AESIS

NETWORK FOR
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE

Welcome to the international **AESIS** *course on*

Access to EU Research Funding for Universities of Applied Sciences

19-20 November, Spanish National Research Council, Brussels, Belgium

EARMA
EUROPEAN ASSOCIATION OF
RESEARCH MANAGERS AND ADMINISTRATORS

UASnet
universities of applied sciences network

UAS 4 EUROPE
UNIVERSITIES OF APPLIED SCIENCES
FOR EUROPE

DAY 1

#UASEU19
@AESISNET

WIFI: CSIC-BRUSELAS
PASSWORD: BRUSELAS123

OVERVIEW OF THE PROGRAMME

Day 1	**Word of welcome by AESIS**
	Danielle de Boer: Taking an active role within an EU research strategy
	Case Study introduction & forming groups
	Bruno van Koeckhoven: Positioning of UAS within the EU context
	Social programme: visit to the European Parliament
	Drinks and dinner (optional)
Day 2	Otto Bruun: Building towards consortium
	Future for Horizon Europe
	Otto Bruun & Anika Duut van Goor: Case Study exercise
	Presentations
	What's next for you?
	Closing of the course

Word of welcome

Anika Duut van Goor

Director of the AESIS Network

Taking an active role within an EU research strategy

Danielle de Boer

Director European Affairs and Innovation at Innofius BVBA

INNOFIUS

Horizon Europe funding

Increasing chances for Horizon Europe

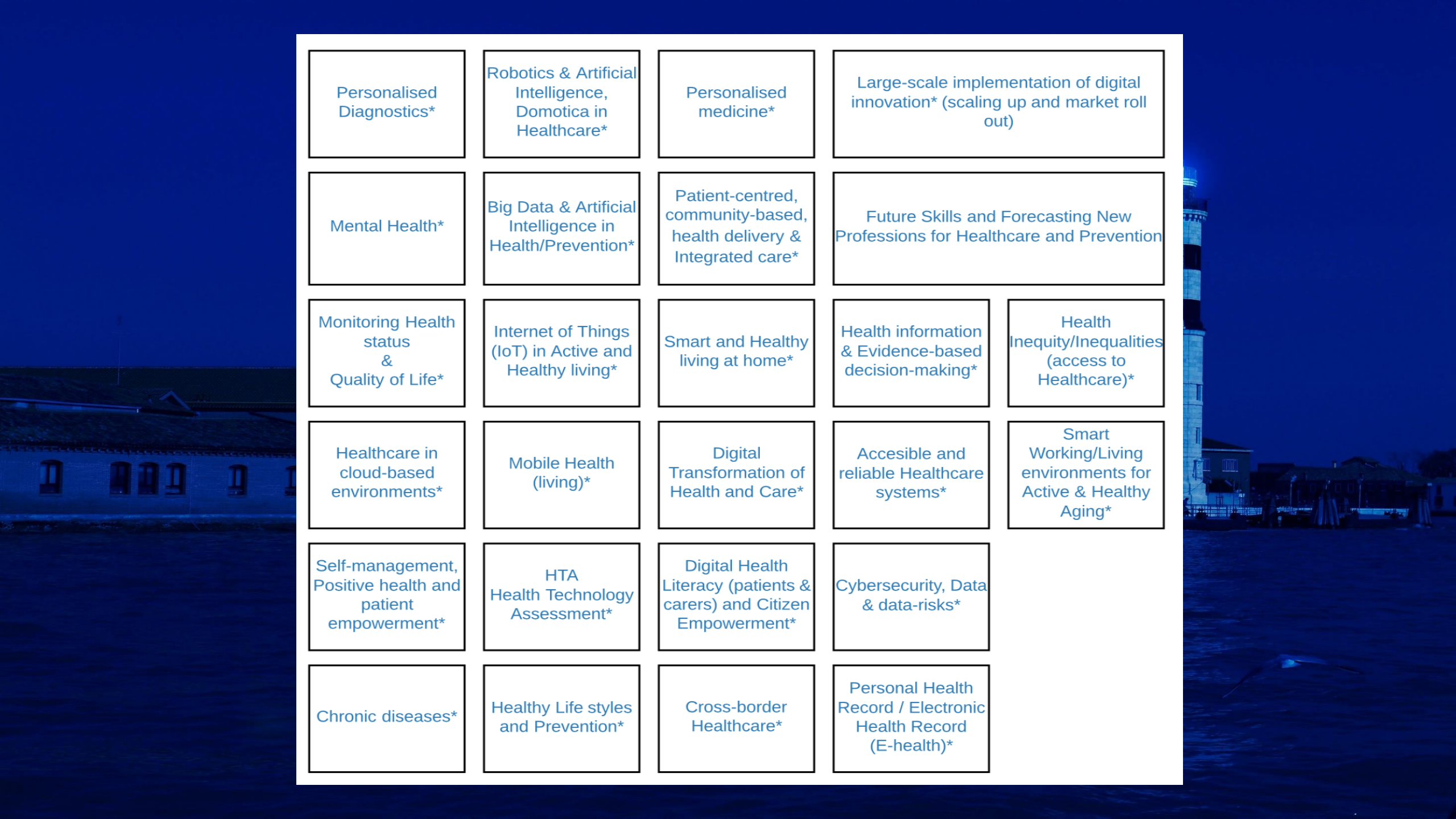
ACHTERGROND

- Daniëlle de Boer
- The Hague – Brussels
- Complex innovation
- Ecosystems
- EU Affairs
- BXL REP:
  - Sports and Physical Activity
  - Transport and Logistics
  - Health and Technology
  - Agriculture
  - UAS

