims at engaging with **stakeholders** during the whole innovation process
- The objective is to align interests, preferences, competences and find mutually **accepted solutions** with a higher chance for implementation



CHERRIES – the Model



- **Need identification:** reflexive process building on stakeholder engagement, providing insights from their realities
- **Selection of Solution:** public tendering aiming at procuring an innovative Solution
- **Co-Creation of Solution:** co-creation process in order to guarantee the fit-for-purpose and -context. The solution is tested in a real-life setting in order to assess its value in practice.

The Needs



Breaking and Preventing involuntary loneliness among elderly

Identified by Private citizen



Provision of medical services to the Cypriot citizens that live in rural and remote areas and do not have easy access to healthcare services and prescribed medicines

Identified by Healthcare Professional, Patient Association



Early Detection of the progression of Multiple Sclerosis

Identified by Patients, Patient association, health professionals (Neurologists and nurses), University researchers



The Solutions

SE



Name of the awarded proposal: Seniors leading seniors to a more meaningful and healthier everyday life in Laxå municipality.

Organization: Laxå Municipality

Country: Sweden

Methods for outreach activities, where lonely elderly people are identified and reached, and offer a wide range of activities to counteract loneliness among the elderly

CY



Name of the awarded proposal: Doctors Hello

Company: Doctors Hello

Country: Greece

A peer-to-peer ecosystem, which provides innovative telemedicine services developed to support real-world healthcare based on real-time distributed data.

ES

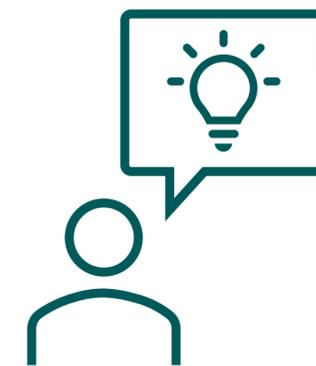


Name of the awarded proposal: MS Care – Multiple Sclerosis Care

Company: PULSO EDICIONES

Country: Spain

Technological solution: ICT e-health Platform and kinetic algorithm to detect the progression of the Multiple Sclerosis





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Learnings from the Experiments

Strengths of the model

- **Speed:** The process took approximately one year in all three regions. The rapid prototyping and testing provide benefits for all involved stakeholder.
- **Fit:** The co-creation aligns preferences and the testing identifies additional requirements and competences to improve the Solution.
- **Coalitions:** The model is an efficient way of building coalitions around a perceived problem. The co-creation and testing brings together actors in a network of shared understanding, trust, and visions.
- **Flexibility:** The model proved to be very flexible and can be adopted to varying contexts. We developed a product, a product-service organisational design, as well as a social innovation.

Identified issues

- **Institutional ownership:** an actor (e.g., the Public Healthcare Organisation) needs to commit to owning and maintaining an innovation model
- **Arena for deliberation:** to provide directions, management objectives, align Solutions, and increase the acceptance of new approaches
- **Sustainability after pilot:** Questions of adoption, implementation, or even scaling are beyond the model.



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A new CHERRIES model



Future CHERRIES

- **Experiment with new approaches:** The CHERRIES is fit for developing new Solutions but the co-evolution of practice, organisational and institutional change needs more attention.
- **Create a central space for deliberation about the future of healthcare:** An arena (Lab, Hub etc.) that brings together stakeholders to strategically manage transformations according to shared visions and needs.
- **Adding a fourth Step:** Based on a successful pilot, a limited demonstrator of a new approach should be added to learn and gather evidence.

