



HELIUM
Interreg Europe



European Union
European Regional
Development Fund

HELIUM Kick off meeting

WELCOME

23-24 May 2016 | Kick off meeting in Eindhoven

1. Welcome!

Agenda Monday May 23, 2016

- Opening and welcome by lead partner
- Introduction
- Formalities and Finance
- Workplan in general
- Partner dinner at Mangiare

Agenda Tuesday May 24, 2016

- Opening and welcome
- Detailed workplan per period
- Communication Strategy
- Outputs and indicators
- Events and meetings
- A.O.B.
- Lunch followed by Site Visit to Centrale24

2. Introduction

- Partner organisation
- Your role in the organisation and within project
- The policy instrument you address

Country	Partner	Partner number / Abbreviation
NL	Brainport Development N.V. (Lead Partner)	LP
BE	Thomas More University (LiCalab) (Advisory Partner)	PP2-AP
NL	City of Eindhoven	PP3-CE
UK	Liverpool John Moores University	PP4-LJMU
UK	Local Enterprise Partnership	PP5-LEP
HU	Semmelweis University - Health Services Management Training Centre	PP6-SU
HU	National Healthcare Service Centre	PP7-NHSC
PT	University of Porto Innovation	PP8-UPIN
PT	Portuguese National Innovation Agency	PP9-ANI

Brainport Development

Thomas More Kempen

City of Eindhoven



Innovation hotspot Eindhoven





Target groups

Hospitals

Innovative start-ups

Government

Health and welfare

Knowledge and education

Health and Lifestyle initiatives

Inhabitants of region Eindhoven

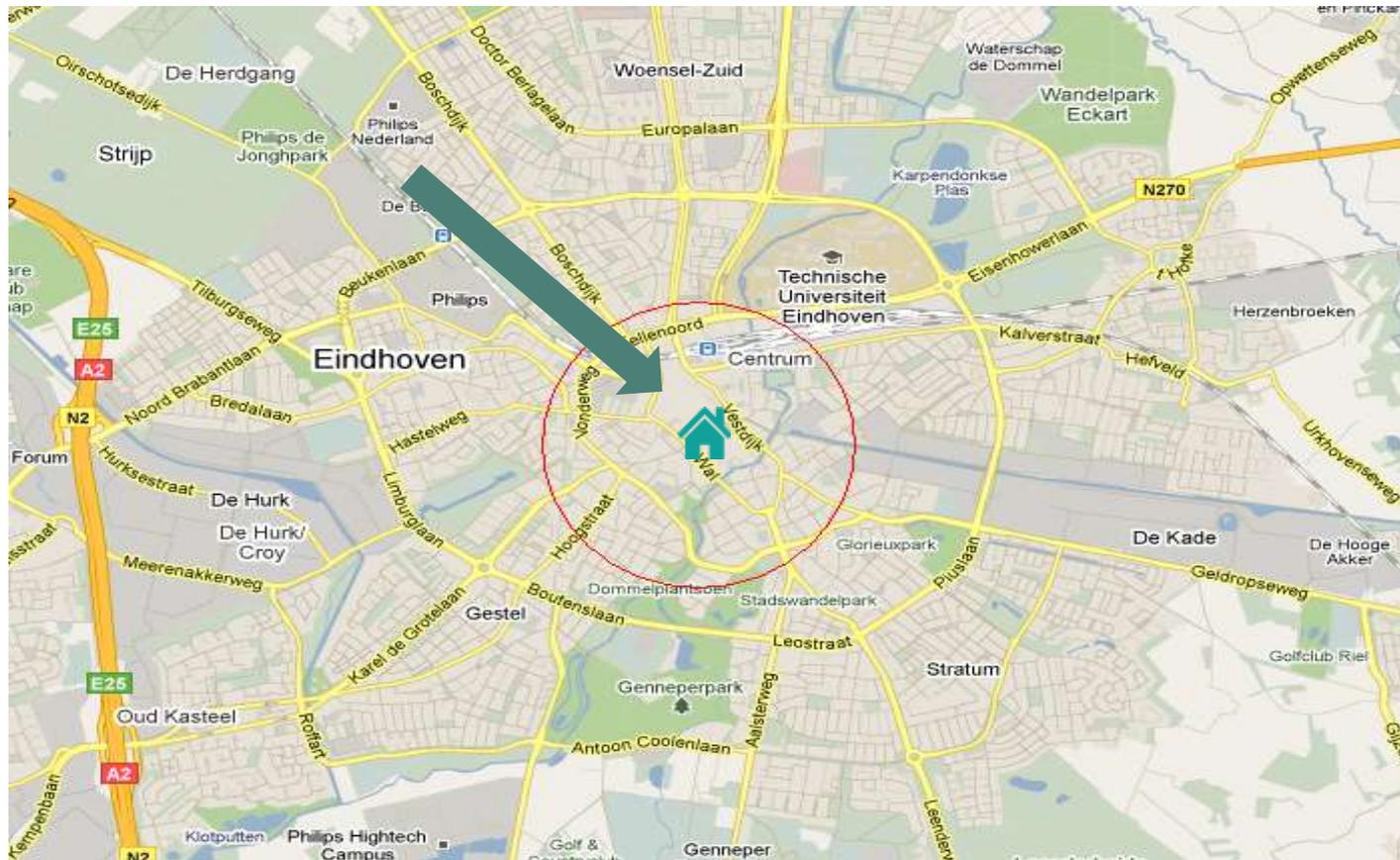
Established companies





Locatio

n





Goals

Inspiring environment

Independent meeting and flex spaces

Innovations created in a natural way



Expand network

Developers and users come together

Professionals and start-ups can share knowledge

Door is open to everyone



**SLIMMER
LEVEN 2020**

Innovation is the key to a more active and healthy world

Activities

Relax

Talks

Test

Flexible
workspace
s

Discuss

Meet

Exhibition
s



**SLIMMER
LEVEN 2020**

Innovation Networks for Active
and Healthy Living



SLIMMER
LEVEN 2020

Innovation Network for Active
and Healthy Ageing



SLIMMER
LEVEN 2020

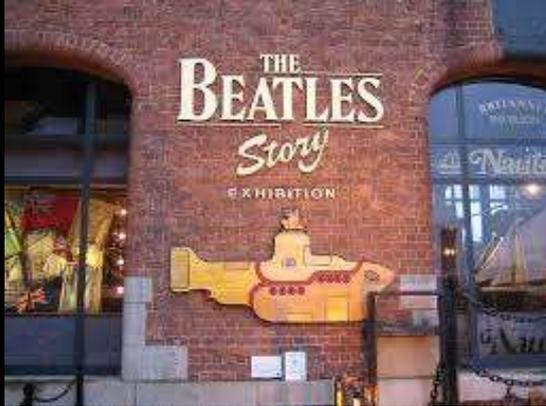
Innovation Network for Active
and Healthy Ageing

Liverpool John Moores University

Centre for Collaborative Innovation in Dementia

Overview

Presenter: Grahame Smith (G.M.Smith@ljmu.ac.uk)



Liverpool John Moores University - History

In 1823 a small institution was founded, the Liverpool Mechanics Institute. It was the first such institution to be founded in England. This led to establishment of the Liverpool Institute and School of Art and the Liverpool Nautical College, and in 1900 Irene Mabel Marsh opened the IM Marsh campus. These organisations together laid the foundations for Liverpool John Moores University.

Liverpool John Moores University - Present

Today the university has a vibrant community of 25,000 students from over 100 countries worldwide, 2,500 staff and 250 degree courses, Liverpool John Moores University is one of the largest, most dynamic and forward-thinking universities in the UK

The Centre's Living Lab

- Business innovation coaching within the health & social care space
- Memory enabling technologies
- Health & social care service design, delivery and evaluation
- Product testing and evaluation including apps and online resources

Beginnings

The 'living lab' approach was systematically developed through the Centre's participation in a European funded project called Innovate Dementia. The Innovate Dementia project used a living lab approach to place people living with dementia at the centre of the research-to-innovation process, to raise awareness around the use of innovative and technological-based care models, and support the move towards community-based dementia care.

“Innovate Dementia is a transnational three year programme designed to accelerate and enhance NW Europe’s capacity to innovate, through facilitating the development and sharing of knowledge based approaches and best practices for people living with Dementia. The programme aims to develop innovative, transferable dementia care models by exploring how technology and innovation can develop products and ways of living that will improve quality of life for people living with dementia and their families.”

(Innovate Dementia Baseline Report, 2013, pp.6)

Going Forward

Building on the work of the innovate dementia project the Centre's 'living lab' is now accredited through the European Network of Living labs (ENoLL).

Furthermore the Centre is now widening its reach by working with co-creation groups across health and social care including working with people with specific needs which are not dementia-related to working with businesses who are committed to co-created product design and testing.

Liverpool City Region Enterprise Partnership





Health
Enterprise
Hub

Liverpool City Region Local Enterprise Partnership & Innovation Agency

Dr Andrew Rose
Sector Manager –
Life Sciences and Health



Liverpool City Region
Local Enterprise Partnership



LIVERPOOL
HEALTH PARTNERS



INNOVATION AGENCY
Academic Health Science Network
for the North West Coast

Cheshire and Merseyside
Strategic Clinical Networks



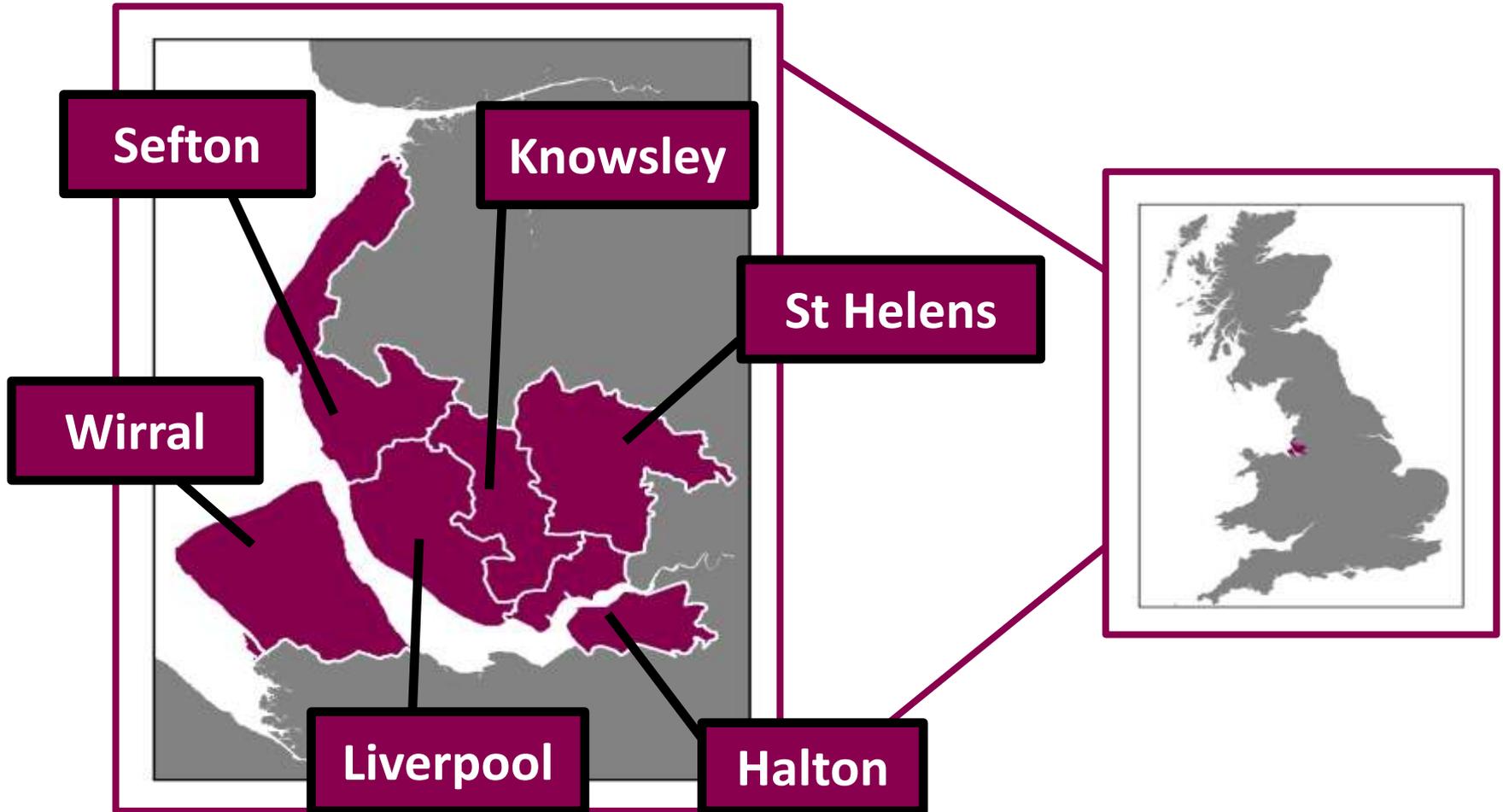
Liverpool City Region
Local Enterprise Partnership