EU-STRATEGIE & PUBLIC AFFAIRS PROCES

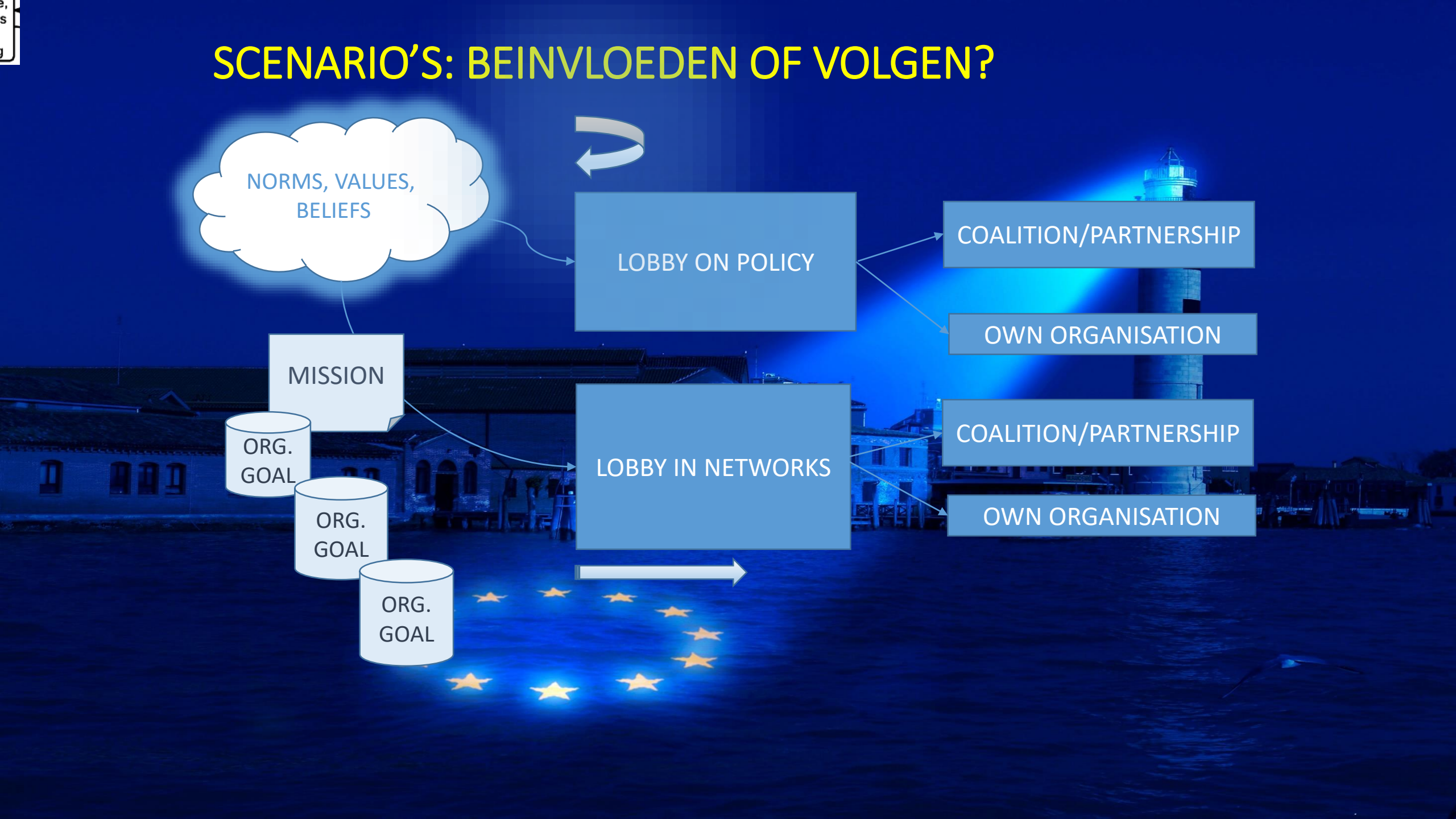
contributing to organization-goals

ZonMw



Personalised Diagnostics*	Robotics & Artificial Intelligence, Domotica in Healthcare*	Personalised medicine*	Large-scale implementation of digital innovation* (scaling up and market roll out)	
Mental Health*	Big Data & Artificial Intelligence in Health/Prevention*	Patient-centred, community-based, health delivery & Integrated care*	Future Skills and Forecasting New Professions for Healthcare and Prevention	
Monitoring Health status & Quality of Life*	Internet of Things (IoT) in Active and Healthy living*	Smart and Healthy living at home*	Health information & Evidence-based decision-making*	Health Inequity/Inequalities (access to Healthcare)*
Healthcare in cloud-based environments*	Mobile Health (living)*	Digital Transformation of Health and Care*	Accesible and reliable Healthcare systems*	Smart Working/Living environments for Active & Healthy Aging*
Self-management, Positive health and patient empowerment*	HTA Health Technology Assessment*	Digital Health Literacy (patients & carers) and Citizen Empowerment*	Cybersecurity, Data & data-risks*	
Chronic diseases*	Healthy Life styles and Prevention*	Cross-border Healthcare*	Personal Health Record / Electronic Health Record (E-health)*	

SCENARIO'S: BEINVLOEDEN OF VOLGEN?



LOBBY SCENARIOS

INFLUENCING POLICY

EXISTING TOPICS

EU-OFFICIALS & STAKEHOLDERS SCENARIO *'INFLUENCE ONE ON ONE'*

COALITIONS SCENARIO *'INFLUENCE AS ONE'*

CALLS FOR PROPOSALS IN PROGRAMMA'S SCENARIO *'CHOOSE WISELY'*

CALLS IN NETWERKEN SCENARIO *'PARTICIPATE TO WIN'*

CLASSIC LOBBY

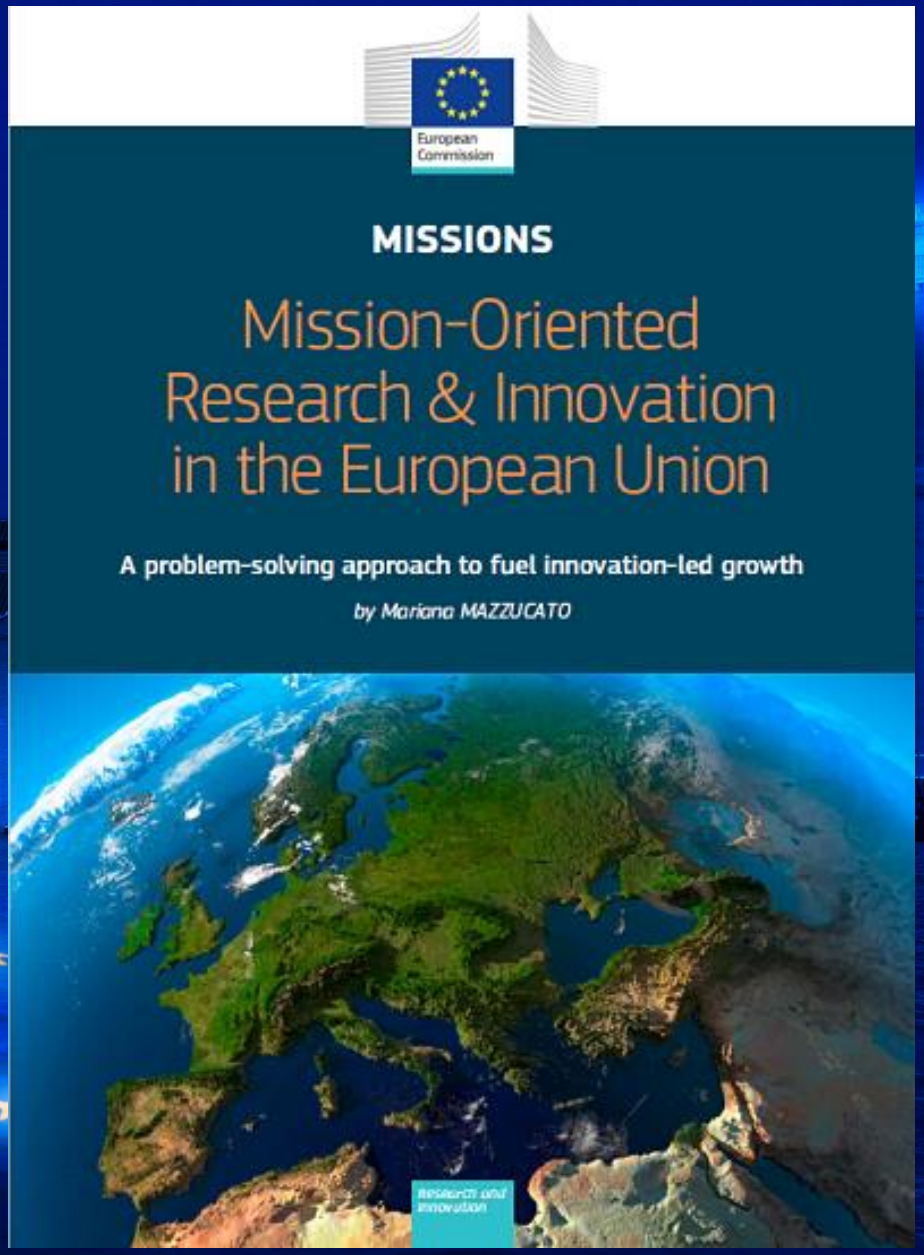
- AGENDA-SETTING & POSITIONING
- ACTIVE MONITORING LAWS AND REGULATIONS
- EXPERT IN STAKEHOLDER CONSULTATIONS
- LOBBY-ING FOR NEW INITIATIVES