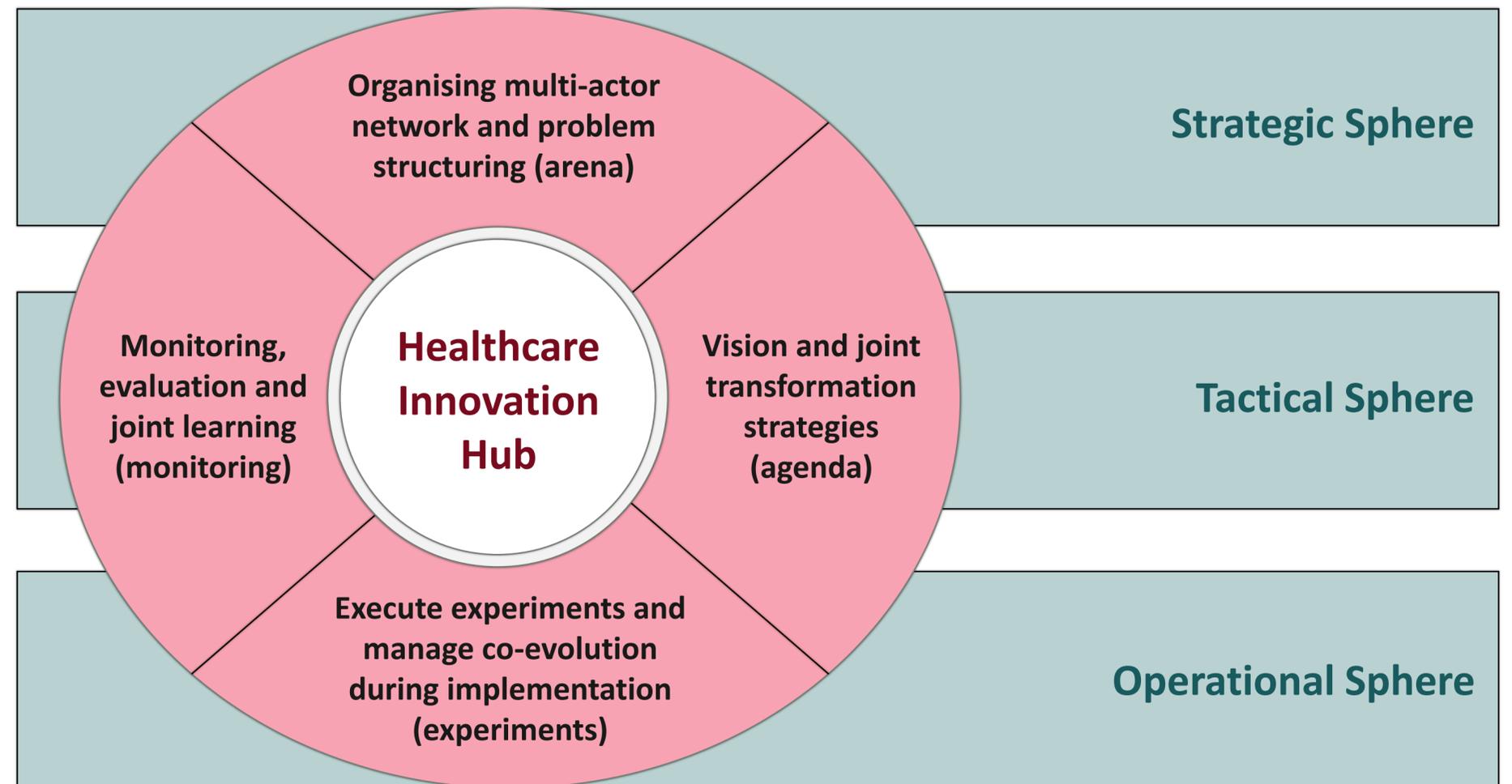
Healthcare Innovation Hub

Functions

- Strategically build network and structure jointly perceived problems
- Support development of visions and strategies for tactical interventions
- Provide operational context for experiments and implementation

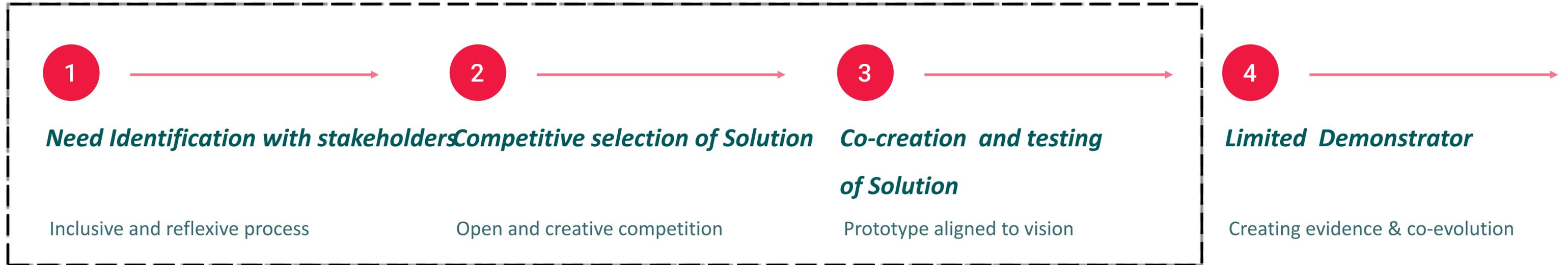
Objectives

- Provide space for deliberating the future of healthcare
- Enable experimenting, learning and innovating
- Support implementation and co-evolution of practice, organisation, and institutions



Based on [Loorbach and Rotmans, 2010](#)