European Union
European Structural
and Investment Funds

Liverpool City Region Local Enterprise Partnership (LCR LEP)

- Determine local economic priorities
- Lead economic growth and job creation
 - Business Growth
 - Enhancing Skills
 - Inward Investment
 - Membership
- Strategic developments (e.g. Devolution)
 - Reflect Public and Private Sectors





Health
Enterprise
Hub



Liverpool City Region
Local Enterprise Partnership



INNOVATION AGENCY
Academic Health Science Network
for the North West Coast

Cheshire and Merseyside
Strategic Clinical Networks



Liverpool City Region
Local Enterprise Partnership



European Union
European Structural
and Investment Funds

Health and Life Sciences

- **Business Growth**

- Ecosystem development
 - H&LS Board/Networks/promotion/audit
 - Evidence base for Innovation Plan - Interreg HELIUM
 - Finance & funding - ERDF, Innov UK
 - ERDF ESIF Health Innovation Exchange (under consideration – 2nd stage)
- Skills development
- Research
- Rollout of tech
- Export of tech

- **Inward Investment**

EU Structural and Investment Funds (ESIF) Strategy 2014-2020

- Strategy identifies interventions to address LCR's development needs by mobilising ESIF funds (and matching them with other funds)
- Aims to maximise local investment opportunities and tackle barriers of growth
- It sets 5 priority areas, one of them being the “Innovation Economy”
- Measures will create an effective innovation ecosystem – focussed on business growth and employment. Key elements for HELIUM:
 - “building on existing developments in the fields of ageing including dementia”,
 - “increase Open Innovation access...and accelerating the commercialisation of R&D”, and
 - “larger projects which will require collaboration, partnership and bringing together of smaller projects into larger pan LCR initiatives”.

Innovation Plan

- Focuses on specific strengths of LCR to create “Innovation Ecosystem” in 4 priority areas, including “health and wellbeing”
- Aims to reinforce LCR as an internationally significant region for innovation
 - Maximise the potential for business and employment growth
- Linked to ESIF Strategy
- Based on [RIS3 Guidance](#) and ["Smart Specialisation in England" strategy](#)

LCR LEP activities for HELIUM

- Share experience of support measures and related data
- Facilitate the stakeholder involvement/input/participation
 - Regional Stakeholder Group (RSG)
 - Workstream groups
 - Scouting, Creating, Valorising, and Uptake of Innovation
 - Provide links to Innovation Board (and new H&LS Board)
- Use European best practice to inform local practice, ESIF Strategy and Innovation Plan (and H&LS Plan being considered)
- Output to be assessed: % of companies involved in health related research collaboration which have gained access to open innovation facilities

Dr Andrew Rose
andrew.rose@liverpoollep.org
@LCRLifeScience
@innovationnwc



INNOVATION AGENCY
Academic Health Science Network
for the North West Coast

Semmelweis University

National Healthcare Service Center



HELIUM project - Kick off meeting **23-24.5.2016, Eindhoven (NL)**

PARTNER No 7. – NHSC
National Healthcare Service
Center, Hungary

About partner

- NHSC is responsible for governing over 100 hospitals and 20 health service providers owned by the Hungarian State.
- NHSC mission is to provide a well-focused methodological support and development strategy for the healthcare sector and Health 2014-2020 strategy.
- It has experience in public driven innovation process (eHealth), policy support.
- **Relevant projects:** SH/8/1 (SCF); TÁMOP 6.2.5.B; TÁMOP 4.2.6 (ESIF); HoCare (Interreg Europe / 01.04.2016 +48M).
- ESIF 2007-13/15: ICT >30 M EURO (total >1.1 Bn EURO)

Definitions

WHO definition of Health

Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity.

<http://www.who.int/about/definition/en/print.html>

Health care industry

The complex of preventive, remedial, and therapeutic services provided by hospitals and other institutions, nurses, doctors, dentists, medical administrators, government agencies, voluntary agencies, noninstitutional care facilities, *pharmaceutic and medical equipment manufacturers*, and health insurance companies.

<http://medical-dictionary.thefreedictionary.com/healthcare-industry>



Policy instrument (1)

- **Name:** Economic Development and Innovation Operational Programme (EDIOP) [+Human Resource Development OP (HRDOP)]
- **Responsible body:** Ministry for National Economy [+Min. for Hum. Cap.]
- **Objective, priorities:** largest SF programme in HU, aiming to improve competitiveness (more than 8 Bn EURO, ERDF + ESF)
- **Priority Axes 2:** aimed to improve research, technology and innovation via businesses /improving strategic RDI networks/ supporting innovative SME-s and research institutions
- **Priority Axes 8:** financial instruments (highest in EU28)
- **Innovation in health & health related industries is a priority under all PAs**

Policy instrument (2)

- **Governance of the instrument:**
Managing Authority (MA) and Intermediate Body (IB): in the Ministry for National Economy (NGM)
- **Calls for projects:** in line with Annual Development Framework, based on MA's approval.
- **Involvement of ÁEEK:** as a governmental body
 1. takes part in preparation of **standard/simplified/prededined** calls for projects;
 2. upon invitation of the Ministry, applies for grant with **predefined project proposals**, with special regard to big/flagship projects in the field of healthcare.
 3. Takes part in partnerships for open (standard) calls for projects **led by other institutions or SMEs**

Policy instrument (3)

- **Improvement of the policy instrument:**
 1. home care helps overcoming challenges in hospital care/cure
 2. new functions appear with home care
 3. new functions require innovation (home care is tied to innovation)
 4. at present there is a lack of need driven innovation calls
 5. at present there is a lack of high quality projects jointly carried out with end users
 6. wish to improve efficiency of use of funds:
 - by exploring measures to strengthen and to link innovation value chain both on regional and interregional level
 - by structuring funding schemes to the specific needs of health sector and care system
 7. improvement of governance of EDIOP(+HRDOP) is targeted by:
 - introducing new measures (incentives in calls, etc)
 - improvement of monitoring procedures

Regional context (1)

- **State of art of RIS3** - there is an approved S3 National Strategy for Hungary
 - Connection with the planned results of the project - objectives of the sectoral priority „Healthy society and wellbeing“
- **Research and innovation activities in HealthCare**
 - Biostatistics, epidemiology, big data, varifications
 - ICT (tele-, mobil- & e-Health)
 - Care system innovation models & pilots

Regional context (2)

- **Basic national/regional ecosystem mapping**
 - The project targets the bottlenecks in the national innovation system
(governance, funding, policy instruments, etc.)
Link to RIS3: direct connection with the sector development priority „Fostering health industry“ and to horizontal priority „Strengthening innovation cooperations“
 - Concept / strategy for industry

Regional context (3)

- **Main actors in R&I**
- As EDIOP is a national tool, the actors represent the whole country (+mirror territorial OP for Central HU) :
 1. Medical universities
 2. Research institutions
 3. Hospitals
 4. SMEs and enterprises, as innovation suppliers
 5. Public organisations
 6. Others

Regional context (4)

- **Quadruple-helix cooperation**

The stakeholder group represents the quadruple helix:

1. Knowledge institutions & universities
2. Members of health care
3. SMEs, suppliers of innovation + Mid caps & multie
4. Public organisations (e.g. line ministries, agencies, background bodies, etc.)

Good practises

- Which type of good practise partners can offer? (good practise project, good practise management, good practise related to strategic focus of program)
 1. Clusters & Industrial parks
 2. First steps to foster START Ups by universities and/or industry and/or state
 3. Cooperations among Universites & Industry
 4. EIT Health
 5. Examples to grant a/m initiation by OPs
 6. Tention to open a call for PCP

Stakeholders

- Ministry of National Economy (Managing Authority)
- Ministry of Human Capacities
- National research, Development and Innovation Office
- Medical Universities
- Top management of hospitals & Staff
- Vendors of hospitals (+chamber + associations)
- Clusters, industrial parks (+associations)