LOBBY ON CONSORTIA / CHANCES

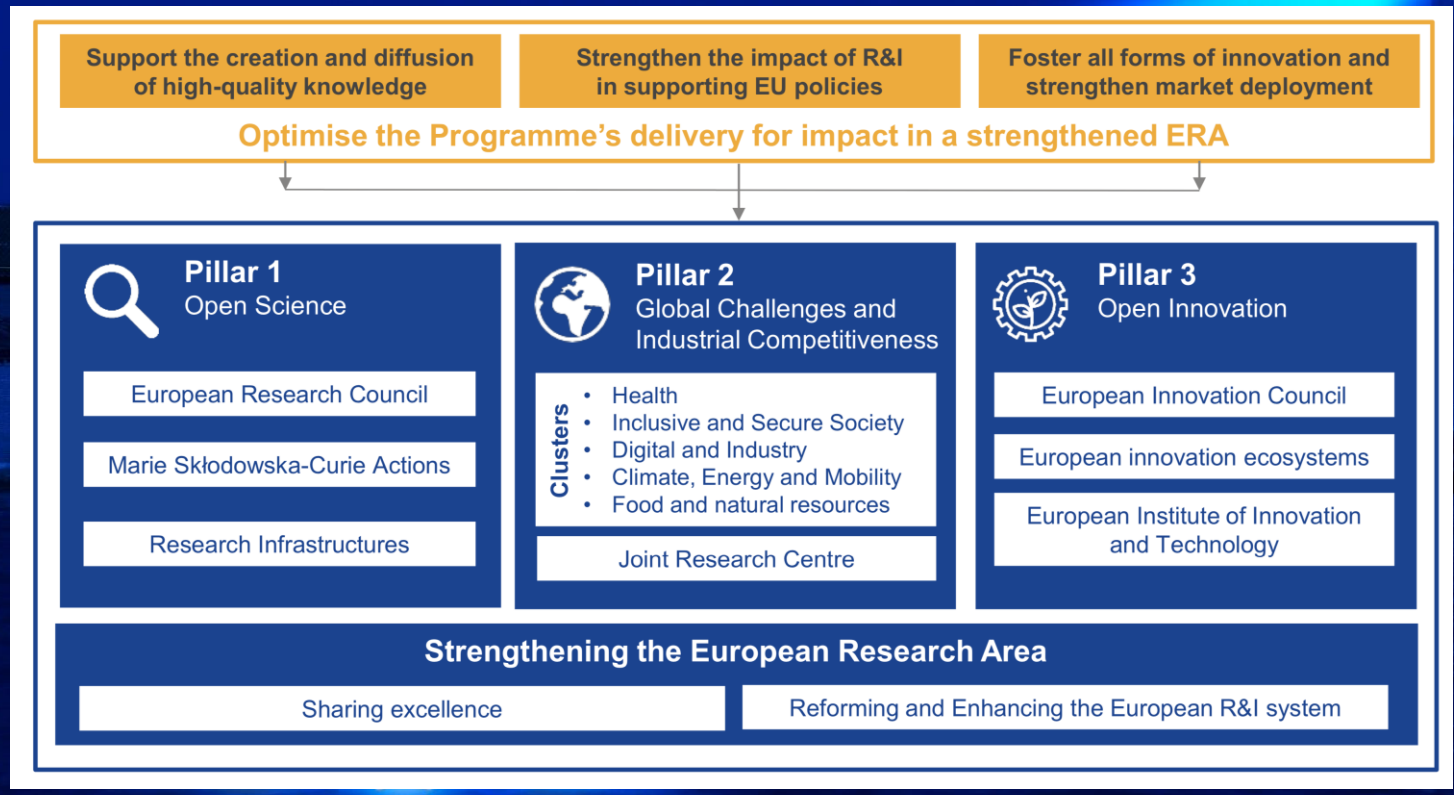
- ACTIVE AND PASSIVE MONITORING
- BROKERAGE IN CONSORTIA

EU-STRATEGY & HORIZON EUROPE

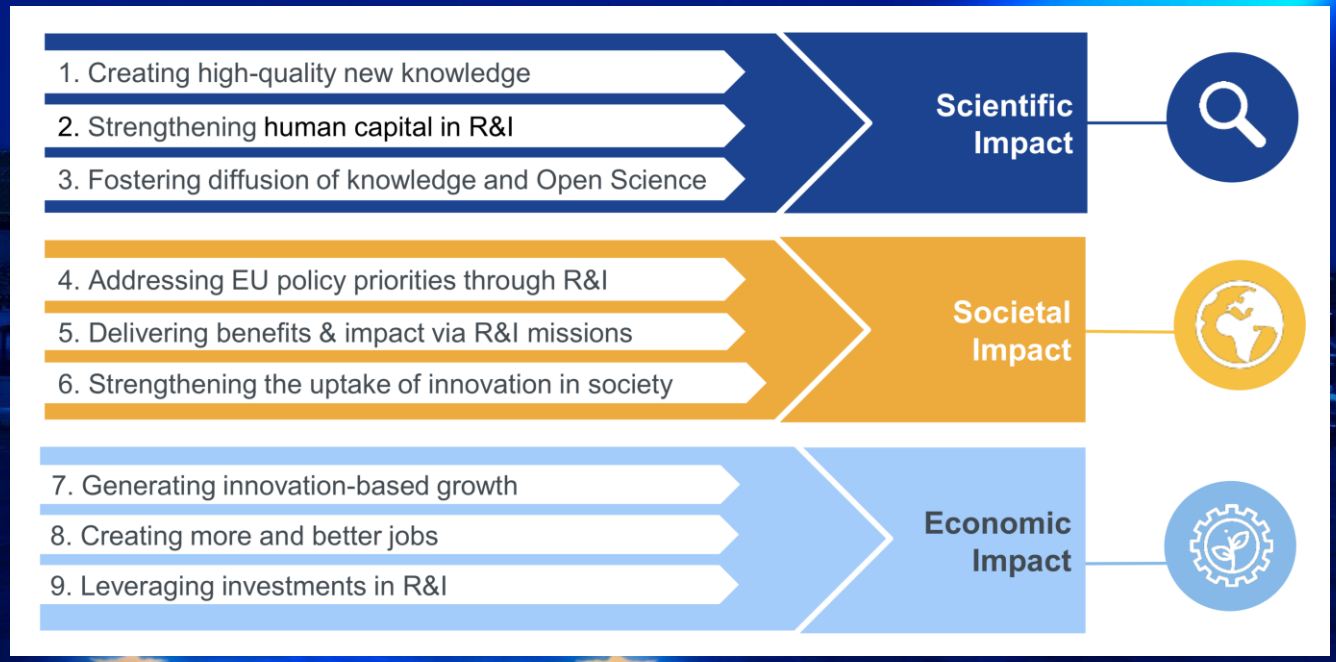
Europe's citizens are **healthy, prosperous** and, above all, **happy**, in an **equitable world** characterised by **sustainable development.**



HORIZON EUROPE



HORIZON EUROPE



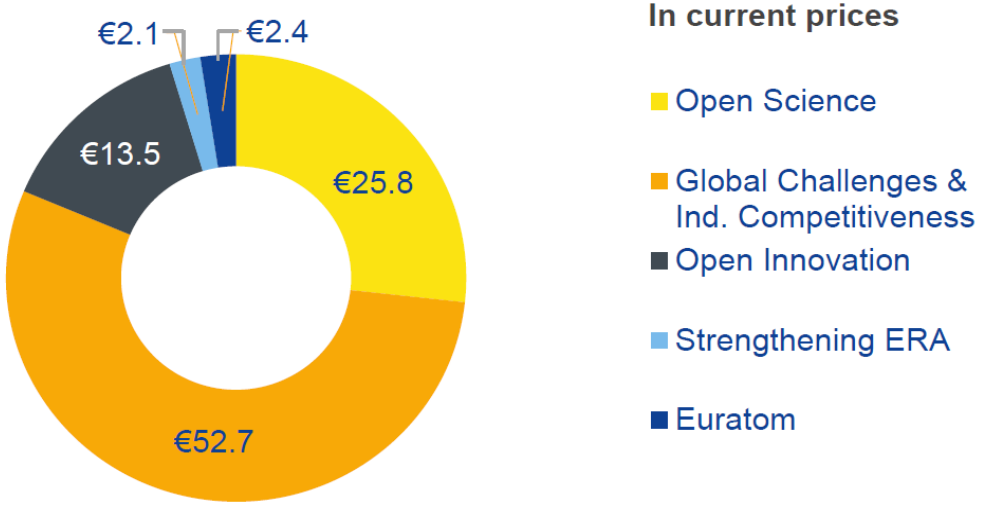
HORIZON EUROPE

WHAT'S NEW?