A four step model

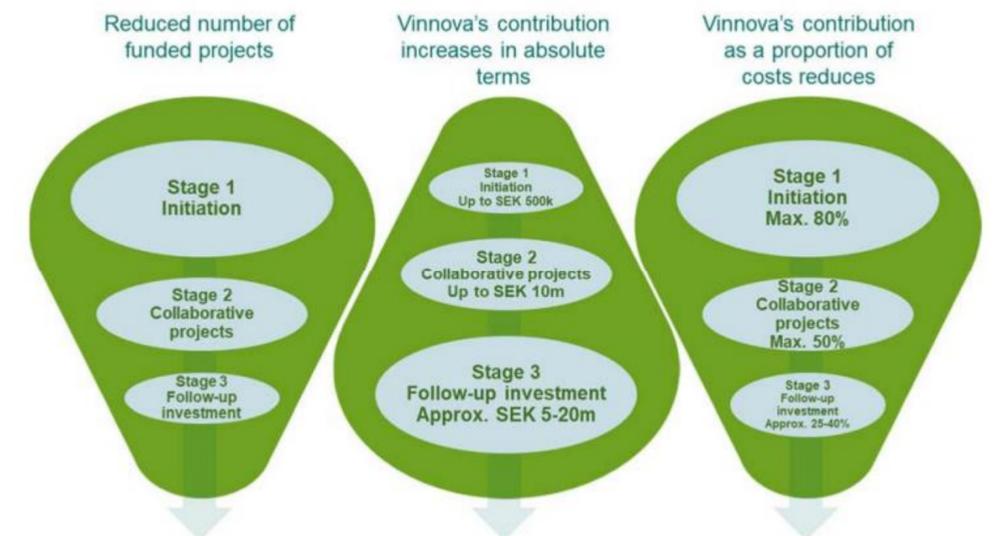


The forth step:

- No automatism but a new project based on successful 3rd step with a clear objectives and limited time and scope
- Learning and reflecting in limited context to gather evidence on clinical, economic, etc. impacts
- Understand the transformative implications on levels of practice, organisations, and institutions
- Create legitimacy for Solution and prepare implementation process

Inspiration:

Vinnova's Challenge-driven Innovation



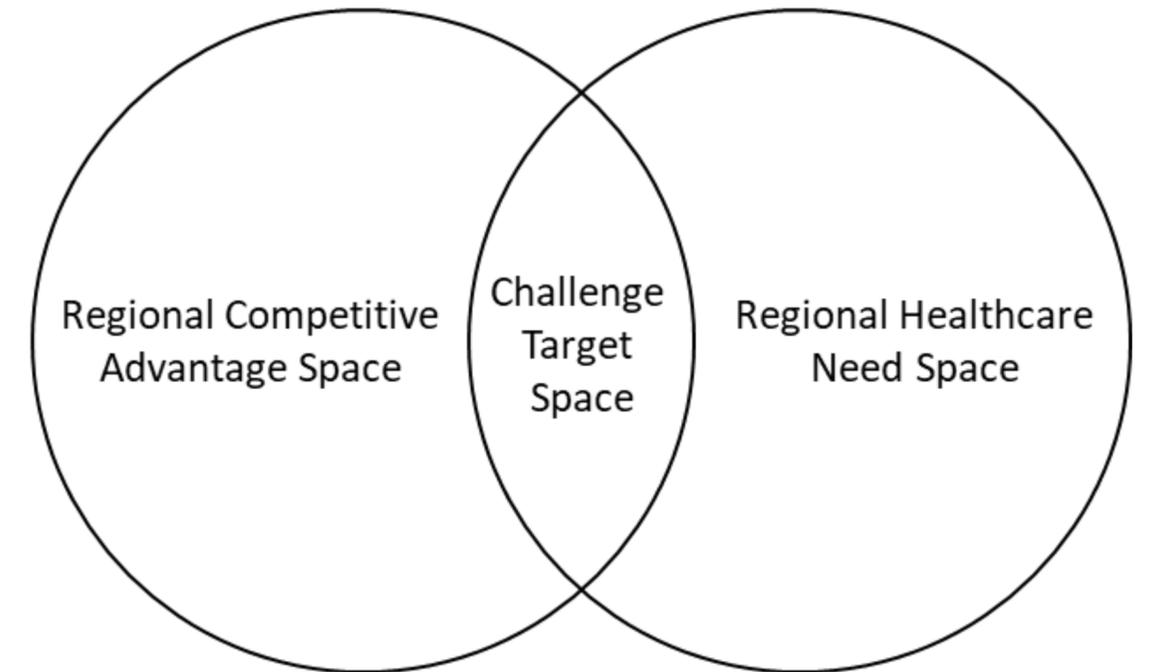
A double objective

Changing rationales for Innovation Policy

- Push for moving from innovation for developing an economic competitive advantage (S3) to innovation for meeting sustainability goals (S4, Agenda 2030)
- Need to translate Needs into Challenges that meet both, the requirements of the sector as well as the economic capabilities of the innovation system
- Increased need for strategic management capabilities for managing this process

Innovation is more than technology

- The required transformation of socio-technical systems will require a broad set of innovations
- The source of innovation thus might arise from unusual spots and cooperations





Summarising

- **Open, Responsible and Inclusive Innovation** is a set of processes that can be beneficial beyond normative reasons
- **Experimental approaches** are needed to deal with complexity and uncertainty. They are a way of learning, building coalitions and challenging hardened institutions.
- **Place-based** approaches are needed to fit localised problems and capabilities. Context matters!
- **Innovation often is evolutionary.** There is a need to manage the transition between practices and approaches. Implementation includes the discontinuation of old solutions.
- **Power and resources.** Not every stakeholder has the same preconditions to engage in this innovation journeys but that does not mean they are not relevant.

Get in touch!



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