Role of R&D in the Economic Development and Innovation OP



EMBERI ERŐFORRÁSOK
MINISZTERIUMA

Peter Keller
Budapest, 9 October 2015

NEW INSTITUTIONAL BACKGROUND FROM 15 APRIL 2014

EDOP Intermediary Body



Hungarian Economic Development Centre



National
Development
Agency

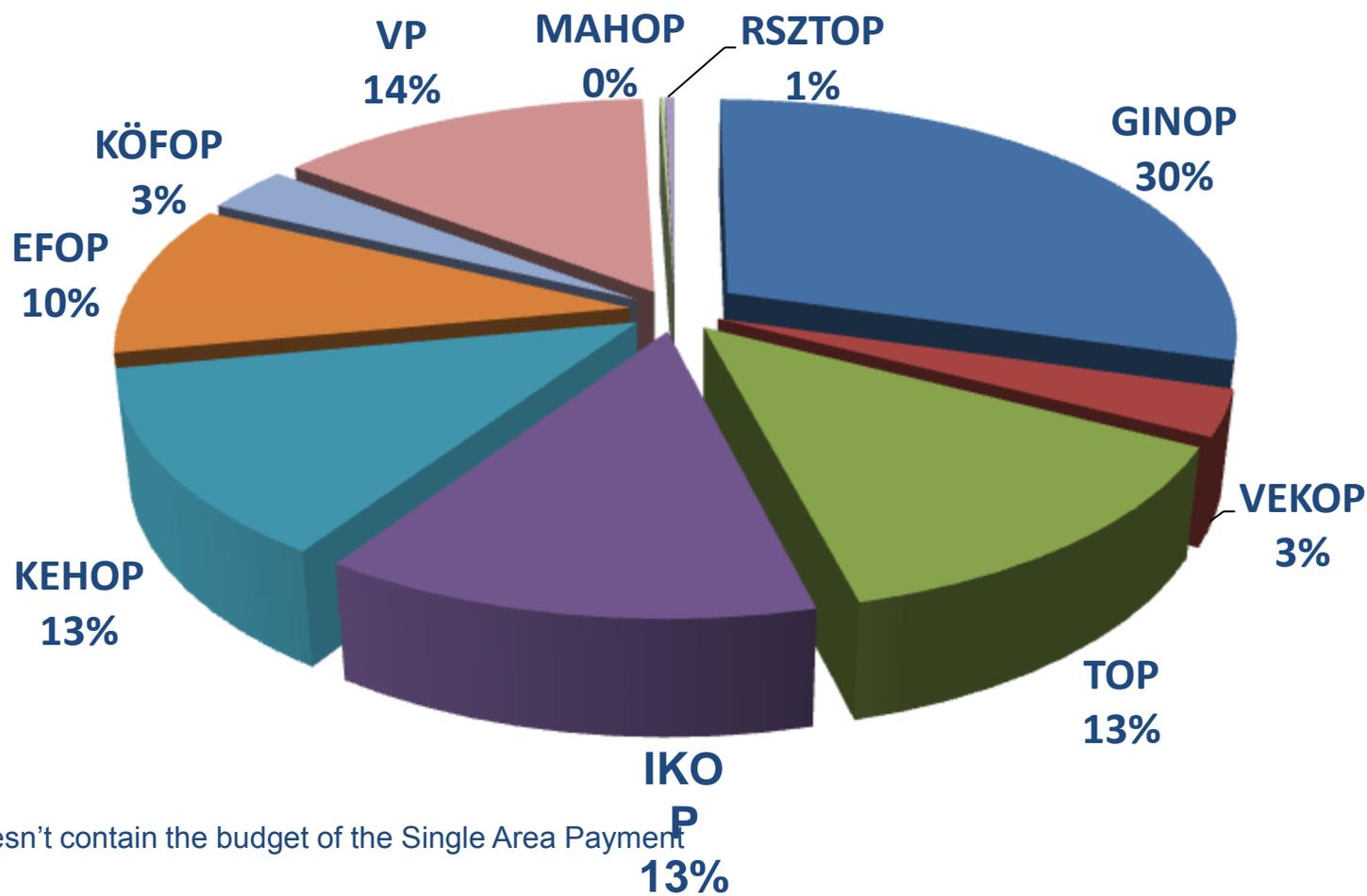
EDOP Managing Authority



MINISTRY
FOR NATIONAL ECONOMY



Name of the Operational Programme	million EUR
Economic Development and Innovation Operational Programme (GINOP)	8 813
Competitive Central-Hungary Operational Programme (VEKOP)	927
Territorial Operational Programme (TOP)	3 971
Integrated Transport Development Operational Programme (IKOP)	3 920
Environment and Energy Efficiency Operational Programme (KEHOP)	3 785
Human Resources Development Operational Programme (EFOP)	3 070
Public Administration and Services Operational Programme (KÖFOP)	935
Rural Development Programme (VP)	4 174
Hungarian Fisheries Operational Programme (MAHOP)	51
OP for Supporting Socially Disadvantaged Persons (RSZTOP)	111
+ direct Single Area Payment Scheme	7 643
Total	37 400



* The chart doesn't contain the budget of the Single Area Payment Scheme

2014-2020

Economic Development and Innovation Operational Programme (GINOP)

1. Increasing the competitiveness and productivity of SMEs
2. Research, technological development and innovation
3. ICT developments
4. Energy
5. Employment
6. Competitive labour force

Regional Operational Programmes (business infrastructure)

Regional Operational Programmes (tourism)

Environment and Energy OP

- Energy efficiency

Social Renewal OP

- Employment
- Competitive labour force

Social Infrastructure OP

- R&D&I infrastructure at universities

Economic Development Operational Programme

- R&D and innovation for competitiveness
- Complex development of enterprises (focusing on SMEs)
- Improvement of modern business environment
- Financial instruments

2014

2020

GINOP 2014-2020

1. SME
≈ 1582
M EUR

Capacity building
Modern business
infrastructure
Entrepreneurship
Clustering, access
to market

2. R&D&I
≈ 1688
M EUR

R&I
infrastructure
and capacity
Business R&I
Strategic R&I
cooperation

3. ICT
≈ 455
M EUR

Competitive
ICT sector
Digital
economy
Digital
catching-up
Broadband

4. Energy
≈ 226
M EUR

Energy
efficiency and
renewable
energy

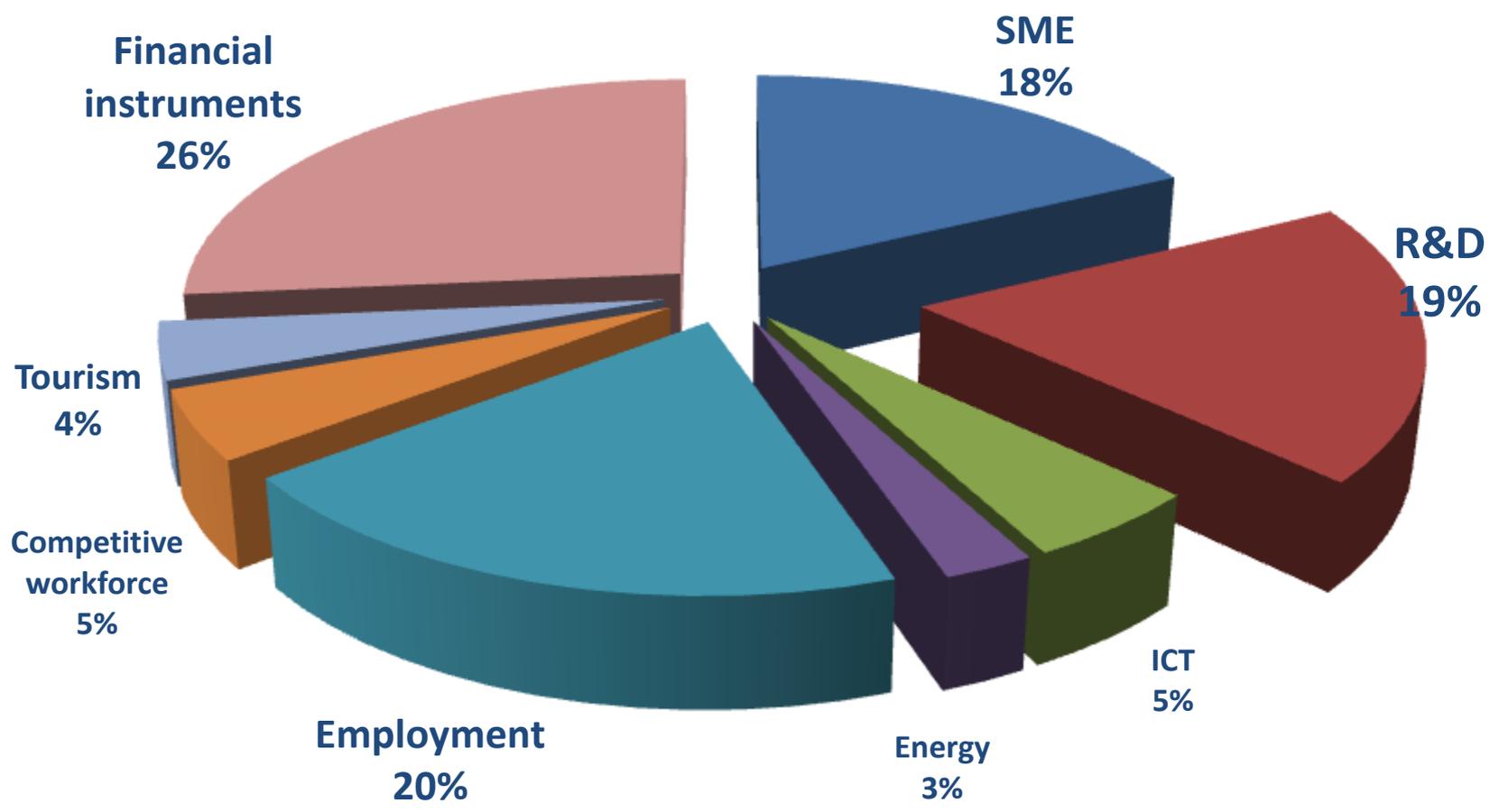
**5. and 6.
Employment
and training**
≈ 2239
M EUR

Employment
programmes
Trainee
programmes
Flexibility at
work
Training

7. Tourism
≈ 361
M EUR

Preservation
of natural and
cultural
heritage

8. Financial Instruments ≈ 2352 M EUR



compared to previous period

- No fragmented economic development programmes;
- Economy and enterprise development is in the focus;
- Focusing on SME development (manufacturing sector);
- Investment in less developed areas (Special Enterprise Zone);
- **Almost 1700 m EUR for R&D&I (double amount compared to 2007-13);**
- ESF sources integrated into the competitiveness OP;
- Largest priority for Financial Instruments in the EU28;
- Separated ICT priority;
- Reducing bureaucracy:
 - E-administration
 - Simplified procedures

R&D related calls

Number of call	Name of the call	Budget (m EUR)	Type of selection process
GINOP-2.1.1	Supporting R&D&I activities at enterprises	161.3	simplified
GINOP-2.1.3	Intellectual Property Rights	3.2	standard
GINOP-2.2.1	Competitive Cooperations	161.3	standard
GINOP-2.3.2	Excellence of Strategical R&D Centres	129	simplified
GINOP-2.3.3	R&D Infrastrucutre development – international networking	64.5	standard

Aim of the call

Enhancing the R&D&I capacity of enterprises

Eligible applicants

SMEs , large enterprises (individual and consortium form are both eligible)

**Amount of subsidy
Intensity rate**

0.16 – 3.2 million EUR

50-70% (Depending on the project)

Supported activities

Industrial research

Experimental research

Process innovation

Purchasing machineries, intangible assets

Infrastructural development

Project preparation, project management

Participation on fairs, exhibitions

Aim of the call

Supporting the domestic and/or international protection of intellectual property rights of inventions, creative works, industrial design rights, etc.

Eligible applicants

SME , non-profit organisations, public bodies

**Amount of subsidy
Intensity rate**

3 200 – 19 300 EUR
Max. 100%

Supported activities

Novelty, inventiveness and related search services
Activities related to acquiring and maintaining protection of intellectual property rights
Service activities related to the assessment and/or audit of intellectual assets

Aim of the call

Facilitating the long term strategic cooperation between enterprises and research organisations.