Support breakthrough innovation	European Innovation Council
Create more impact through mission-orientation and citizens' involvement	EU-wide R&I missions
Reinforce openness	Open science policy
Rationalise the funding landscape	New approach to Partnerships
Reduce administrative burden	Simpler rules

BUDGET HORIZON EUROPE

Budget: €100 billion* (2021-2027)



* This envelope includes EUR 3.5 billion allocated under the InvestEU Fund.

v. 25 June 2018

European Commission

SDG'S HORIZON EUROPE

PARTNERSHIPS HORIZON EUROPE

Partnership approaches	Public-public partnership (P2P)	Public-pivate partnership (PPP)	EIT-KICs*	FET Flagships**
Implementation modes	ERA-NET-Cofund, EJP Cofund Article 185, Joint Programming Initiative (JPI)	Contractual Arrangement (cPPP) Article 187)	H2020 Grant agreements for different types of actions Framework Partnership Agreements (FPA)	
Currently active R&I Partnership (Horizon 2020)	a) ERA-NETs: ~70 b) EJP Cofund: 5 c) Article 185: 6 d) JPIs: 10	a) JUs: 7(+HPC) b) cPPP: 10	a) KICs: 6	a) FET-Flagships: 2 (+Quantum)
Financial contribution from H2020, (estimated)	**2500 MC** (3,1% of H2020 budget)	**13 450 MC** (17,5% of H2020 budget)	**2400 MC** (3,1% of H2020 budget)	**1000 MC** (1,3% of H2020 budget)

***EIT-KICs**: Knowledge and innovation Communities (KICs) of the European Institute for Innovation and Technology

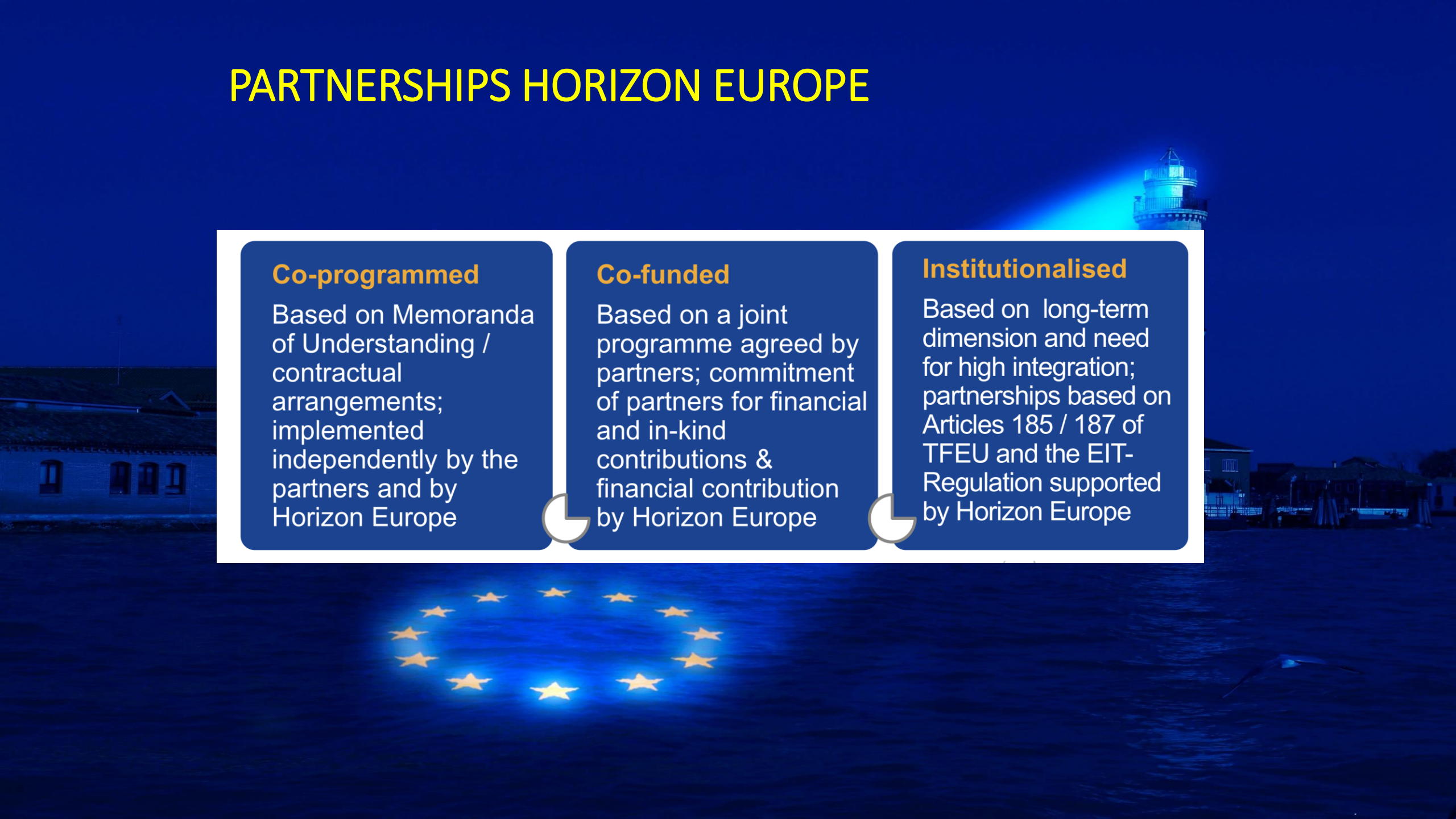
****FET-Flagships**: Flagships of the Future and Emerging Technologies progamme (FET)

PARTNERSHIPS HORIZON EUROPE

Table 15: European Partnerships – a simplified implementation for more impact

Issue	Co-programmed European Partnerships	Co-funded European Partnerships	Institutionalised European Partnerships
Objective	To **encourage** public and private stakeholders to co-programme, co-invest and coordinate their R&I priorities together with the Commission	To **provide EU support to a joint programme** of public and/or private stakeholders to tackle EU strategic priorities through R&I	To **commit** in the long-term for shared investments in R&I with public and private stakeholders in key strategic areas with international visibility and impact

PARTNERSHIPS HORIZON EUROPE



Co-programmed

Based on Memoranda of Understanding / contractual arrangements; implemented independently by the partners and by Horizon Europe

Co-funded

Based on a joint programme agreed by partners; commitment of partners for financial and in-kind contributions & financial contribution by Horizon Europe

Institutionalised

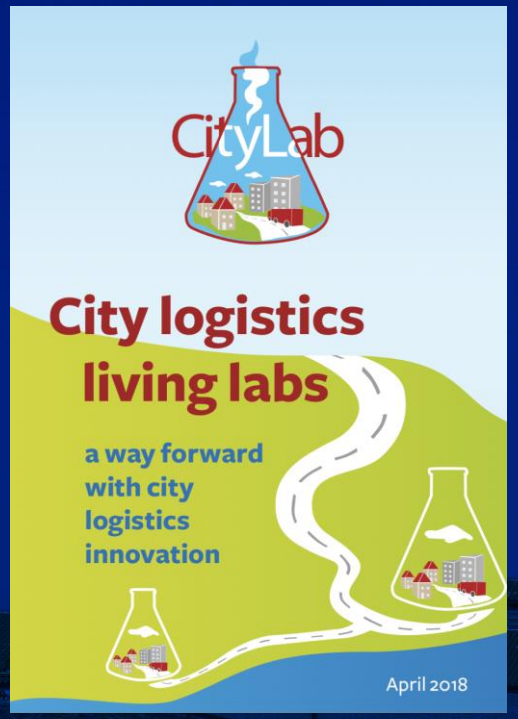
Based on long-term dimension and need for high integration; partnerships based on Articles 185 / 187 of TFEU and the EIT-Regulation supported by Horizon Europe