Eligible applicants

Forming consortia is compulsory!!!!: SMEs, large enterprises, non-profit organisations with R&D activities, public bodies

**Amount of subsidy
Intensity rate**

1.6 – 13 million EUR

50-70% (Depending on the project)

Supported activities

Basic research

Industrial research

Experimental research

Purchasing machineries, intangible assets

Infrastructural development

Project preparation, project management

Code number	Name of the call	Budget (m EUR)	Type of selection process
GINOP-2.1.4	Innovation voucher	9.6	simplified
GINOP-2.1.5	Innovative eco-system (start-up, spin-off)	16.1	simplified/ standard
GINOP-2.1.7	Prototype, product-, technology- and service development	64.5	standard
GINOP-2.3.1	Developing international R&D cooperations	11.3	simplified
GINOP-2.3.4	Higher Education and Industrial Cooperation Centre – development of research infrastructure	80.6	standard

peter.keller@ngm.gov.hu

www.palyazat.gov.hu

University of Porto

Portuguese National Innovation Agency



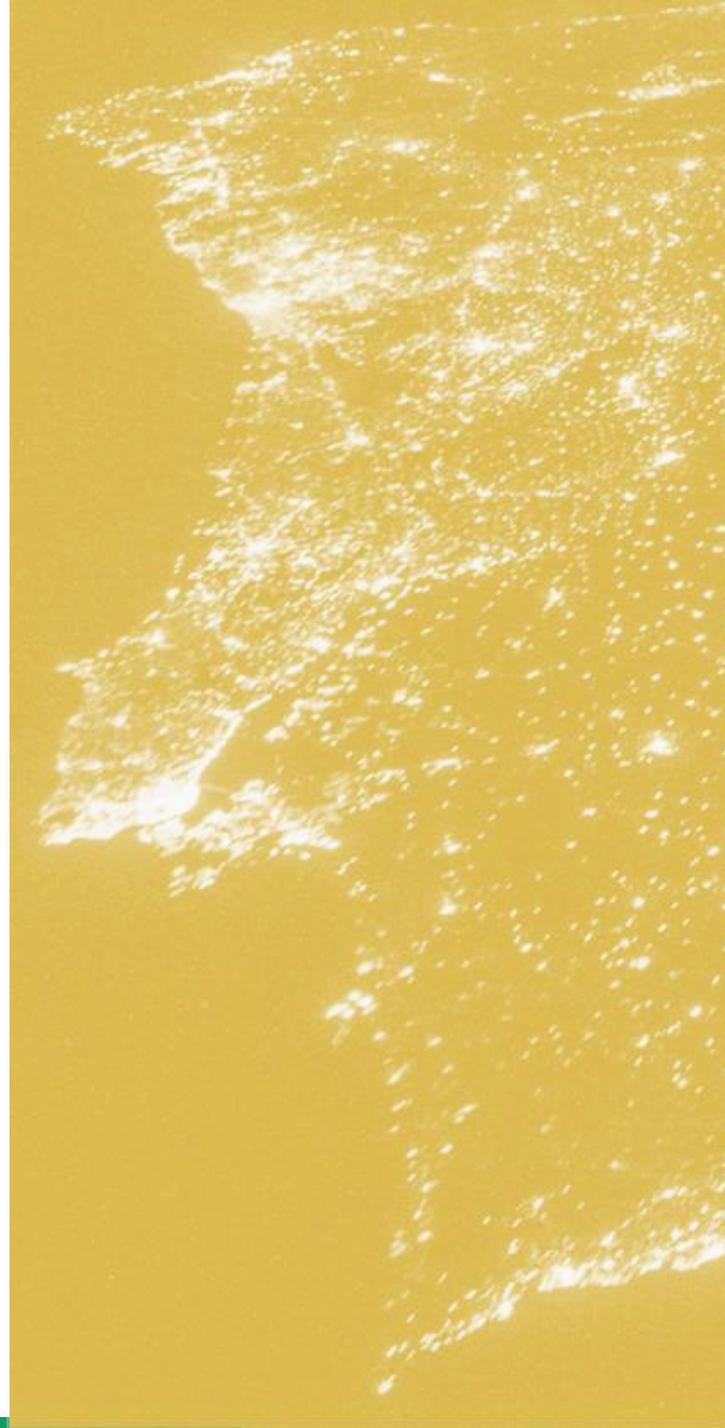
AGÊNCIA NACIONAL
DE INOVAÇÃO

INSTITUTIONAL PRESENTATION

HELIUM PROJECT - KICK OFF

DANIEL FERREIRA POLÓNIA

DPOLONIA@ANINOV.PT
EINDHOVEN, MAY 2016



MANDATE	INNOVATION FOCUS	ACTIVITIES	FUNDING/ RESOURCES
Promote tech transfer and the internationalization of the R&I System	Mostly technological	Support R&I Projects Value Added Services	Mostly Government-funded, ESRDF, other

OUTPUTS	BUSINESS AREAS	STAFF
1250 M€ tax incentives 392 M€ financial incentives (2008-2015)	3 different Business areas: <ul style="list-style-type: none"> •Financial and Tax incentives •Projects & International Cooperation •Policy and Innovation Promotion 	83

Enhancing collaborative innovation

1. Leverage **knowledge transfer** to companies
2. Increase the participation of the National S&T System and of national companies in the Research & Innovation international networks
3. Strengthen **business investment in R&I**
4. Foster a social environment which favours **technological entrepreneurship**

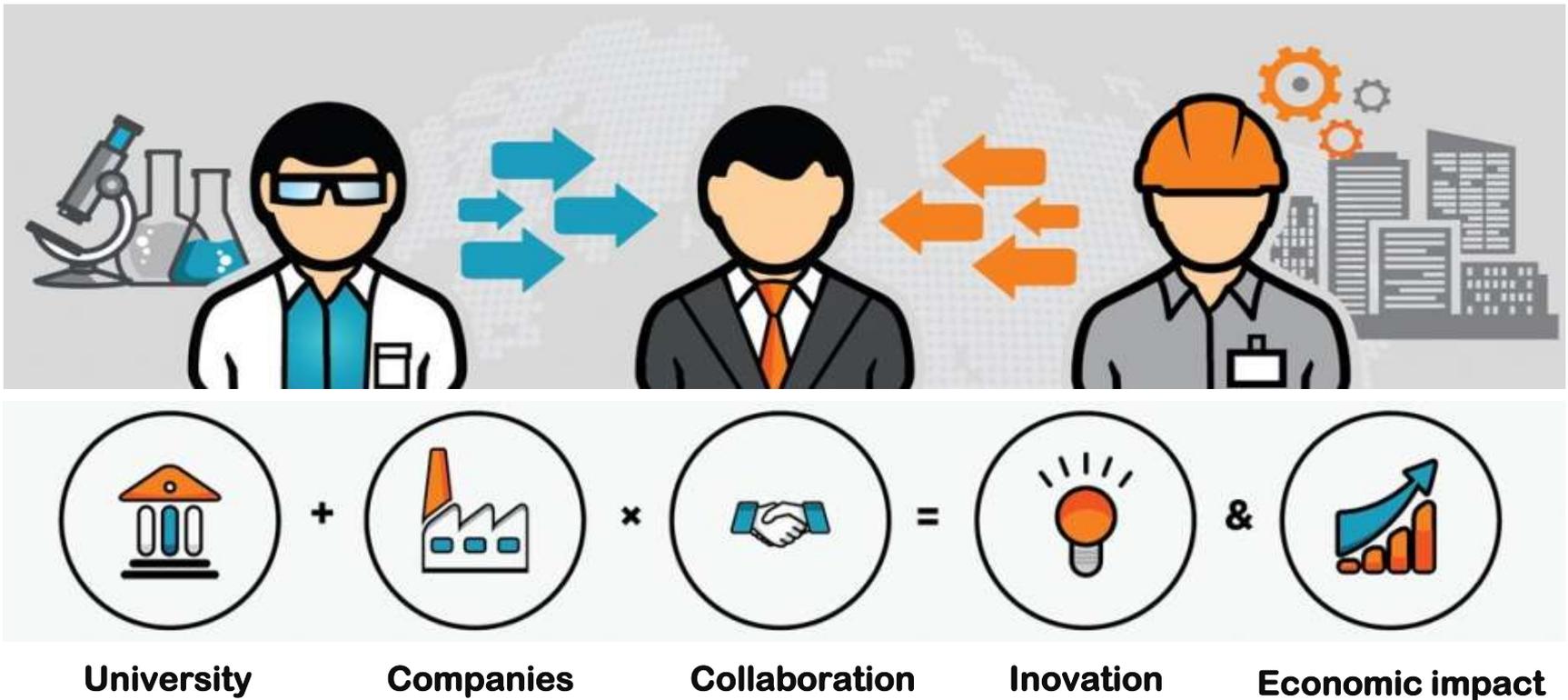
Enhancing collaborative innovation



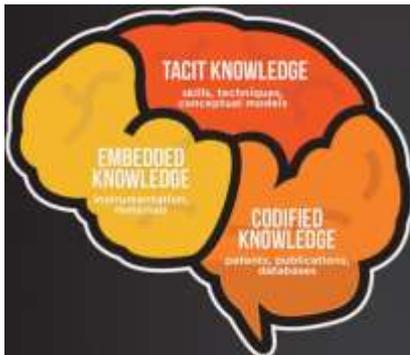
**UNIVERSITY – INDUSTRY
COLLABORATION**

**TECH TRANSFER
COMERCIALIZATION &
INNOVATION**

Value creating integrative approach to the knowledge/tech transfer process



Improved articulation between companies and other R&I entities



Source: adapted from www.innovationpolicyplatform and avalancheinfographics.com

At the heart of ANI Mission

Value creating integrative approach to the R&I cycle

incentives | services

financial/tax – internationalization – support



ANI ROLE IN HELIUM



ANI role in HELIUM Project

- Extensive partner network
- Policy leveraging capacity
- Policy partner in PT:
 - Involve regional stakeholders in the RSG
 - Deliver feasible policy recommendations
 - Build synergies between EU/national/regional policy instruments

ANI role in HELIUM Project

□ Regional Stakeholder Group (RSG)

- North Regional Coordination and Development Commission (CCDRN),
 - Managing Authority of Norte 2020
- Ministry of Economy
- Ministry of Education
- Ministry of Science
- Health Cluster Portugal (~150 members)
- COTEC Portugal – Entrepreneur Association for Innovation (~120 members)
- AEP – Portugal Entrepreneur Association and chamber of commerce
- ANJE – National Association for Young Entrepreneurs
- UPTEC – Science Park and incubator of the University of Porto

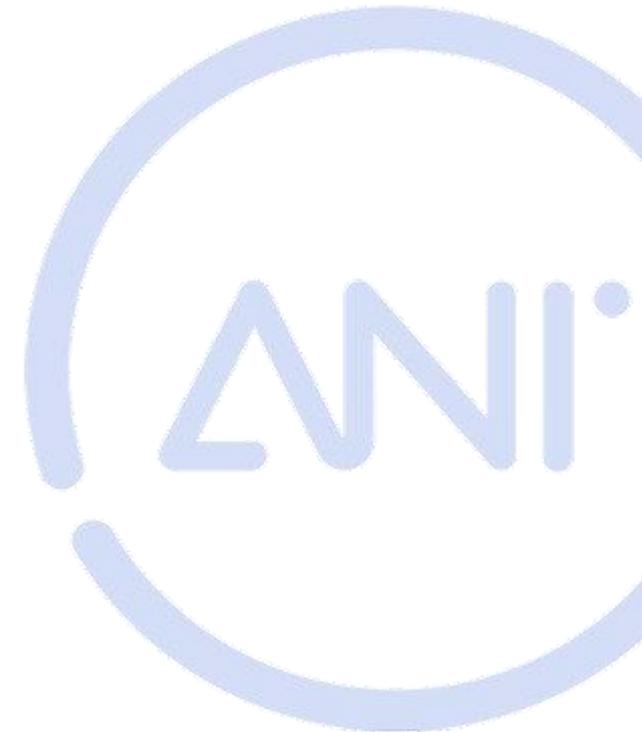
ANI expectations in HELIUM Project

- Create more complete and sustainable innovation value chains
- Evaluate impact of different financing schemes
- Analyze the results of matching public & private funds.