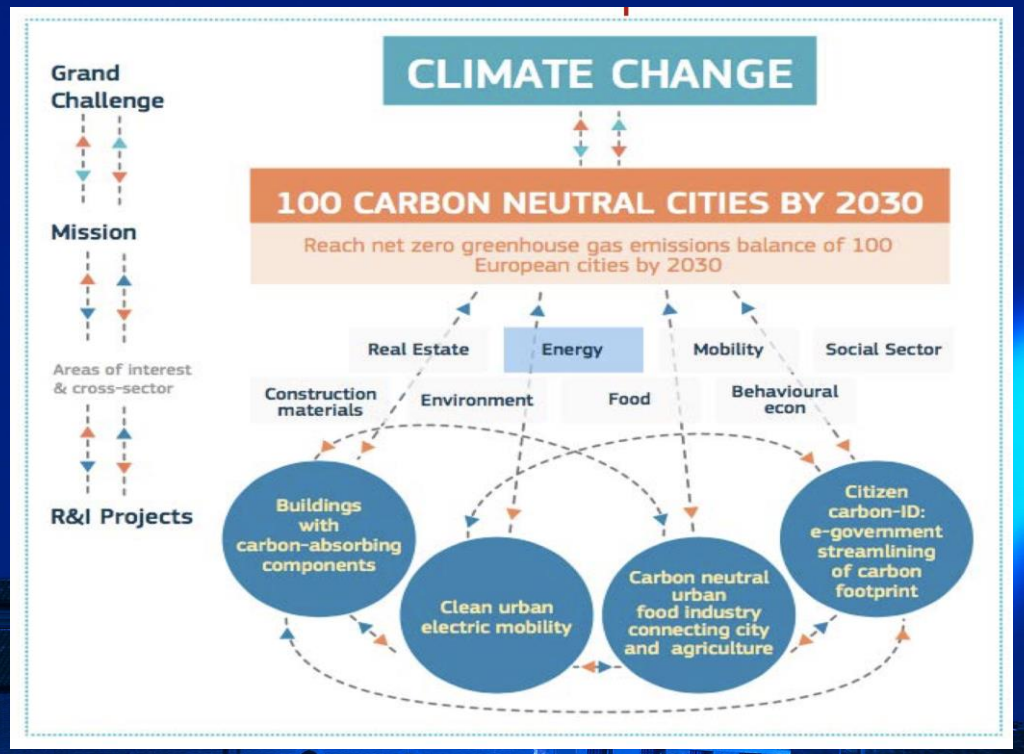
PARTNERSHIPS HORIZON EUROPE

Issue	Co-programmed European Partnerships	Co-funded European Partnerships	Institutionalised European Partnerships
Objective	**To encourage** public and private stakeholders to co-programme, co-invest and coordinate their R&I priorities together with the Commission	To **provide EU support to a joint programme** of public and/or private stakeholders to tackle EU strategic priorities through R&I	To **commit** in the long-term for shared investments in R&I with public and private stakeholders in key strategic areas with international visibility and impact
Changes compared to schemes existing under Horizon 2020	Replaces cPPPs	Replaces ERA-NETs, EJPs, FET Flagships	Art 185 of the Treaty on the Functioning of the European Union (TFEU): institutionalised public-public partnerships Art 187 TFEU: institutionalised public-private partnerships

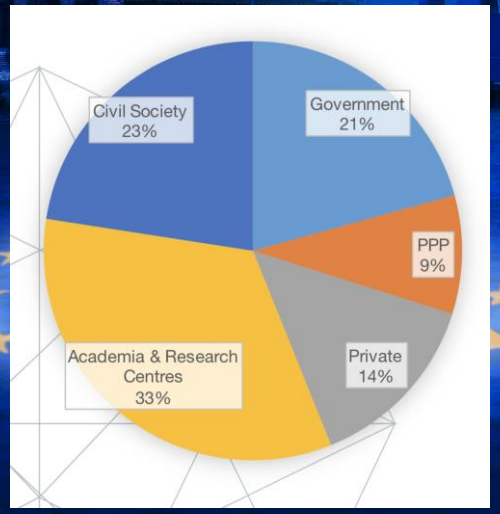
HORIZON EUROPE & LOBBY

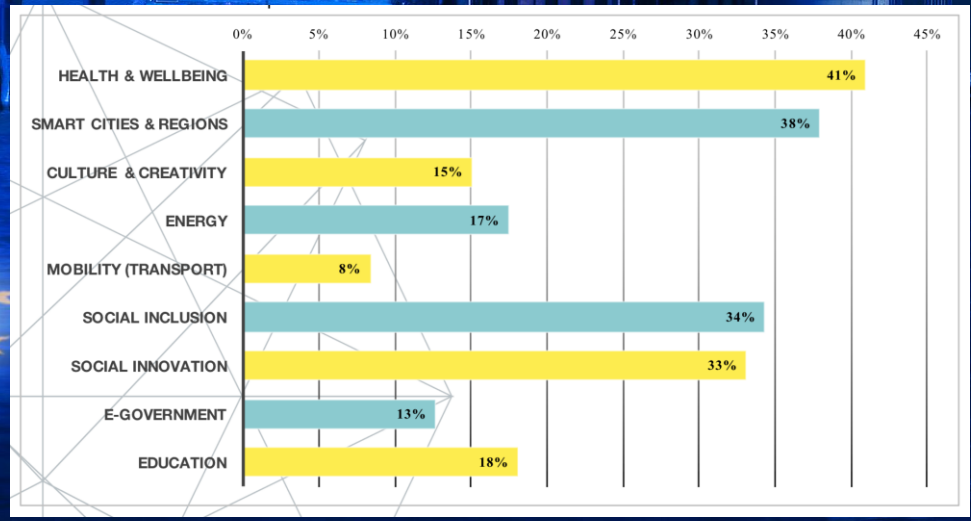
- Lobby
- Q1 – Q3 framework programs
- Dedicated implementation strategy
  - +Organisation of calls
  - +Evaluation
  - +Grant agreements
  - +Project management


CityLab
City logistics living labs
a way forward with city logistics innovation
April 2018

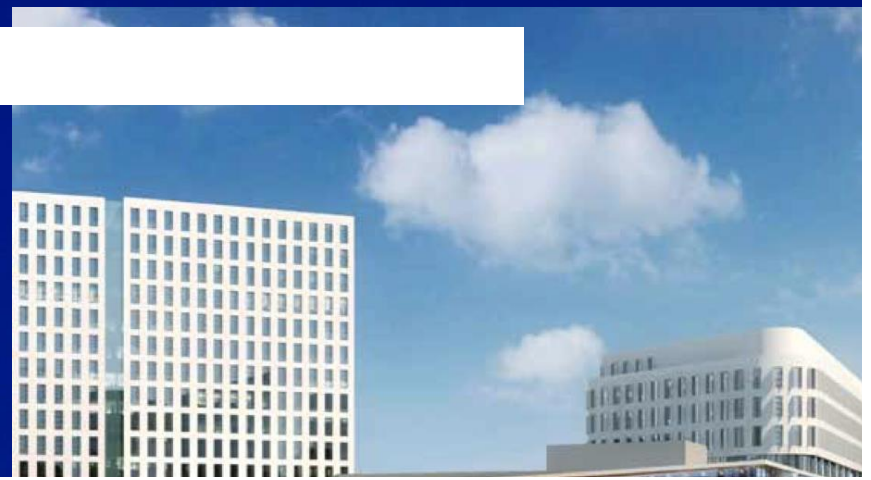

Grand Challenge
CLIMATE CHANGE
Mission
100 CARBON NEUTRAL CITIES BY 2030
Reach net zero greenhouse gas emissions balance of 100 European cities by 2030
Areas of interest & cross-sector
Real Estate
Energy
Mobility
Social Sector
Construction materials
Environment
Food
Behavioural econ
R&I Projects
Buildings with carbon-absorbing components
Clean urban electric mobility
Carbon neutral urban food industry connecting city and agriculture
Citizen carbon-ID: e-government streamlining of carbon footprint

Active User Involvement
Co-Creation
Multi-Stakeholder Participation
Orchestration
Real-Life Setting
Multi-Method Approach


Civil Society 23%
Government 21%
PPP 9%
Academia & Research Centres 33%
Private 14%


0%
5%
10%
15%
20%
25%
30%
35%
40%
45%
HEALTH & WELLBEING
41%
SMART CITIES & REGIONS
38%
CULTURE & CREATIVITY
15%
ENERGY
17%
MOBILITY (TRANSPORT)
8%
SOCIAL INCLUSION
34%
SOCIAL INNOVATION
33%
E-GOVERNMENT
13%
EDUCATION
18%

COMPLEX PROBLEMS: multi-stakeholder, cross-sectoral & impact



Mobility
Infra
Logistics
Circularity
Job creation

VALUE CREATION FOR STAKEHOLDERS AND SHAREHOLDERS

A SYSTEMIC APPROACH TOWARDS EFFICIENCY, RESILIENCE AND GROWTH

OPERATIONAL EXCELLENCE	CARBON NEUTRALITY IN THE LONG TERM	PROMOTION OF LOCAL DEVELOPMENT
Low cash neutrality	Energy mix	
Low time to market	Circular economy	
High value reserves	Carbon offset	Dual flag approach
		Production for domestic market Access to electricity Economic diversification Access to water and hygiene Health and education
		Public-private partnerships
		Job creation
		Know-how and expertise transfer

TECHNOLOGICAL INNOVATION & DIGITALIZATION

e 4 —
ving lab test environment

CONCRETE EXAMPLES

- NETWERK EXAMPLE: NMS Sustainable Urban Freight
- LOBBY EXAMPLE: Wearables and Education
- H2020 EXAMPLE: Mental Health in the Workplace
- HORIZON EUROPE: Cross-sectoral and the region

LOBBY

Stakeholder meeting Opinion on the Digital Education Action Plan (COM (2018) 22 final)
European Committee of the Regions, Rue Belliard 99-101, room JDE53, B-1040 Brussels

In linear order of the COM-text, Limburgs opinion and feedback on COM 2018 22 final.

COM text page number	***COM 2018 text***	***Opinion Province of Limburg and its stakeholders***	***Suggestion for improvements***
Page 2	"Some jobs will disappear, others will be replaced, new jobs will be created, many jobs and industries will be transformed, and new activities will emerge. This makes investing in one's digital skills throughout life of the utmost importance."	The focus here lies on 'more general digital skills' needed in education (i.e. for learners and educators). However, **'work-sector driven digital innovation knowledge' should not be forgotten.** Many teachers/lecturers are insufficiently up to date, what is playing in the digital transformation of the own work field. This especially holds for educational programs in (pre-)vocational and applied higher education. Many teachers/lecturers have not been working -as a professional - in their own sector for years. They cannot explain or operate these digital work-related innovations to demonstrate future work to pupils/students. Considering the speed of development of these digital work-related innovations, the risk of lagging behind relatively high. This should be monitored closely by European Commission (Cedefop or EC's High Ed agencies). Interventions are highly needed to ensure society's deliverance of future proof professionals.	***Integrate 'work-sector driven digital innovation knowledge.***
Page 2	"Vulnerable groups are	Please specify vulnerable groups. Too marginally defined here.	***Interconnect 'social inclusion policy aims' with Digital Education***

SMART WEARABLES FOR REGIONAL IMPACT

Fontys Expertise-centre for Health and Technology and its regional partners[1]

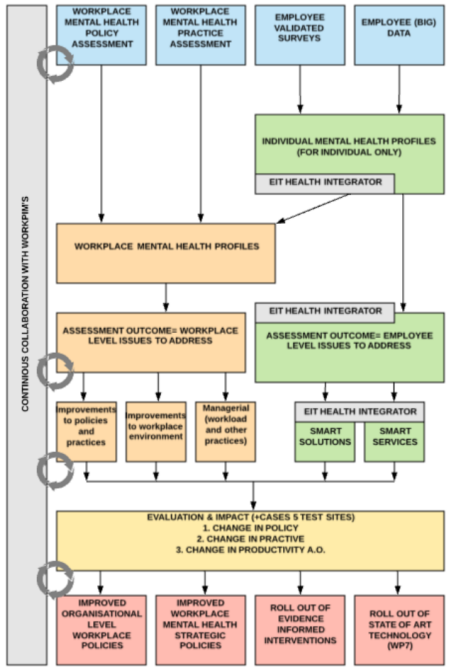
The Netherlands, Brainport Region, Eindhoven.

As wearable technology is taking its flight and its use becomes more and more affordable, benefits for patients and healthcare professions become more evident. This provides an opportunity to increase its impact, preferably in the **region** where real-world problems and solutions arise through **social innovation in healthcare eco-systems**. Wearables now contribute to: 1. Providing the opportunity to gather longitudinal (Big) data on patients and healthcare practices and services. 2. Increasing autonomy of the patient and improving customised healthcare practice.

[1] Fontys EGT is a regional alliance between research centres, hospitals, insurance companies, SME's, facility management organisations, institutional care (nursing homes), home care, rehabilitation centres, mental health care organisations and schools for vocational education.

H2020

Figure 1: Integrated approach of BEAM@WORK



BEAM@WORK: BEtter Action for Mental Health: *Improving WORKplace Policies Practices and Interventions*

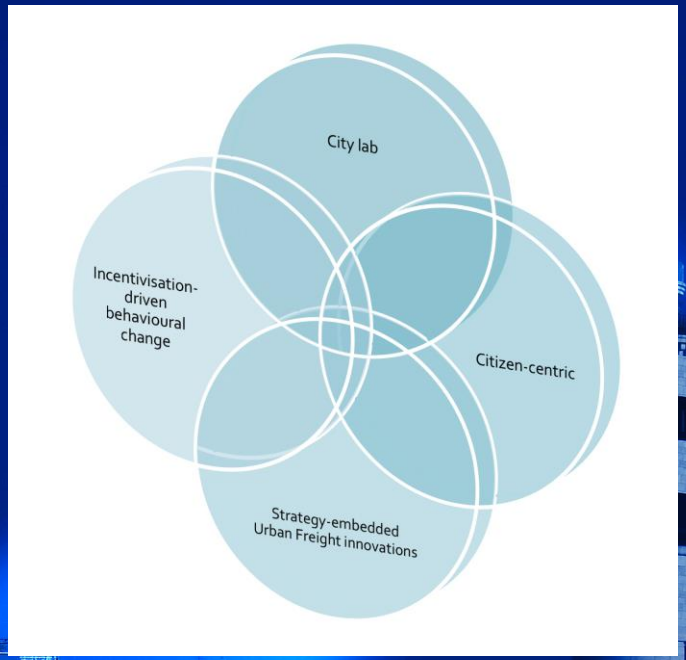
1. Excellence

High and increasing levels[1] of work-related stress, anxiety and depression harm people's health and well-being. Prolonged work-related stress can lead to physical and psychological damage, including anxiety and depression[2],[3] and can aggravate health issues[4]. Stress, anxiety and depression are a major cause of employee drop out from the labour market and lead to substantial financial costs for employers, employees and society. The global cost of depression and anxiety - through direct health costs and lost productivity - is over €450 billion per year[5]. Evidence is also growing about the effectiveness and value of workplace policies and interventions to prevent and ameliorate mental health problems amongst the workforce[6]. Thus, there is a strong need and opportunity to ensure that findings from research and practice are embedded into effective policies, integrated programmes and services addressing mental health in the workplace.

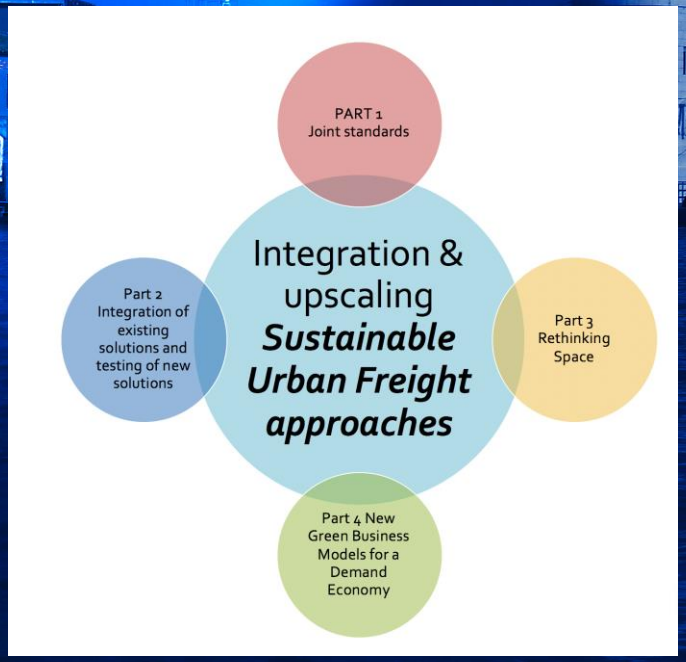
Focusing on how best to identify, prevent and tackle stress, anxiety and early-stage depression, BEAM@WORK will build on best available evidence to develop, pilot, assess and roll out effective workplace mental health policies and scale up evidence-based, interdisciplinary interventions - that organisations can use to ensure good mental health in the workplace. To make an impact at workforce population level, BEAM@WORK will adopt a workplace settings approach focusing on large (public and private sector) and SME workplaces and their employees, within 5 European Test Sites (ETS),[7] in 3 sectors that are most at risk of drop out due to mental health issues - health, education and manufacturing.