Daniel Ferreira Polónia

- ❑ **Project Manager for the Helium Project on behalf of ANI**
- ❑ **PhD in Engineering (Teleradiology)**
- ❑ **Project Management Consultant at Agência Nacional de Inovação**
 - ❑ Since January 2016
- ❑ **Assistant Professor at Universidade de Aveiro Management Dept.**
 - ❑ Since October 2007
- ❑ **20 years experience in Project Management**

INSTRUMENT POLICY



NORTE 2020 (Policy instrument 5)

Health sector:

- Portuguese companies are internationally recognized as high quality suppliers
- Capability to develop, manufacture and supply a wide range of products and services with high flexibility.
- Critical mass of resources and assets to boost knowledge and innovation excellence in health

Set up a health economy based on a variety of innovative products and services, replying to international needs, reinforcing the potential

NORTE 2020 (Policy instrument 5)

Priority Axis 1: Strengthening RTDI

Health as a key S3 to be targeted

2007-2013 showed significant challenges regarding the integration of results of R&D projects into actual business practices.

NORTE 2020 (Policy instrument 5)

- The health sector has experienced a remarkable evolution during the last decades in Portugal. Portuguese companies are internationally recognized as high quality**

- Suppliers of healthcare products and services (e.g. pharmaceuticals, medical devices and other medical technologies) being capable to develop, manufacture and supply a wide range of products and services with high flexibility.**

NORTE 2020 (Policy instrument 5)

□ Pharmaceutical and medical device industries have grown above the country's average in recent years, with a marked rise in exports (experiencing a growth of 65% between 2008 and 2013).

□ The North region shows a critical mass of resources and assets (incl. worldclass R&D institutions, universities and scientists) to boost knowledge and innovation excellence in health, aiming to set up a health economy based on a variety of innovative products and services.

NORTE 2020 (Policy instrument 5)

New instruments:

Collaborative Projects

- Smaller actions promoted by a consortium of companies and research organizations

Demonstration Projects and

Mobilization Projects

- Largescale cluster type, sector wide actions

2. Formalities and Finance

HELIUM finance

- Subjects:
- Welcome
- 1 Structure of the project
- 2 Europe – JS - Partnership
- 3 Eligible costs
- 4 Reporting
- 5 Other details
- Thank you
- 23-05-2016

Welcome

- Welkom / Welcome / bem-vindo / fogadtatás
- Consider this presentation as a quick reference guide
- Hans Pieterse – project controller & financial manager of international projects
- H.pieterse@brainportdevelopment.nl
- <https://nl.linkedin.com/in/hanspieterse>

1 Structure of the project

- Plan -> written down in Application form
- Application form -> approved -> Subsidy Contract
- Changes during the years -> Amendments
- Partnership agreement between partners
- European commission represented by managing authority
- Partners represented by Lead Partner

1 Structure of the project

- Subsidy contract is about the essentials like workpackages, budgets and the rights and obligations concerning the subsidy
- Partnership agreement is about the allocation of work, the management of the project en mutual rights and obligations

2 Europe – JS - Partnership

- So who is communicating with whom?
- European commission < > managing authority < > leadpartner < > partners

3 Eligible costs

- References: programme manual (current version 2 - 19 January 2016) section 6.2 reporting and 7 financial management
- Eligibility period: from 9/2/2016 (approval by monitoring committee) to project end date.
- Last 3 months of project administrative project closure
- So: submission date of last report = project end date = end date of eligibility of costs

3 Eligible costs

- Definition: programme manual 7.1

Generally speaking, to be eligible at project level, costs must:

- relate to activities planned in the application form, be necessary for carrying out these activities and achieve the project's objectives and be included in the estimated budget,
- be in accordance with the principles of sound financial management i.e. reasonable, justified, consistent with the usual internal rules of the partner, the EU, the programme and national rules,
- be identifiable, verifiable, plausible and determined in accordance with the relevant accounting principles,
- be incurred and paid by the partner organisation, debited from its bank account no later than the project end date, be substantiated by proper evidence allowing identification and checking.

Should expenditure be reimbursed on the basis of a lump sum or flat rate, the latter two principles do not apply.

3 Eligible costs

- Not Eligible: examples gadgets, gifts, fines, in-kind contributions and expenditure already supported by other subsidies.
- Pitfalls : activities / travel outside programme area, anything not mentioned in application form, over time, shared costs, invoices between partners, using average rates, evidence of relatively small costs, overhead.

4 Reporting

- 54 months = 9 semesters (budget wise emphasis on first 30 months)
- Every half year a payment claim
- You will be informed in due time – first deadline 1/1/17
- your responsibility :Plan well ahead – the schedule is always tight – 3 months for partner/FLC/leadpartner/FLC/managing authority
- Difference with previous Interreg projects - decreased responsibility for Lead partner FLC

4 Reporting

- Main steps: partner completes list of expenditure and supporting documents
- FLC controller checks and confirms eligible expenditure
- FLC provides control report and certificate
- Lead partner checks and includes expenditure in report
- Lead partner FLC doesn't re-do the work of partner controllers!

4 Reporting

- Budgetlines for directly employed staff (staff, administration costs, travel, equipment)
- Staff (be carefull: seconded staff or staff of linked parties is not included)
- Administration costs (15 % flat rate of staff costs for office rent / supplies etc) no supporting evidence required

4 Reporting

- Travel and accommodation (only for staff – non staff travel costs = external expertise budget)
- Equipment
- External expertise and services (public procurement! Be sure to identify which rules apply and award the contract in a fair and transparent way. Document and archive the justification)

4 Reporting

- General principles:
- Allocate expenditure in right budget line
- Justify unforeseen expenditure or over/underspending
- Reported activities and finances have to match

4 Reporting

- FLC – centralised and decentralised systems
- Check interreg europe website or get in touch with your national point of contact

5 Other details

- We will keep you informed with regard to the timeline and financial progress
- Request for change
- do not forget the communication requirements

Thank you

- When in doubt, always ask the lead partner
- In case of exceptions and special situations always discuss beforehand or ask permission

3. Workplan in General

Definition of Innovation

‘The innovation process is built on the inherent strengths of a regional economy. It is a solution focused process, translating new concepts into impactful and growth creating solutions at a societal level.’

Definition of Health Care system

The healthcare industry (also called the medical industry or health economy) is an aggregation and integration of sectors within the economic system that provides goods and services to treat patients with curative, preventive, rehabilitative, and palliative care. It includes the generation and commercialization of goods and services lending themselves to maintaining and re-establishing health.

It includes all activities with:

- Promote Healthy Living
- Support Active Ageing
- Improve Healthcare Systems
- Quality of Life
- Support Active Ageing

Joint methodology for regional analysis

- **SWOT analysis of policy instrument from the defined governance level**
- **SWOT analysis of the innovation system in the different regions**

Templates SWOT analysis

Phase 1 – Interregional Learning

- **Spanning from Semester 1 – Semester 5**
- **04/2016 – 09/2018**
- **Three stages**
 - U-Explain-It
 - Let's-Blend-It
 - I-Polish-It

U-Explain-It

Unfolding the EXPerimental LANDscape to Identify Needs for Innovation Transmission

- **What is in place?**
- **Which areas are in need of improvement?**
- **Regional identification of Good Practices**
- **Ambitions to be achieved through the learning process**

Let's-Blend-It

Learning, Exchanging, Transferring and Syntesizing Building bLocks for EfficieNt Delivery of Innovation

- **Gaining knowledge of the landscape of other regions**
- **Identification actions of knowledge exploitation**
 - Knowledge transfer
 - Knowledge multiplication
 - Knowledge blending
- **Start in Semester 2 (10/2016)**

I-Polish-It

Improving POLicy Instruments Supporting Health-InnovaTion

- **Development of action plans**
- **Knowledge sharing & peer review**
- **Large-scale communication & dissemination actions**
- **Semester 4 (10/2017)**

Task Forces

- **Scouting Innovation**
 - University of Porto
- **Creating Innovation**
 - Liverpool John Moores University (LJMU)
- **Valorising Innovation**
 - Brainport Development
- **Uptake of Innovation**
 - Semmelweis University

Setting up the task forces

- Analysis of the approach of the governance level for each phase of innovation
- Role of the RSG in the task forces
- Sharing good practices

Setting up the task forces

The innovation chain: how do the four phases of innovation interrelate with the different fields of regional governance and infrastructure?

Four phases of the innovation chain	Fields of regional governance and infrastructure
Scouting innovation	Living lab
Creating innovation	Data infrastructure
Valorising innovation	Shared facilities and services
Uptake of innovation	Consumer market
	Impact of investments
	Experimental spaces and research for disruptive innovation
	Education and job market

Regional policy & infrastructure

Living Lab Environment

Data Infrastructure

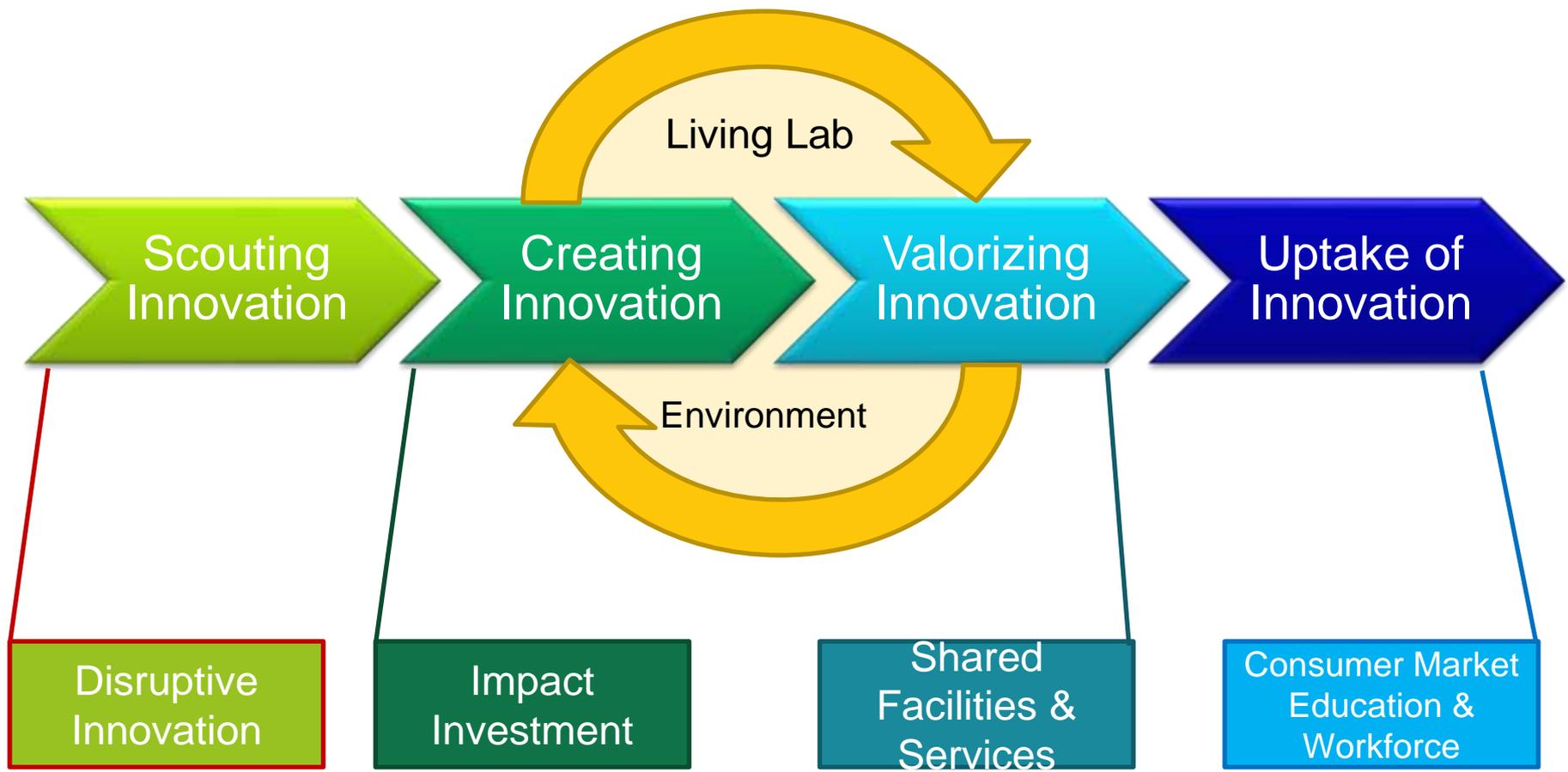
Shared Facilities & Services

Impact Investment

Disruptive Innovation

Consumer Market

Education & Workforce



Interregional Seminars

- **Framework for organizing Task Force meetings**
- **Hosted by regions on rotating basis**
 - Semester 2 – Belgium
 - Semester 3 – Liverpool
- **Dedicated to topics covered by one (or more) Task Force**
- **Better understanding of region specific needs**

Regional Stakeholder Groups (RSG's)

Each region will have a RSG

- Brainport Development
 - Municipality of Eindhoven
 - Liverpool City Region Local Enterprise Partnership
 - National Healthcare Service Center
 - Portuguese National Innovation Agency
-
- **Composed of members reflecting the geographic scope of the targeted respective policy instrument**
 - **Outline of RSG criteria**

Valorising Innovation

- **Implementing and scaling up innovation / testing the business model**
- **Example Eindhoven region; Shared Service Center Centrale24 (Site Visit Tuesday May 24)**



Circles of Care

- Collaboration of 20 care providers
- Provide a higher quality of care and extra security for people in need of (unplanned) care
- Shared night teams



Circles of Care

Remote surveillance by the use of electronic equipment: sensors, movement sensors, door switches, mat alarms, GPS transmitters, etc. and support of a call center



Key factors for success

- Organized on community level: all relevant stakeholders involved
- Built on trust
- Deployment model by use of experienced organizations
- Collaboration toolkit
- Integrated in education programmes of care professionals



Process to eCare Centre

- Need to share more facilities and infrastructure
- Positive contribution to exploitation costs, higher level of efficiency
- Care and welfare providers work on their core task



- Decentralization of tasks
- ICT is getting more complex

Principles of the eCare Centre

- A higher level of quality and efficiency for care and welfare providers
- SSC with shared ownership public/private organizations
- Service portfolio by demand of customers
- Open shared and inclusive ICT platform
- Infrastructural node for big data, patient health record, personalized health and connecting clinical and non-clinical



Interregional Seminars

- **Framework for organizing Task Force meetings**
- **Hosted by regions on rotating basis**
- **Dedicated to topics covered by one (or more) Task Force**
- **Better understanding of region specific needs**

Training Regional Stakeholder Groups (RGS's)

Brainport Development, Municipality of Eindhoven,
Liverpool City Region Local Enterprise Partnership,
National Healthcare Service Center, Portuguese National
Innovation Agency

- Composed of members reflecting the geographic scope of the targeted respective policy instrument

Stakeholder involvement strategy

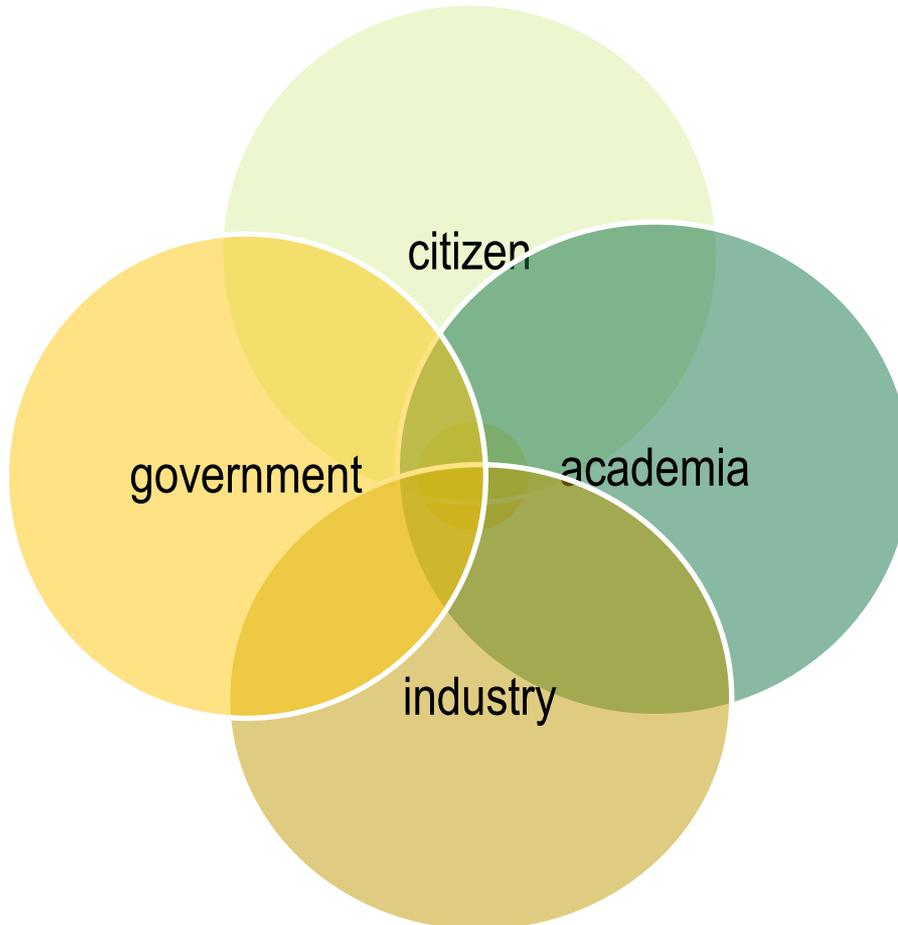
1. Regional stakeholder definition



“Any person, or group, who has an interest in the project or could be potentially affected by its delivery or outputs”