For employees to have the best chance of enhancing their mental health and not dropping out prematurely from the labour market, it is vital that workplace environments support healthier and happier work. Key to BEAM@WORK's approach will be to engage employers and employees in a meaningful and informed dialogue about mental health issues – whilst being sensitive to data privacy,[8] confidentiality[9] and stigmatisation issues[10], as well as discrimination or even abuse. At organisational level, whilst acknowledging that promoting cultural change in organisations, to support "mental health agendas", is challenging,[11], this will involve **assessing and enhancing workplace mental health policies and practices.** In parallel, BEAM@WORK aims to empower employees with the right tools, mind-set and support that can prevent and improve mental health through self-care and behavioural change - including taking into account co-morbidity aspects and how physical activity and healthy eating can strengthen the brain to prevent mental health issues and improve cognitive function. It will do so by combining existing good practice in promotion and prevention with **development of the KIC Health EIT Health Integrator** - an integrated solution that will provide a comprehensive overview of a workplace's health status, support employees to improve their mental health, embody health analysis to clarify current costs and displays for employers, the value of pro-active investment in mental health solutions and services.

NMS URBAN FREIGHT



- **Novelog, SUMP Methodology:**
  Athens, Barcelona, Copenhagen, Emilia Romagna, Gothenburg, Graz, London, Mechelen, Pisa, Rome, Turin, Venice
- **SUCCESS, Consolidation Centres for Construction:**
  Borgo Trento/Borgo Rome (IT), Valencia (ES), Paris (FR) and Neudorf (LUX)
- **Citylab (Living Labs):**
  Reducing emissions: Rotterdam, Paris, Southampton
  - Service improvement: Amsterdam, Rome, Oslo, London
  - Parcels, city cargo: (G-newt) London
  - MSP's: Southampton
  - Cargo-bikes (in co-design): Amsterdam
  - Iterative cycles of re-development: Rome, Amsterdam
- **Plus: local solutions**

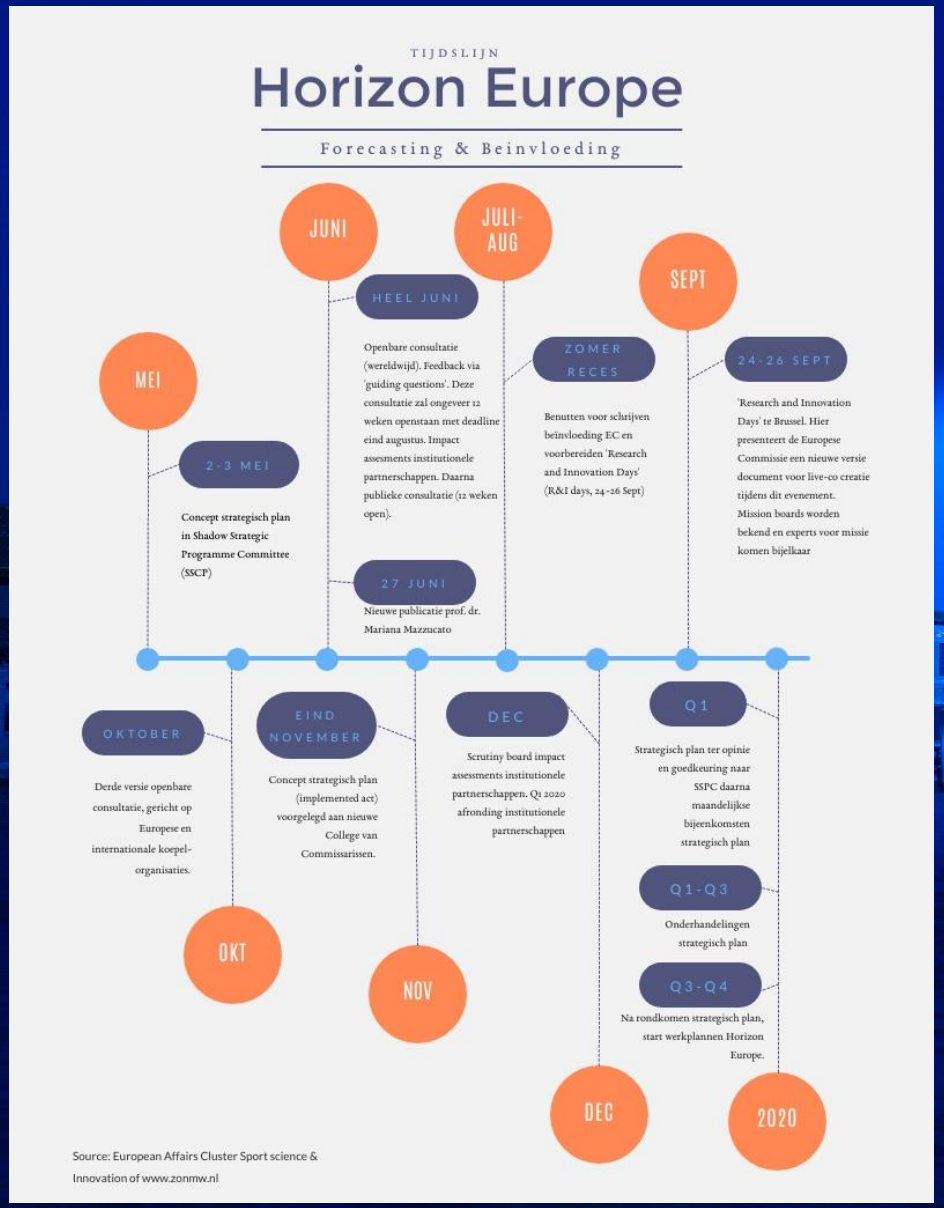


Gains and Rewards

Follow-up/First steps?

- Monitor Horizon Europe
  - Workprogram Q1-Q3
  - Final work programs
  - Partnership developments
  - Mission boards
- Professionalize staff
- Build networks, cross sectorally
- Operationalise SDG's
- Think differently about Impact and Implementation

Plan!



Danielle de Boer

danielle@innofius.com

INNOFIUS

Coffee/tea break

We will start again at 11.15

Interactive debate

Case Study introduction

Case study introduction

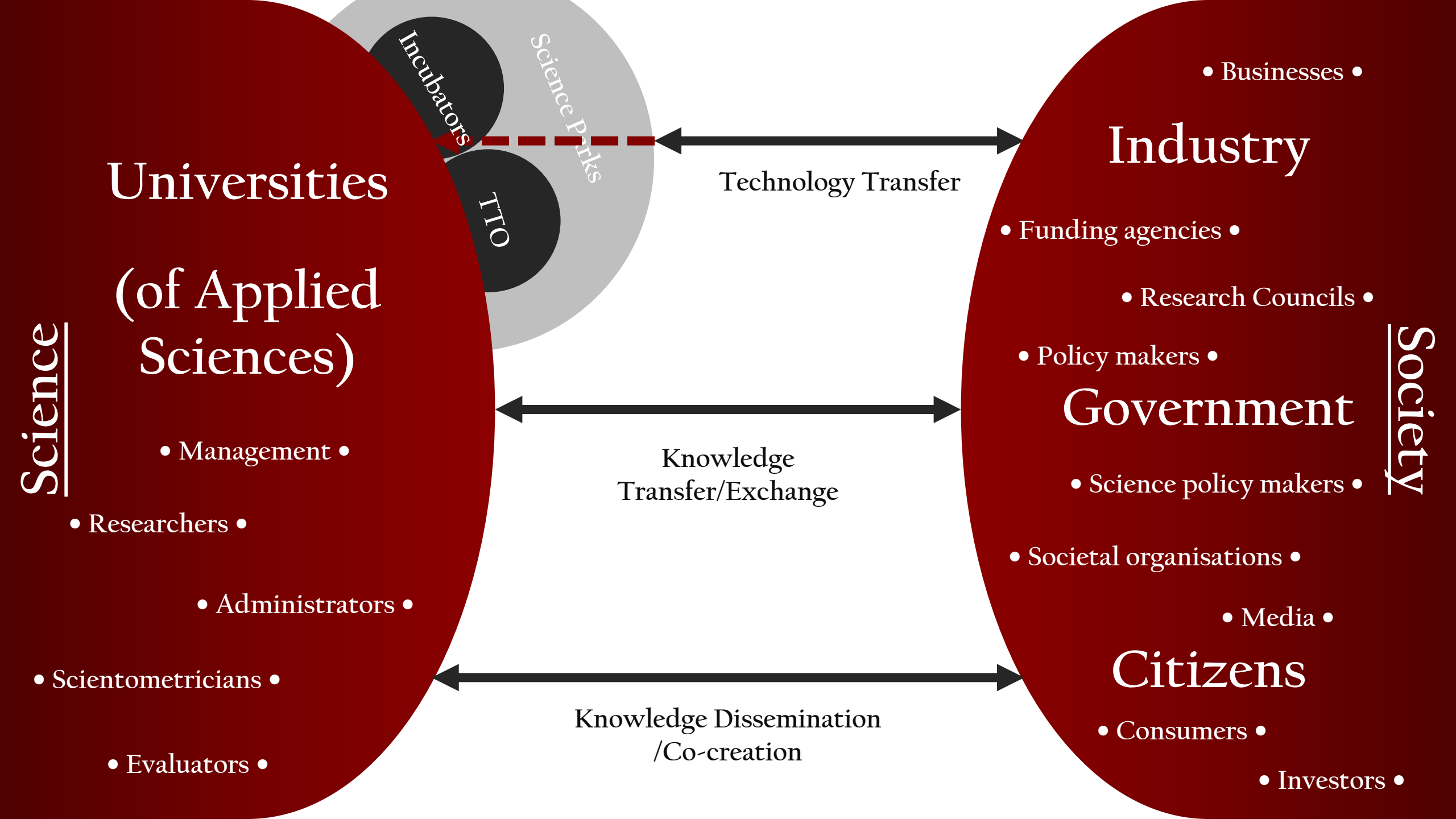
Strategy proposal for consortium with the purpose of