Stakeholder involvement strategy

2. Helium regional stakeholder group

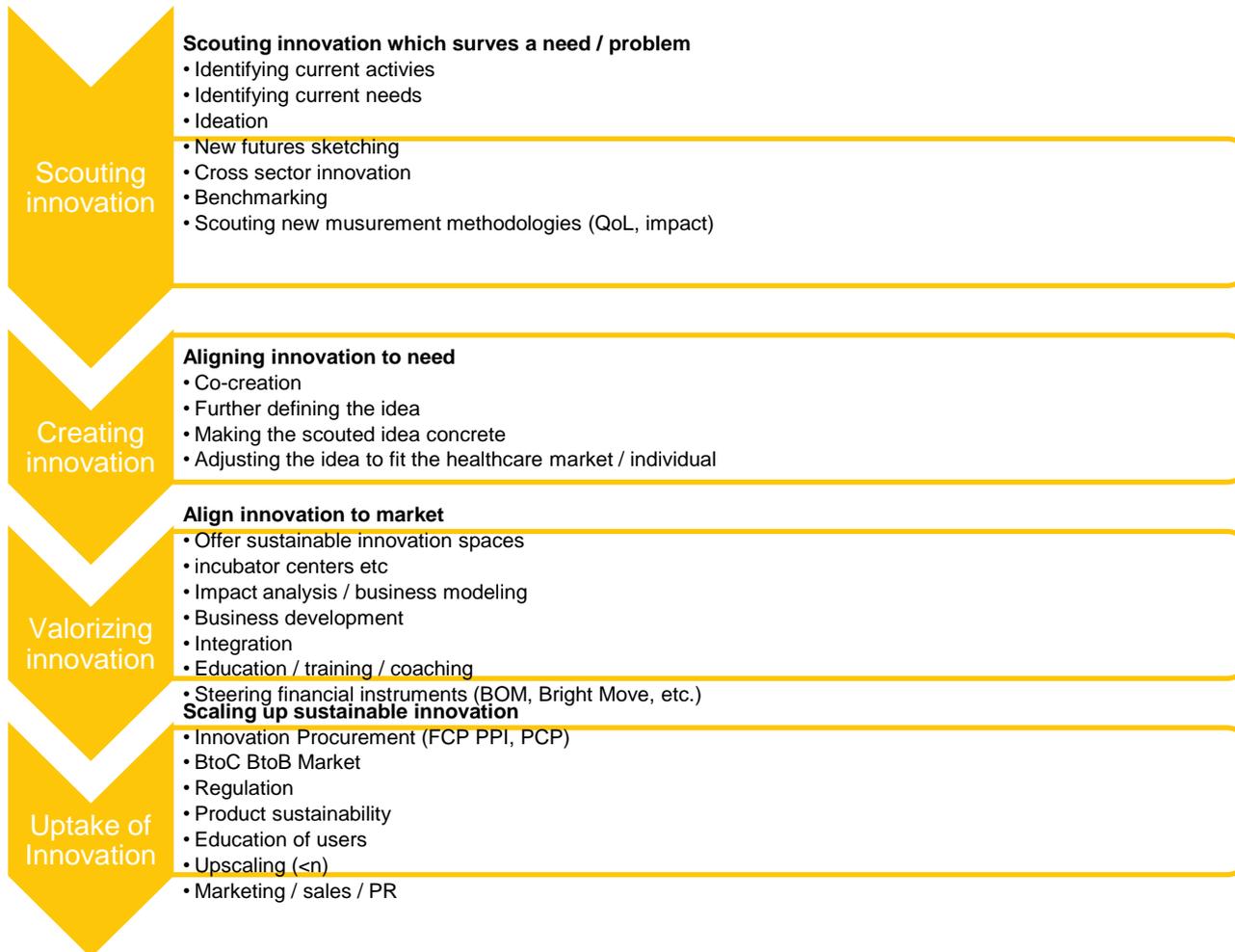


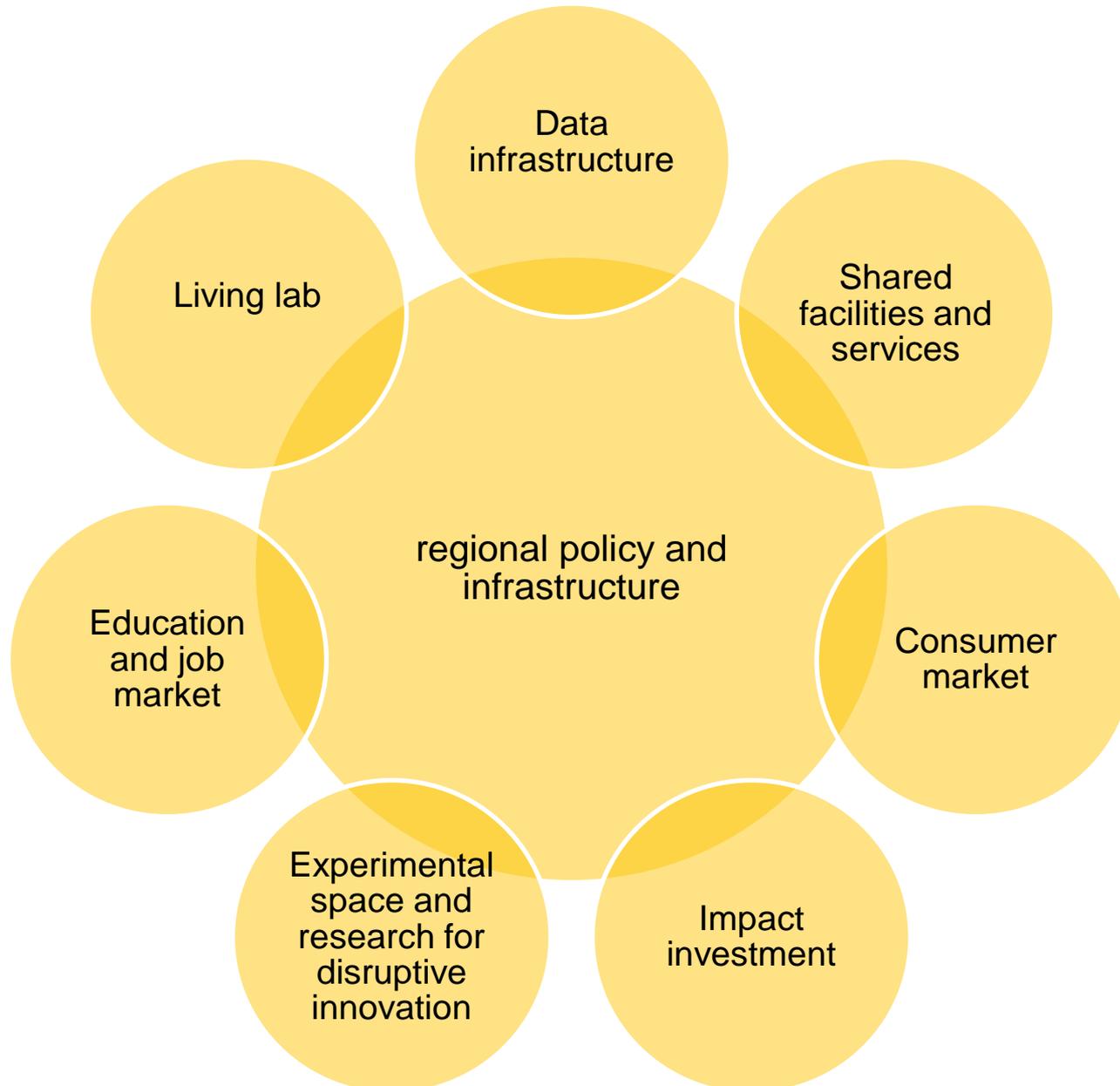
- Number of RS per policy instrument
- Timing
- **Template**
 - Description selected RS
- **RSG meeting guidelines**
 - Methodology
 - Practice
 - Expected outcomes

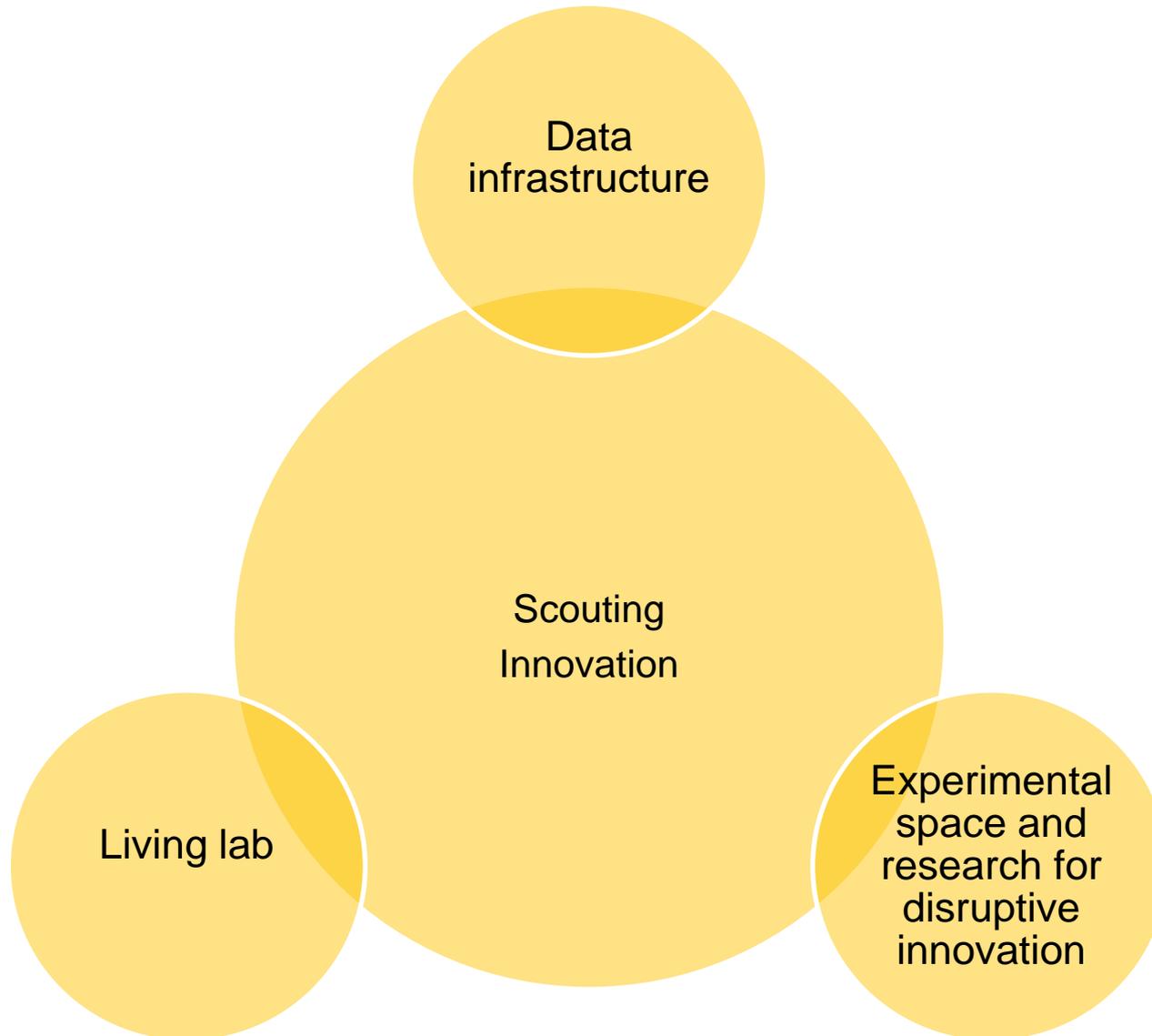
Quadruple helix

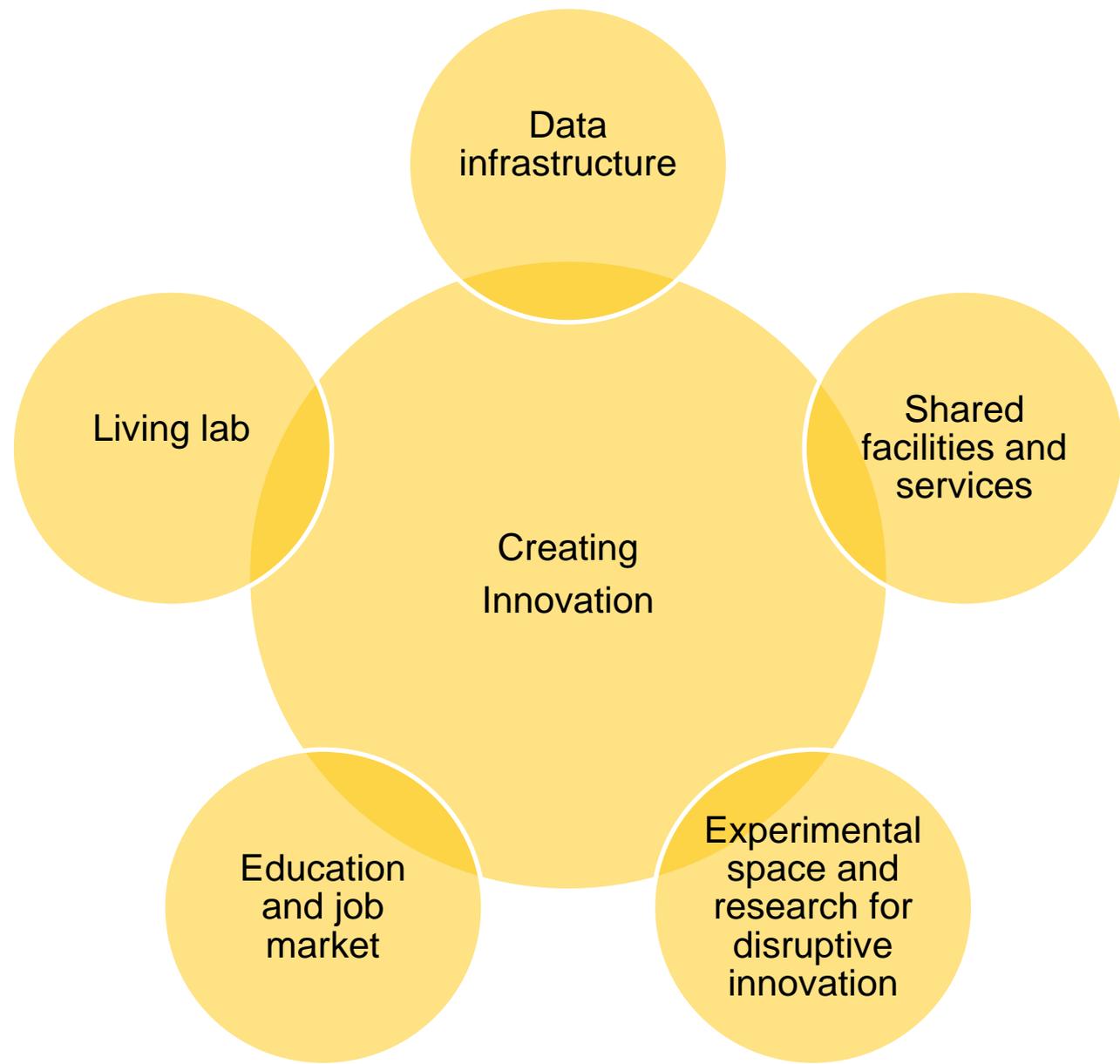
HELIUM Kickoff meeting Day 2

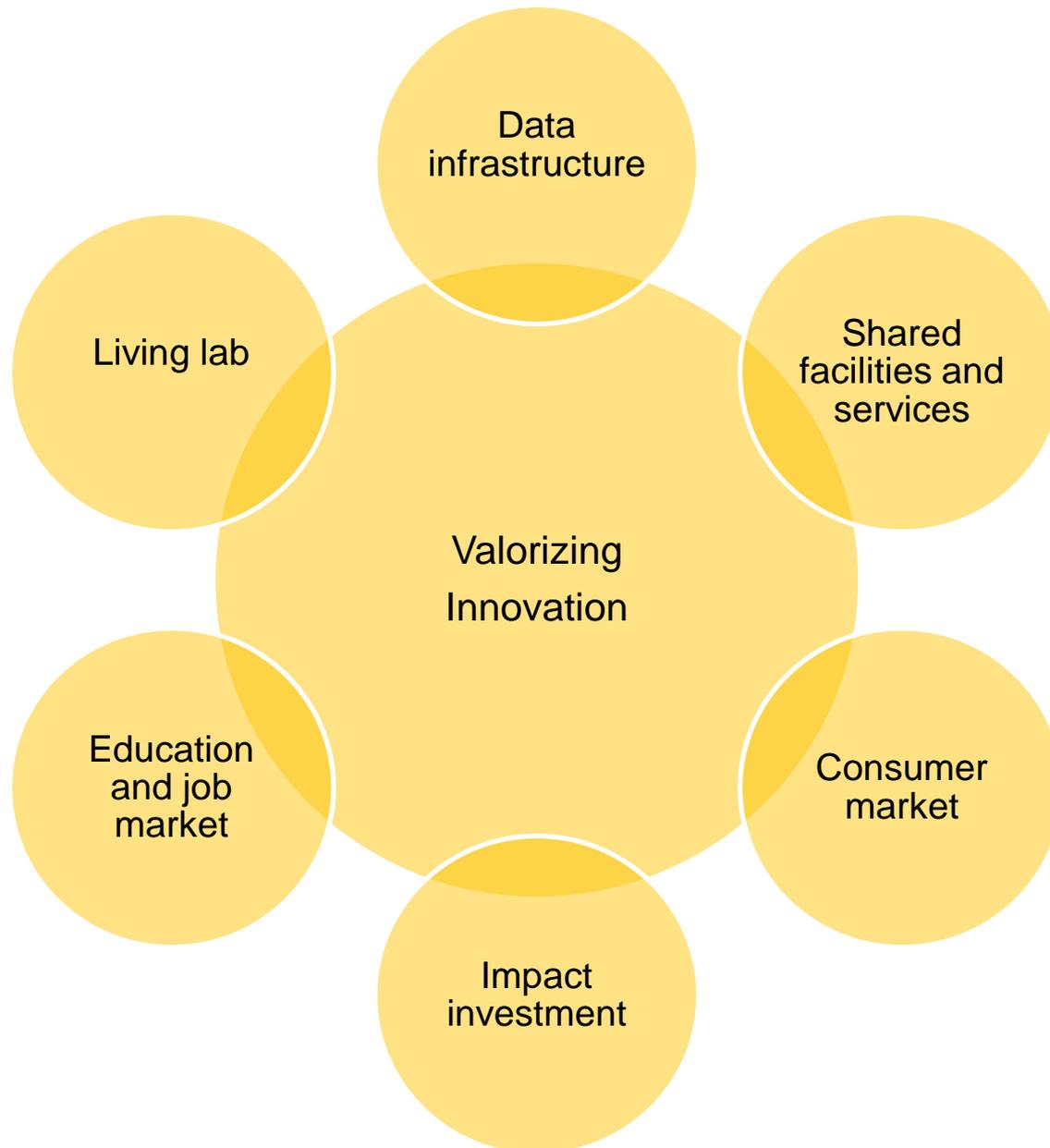
1. Opening and Welcome

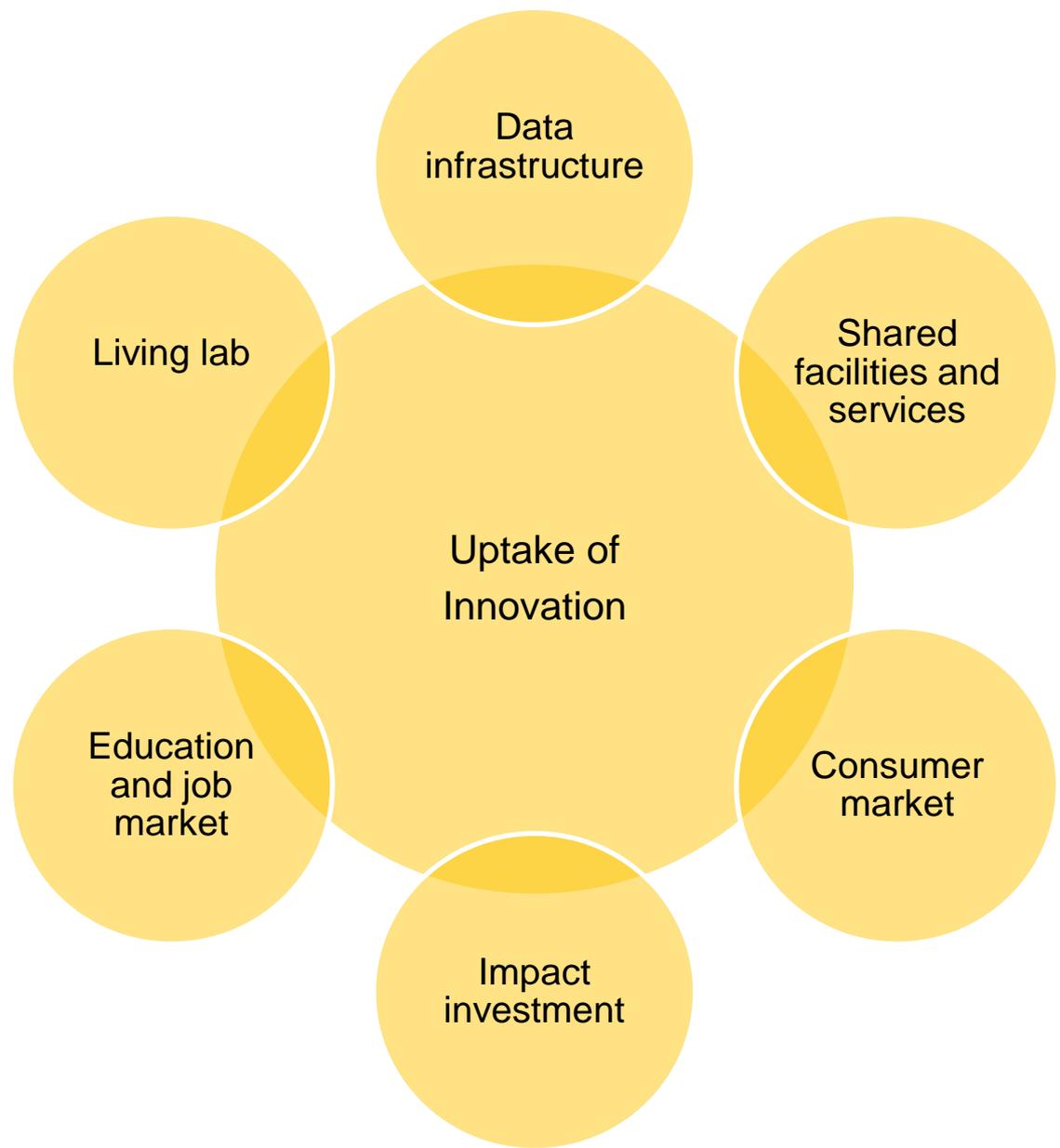












2. Detailed workplan per period

See approved project proposal.

3. Communication strategy

Main goal of communication is to **disseminate the knowledge** gained **through interregional learning**, and thereby strengthen the capacities of public authorities to address health innovation.

3. Communication strategy

Target groups

- **Primary**
 - Public authorities direct responsible for targeted policy instruments and policies dedicated to stimulating innovation
 - Policy makers in the field of health care
- **Secondary**
 - All stakeholders who play a role in formulating and implementing relevant policies
- **Intermediary role**
 - Can be played by EU level organisations and regional networks and associations in the field

3. Communication strategy

For the 2014-2020 period, projects financed by Interreg Europe are provided with the standard elements for branding their project: logo types and template suggestions.

Guidelines are intended to help projects (and those responsible for producing their branded material) use the logo and other elements correctly.

- Programme and project branding
- Project logo types
- Powerpoint template
- Project website

3. Communication strategy

What we need to do in the upcoming period?

- Creation of communication strategy
- Website updates
- Project brochure
- Newsletters (needs translation)
- Posters

- We will appoint communication manager who will be in the lead and get in touch with you.

4. Outputs and indicators

The key outputs of HELIUM are :

5 action plans addressing the selected policy instruments.

1 joint methodology for carrying out regional analyses and **5 regional baseline reports** will be produced.

Exchange of experience will be facilitated by **4 Task Forces**, which collect and process **40 GPs (2/TF/region)**.

6 interregional seminars will be organized.

Besides, each region hosts at least **6 joint RSG meetings** and **6 other meetings** with stakeholders (**60 stakeholder events** in total) to assess the adaptability of identified GPs.

Transfer of knowledge is facilitated through staff exchange of at least **7 persons (1 or 2 / region)** and **5 peer review groups** assisting the finalization of the action plans.

In Phase 2 additional **2 partner meetings** take place.

In total, **785 people** benefit from increased knowledge and professional capacity regarding how to address health innovation through policy instruments, from which **37** are directly involved in the project implementation, **198 persons** are addressed through interorganisational learning process, and further **550 persons** as stakeholders participating in RSGs.

In line with the CS, HELIUM is dedicated to create engagement, mobilize and charm a wide range of people through efficient communication actions, incl. **3 large scale dissemination events** and **300 appearances in media** facilitated through **3 press releases, 2 press conferences, 35 newsletters, 1 project video** and ongoing **webiste & social media updates**.

Outputs and Indicators

Result indicators	Target
No. of Growth & Jobs or ETC programmes addressed by the project where measures inspired by the project will be implemented 100% of policy instruments addressed with structural funds link	4
No. of other policy instruments addressed by the project where measures inspired by the project will be implemented 100% of policy instruments addressed without structural funds link	1
Estimated amount of Structural Funds (from Growth & Jobs and/ or ETC) influenced by the project (in EUR)	29750000
Estimated amount of other funds influenced (in EUR)	500000

Outputs and Indicators

Policies	Selfdefined performance indicator	Target
Policy 1	% of experimental facilities newly established or improved through the VlaanderenNederland programme in the health sector, which have reached an increased scale	50
Policy 2	Nr. of persons (representing all quadruple helix partners incl. local communities and individuals) involved in elaborating and testing measures of the implementation plan in a living lab environment	28000
Policy 3	% of companies involved in health related research collaboration which have gained access to open innovation facilities	40
Policy 4	% of research to business collaborations and innovation networks supported by GINOP in the fields of health & wellbeing which have established interregional level cooperation	20
Policy 5	% of enterprises supported in the health sector, which are able to introduce new to the market products	20

Outputs and Indicators

Output indicators	Target
No. of policy learning events organised	80
No. of good practices identified	40
No. of people with increased professional capacity due to their participation in interregional cooperation activities	355

5. Events and meetings

- **Online meetings:**
 - Organise telcos with the whole partnership?
 - Organise telcos with the Task Forces?
- **Next Consortium meeting**
 - Combine with Interregional Seminars
 - 2nd event
 - M7 (October 2016?) in Belgium
 - 3rd event
 - M14 (May 2017?) in Liverpool

A.O.B.

Lunch & Site Visit

After lunch we will have our first HELIUM site visit to Centrale24



But first:....

Bom appetite!
Enjoy your meal! Buen provecho!
Bon appétit!
Gudden Appetit! *Guten Appetit!*
Buon appetito!

Thank you very much
for your visit to
Eindhoven!

Have a safe travel and talk to you soon.

On behalf of Brainport Development,

Marcel de Pender

Joyce de Laat

Tim Daniels

Hans Pieterse