- ✓ Research excellence
- ✓ Aiding societal needs
- ✓ Effectively demonstrating societal impact
- ✓ Strengthening institution('s/s') position
- ✓ Attracting (EU) funding

Case study introduction

Keeping in mind

- ✓ The Research eco-system
- ✓ Inputs, processes, and outcomes
- ✓ Available knowledge and resources
- ✓ Regional, national, international players
- ✓ Regional, national, international opportunities


Incubators
Science Parks
TTO
Universities
(of Applied Sciences)
Science
• Management •
• Researchers •
• Administrators •
• Scientometricians •
• Evaluators •
Technology Transfer
Knowledge Transfer/Exchange
Knowledge Dissemination /Co-creation
• Businesses •
Industry
• Funding agencies •
• Research Councils •
• Policy makers •
Government
• Science policy makers •
• Societal organisations •
• Media •
Citizens
• Consumers •
• Investors •
Society

Case study introduction

When will it work?

- ✓ Tackeling smart, sustainable and inclusive growth (EU)
- ✓ Sustainable development goals (EU)
- ✓ Acknowledging "Potential elements to consider"
- ✓ Feasible, original, effective
- ✓ Prioritise!

nding for
l Sciences
mber 2019

VC RESEA

NDUSTRY

MAYO

EAN

CITIZ

OR CIVIL

EU FUN

RVANT

REVIEW

AESIS

JASEU19

Lunch break

We will start again at 13.15

Positioning of Universities of Applied Sciences within the EU context

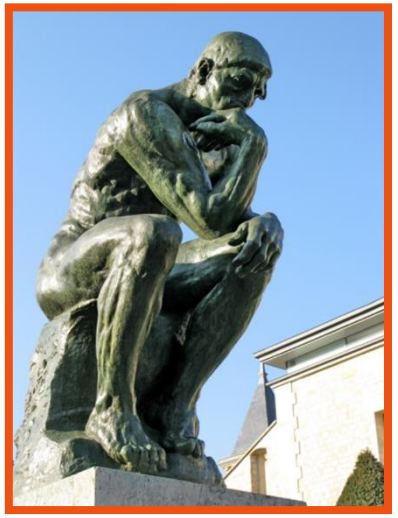
Bruno van Koeckhoven

Secretary General of the Universities of Applied Sciences Network (UASnet)

UASnet

universities of applied sciences network

Bruno Van Koeckhoven
Secretary-General of UASnet
bruno@uasnet.eu
+32.497.17.90.50



Universities of Applied Sciences? UAS?

Fachhochschüle

Hogescholen

Écoles supérieures et d'arts

Erhvervsakademi

Institutos Superiores Politécnicos

Institutes of Technology

Scuole Universitarie Professionale

Yrkeshögskolor

Hochschule für angewandte Wissenschaften

University Colleges

Ammattikorkeakoulut

Hautes Écoles Spécialisées

Rakenduskõrgkool

Kolegija

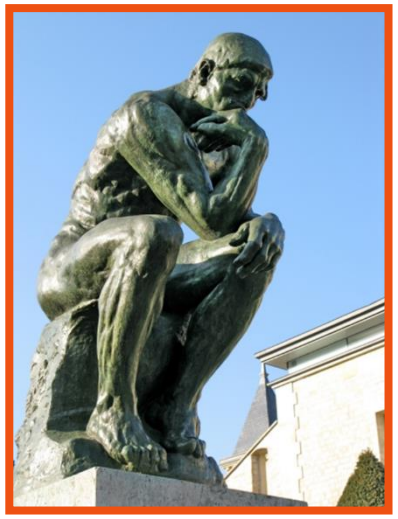
Technische Hochschule

Instituti Superiori Politécnici

Høyskoler

Veleučilišta

Universities of Applied Sciences & Arts



Universities of Applied Sciences? UAS?

How to create visibility?

Who are we?

How to explain the difference with other research actors?

How do we explain our research and innovation actions?

Applied Research by UAS?

Praxis

Applied Research =
practice based research

A quick return on investment

Impact

1) Focus on practical solutions
2) User-oriented and collaborative research
3) Scientific and methodical research
4) Multdisciplinary research
5) Regional connectors with SME's, public institutions, NGO's …

Involvement of students
= interns in research projects

Regional connectors

Solving the Innovation Paradox

Founded in 2011

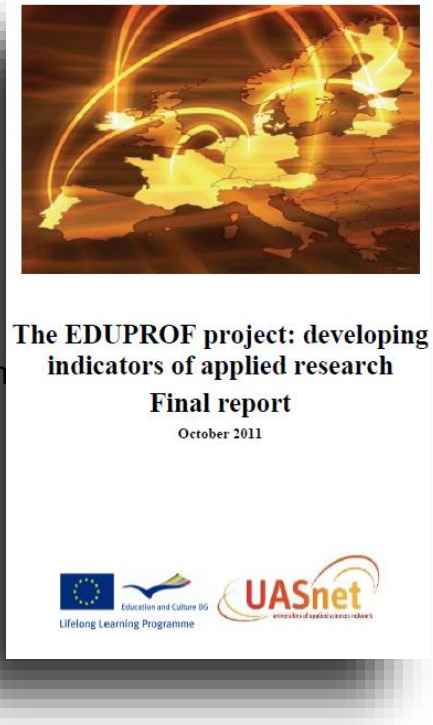
Mission & Strategy

1. Ensuring visibility of Universities of Applied Sciences
2. Ensuring visibility of their applied research activities
3. Providing matchmaking possibilities for European researchers
4. Offering information on European research programmes
5. Stimulating UAS to participate in European programmes

Goals

1. As a spokesperson to lobby with EU-stakeholders (Parliament, Commission, Coun
2. Networking & matchmaking activities between UAS in Europe
3. Enhance the cooperation between UAS:
   - collecting good practices
   - collecting facts and figures to brand ourselves
   - mapping the UAS research priorities

The Eduprof-project 2008-2011
Creation of UASnet



Members

⇒ represented through national or regional associations of UAS (rectors' conferences)
(e.g. Vlaamse Hogescholenraad (VLHORA), Vereniging Hogescholen (VH),…)

8 EU-countries

1.	Finland	25 UAS	Henrik Wolff (Arcada UAS)
2.	Denmark	7 UAS	Lene Augusta Jørgensen (UCN UAS)
3.	Estonia	9 UAS	Anne Kraav (Talinna Tehnika UAS)
4.	Lithuania	23 UAS	Nijole Zinkeviciene (Vilniaus Kolegija)
5.	The Netherlands	36 UAS	Marjolijn Brussaard (Artez UAS Arts)
6.	Belgium:		
	a) Flanders	13 UAS	Eric Vermeylen (VLHORA)
	b) Wallonia	19 UAS	Cedric Bister (Synhera)
7.	Ireland	12 UAS/IOTI	Jennifer Brennan (THEA)
8.	Portugal	20 UAS	Armando Pires (Setubal UAS – CCISP)

TOTAL **157 UAS (< 1 million students)**

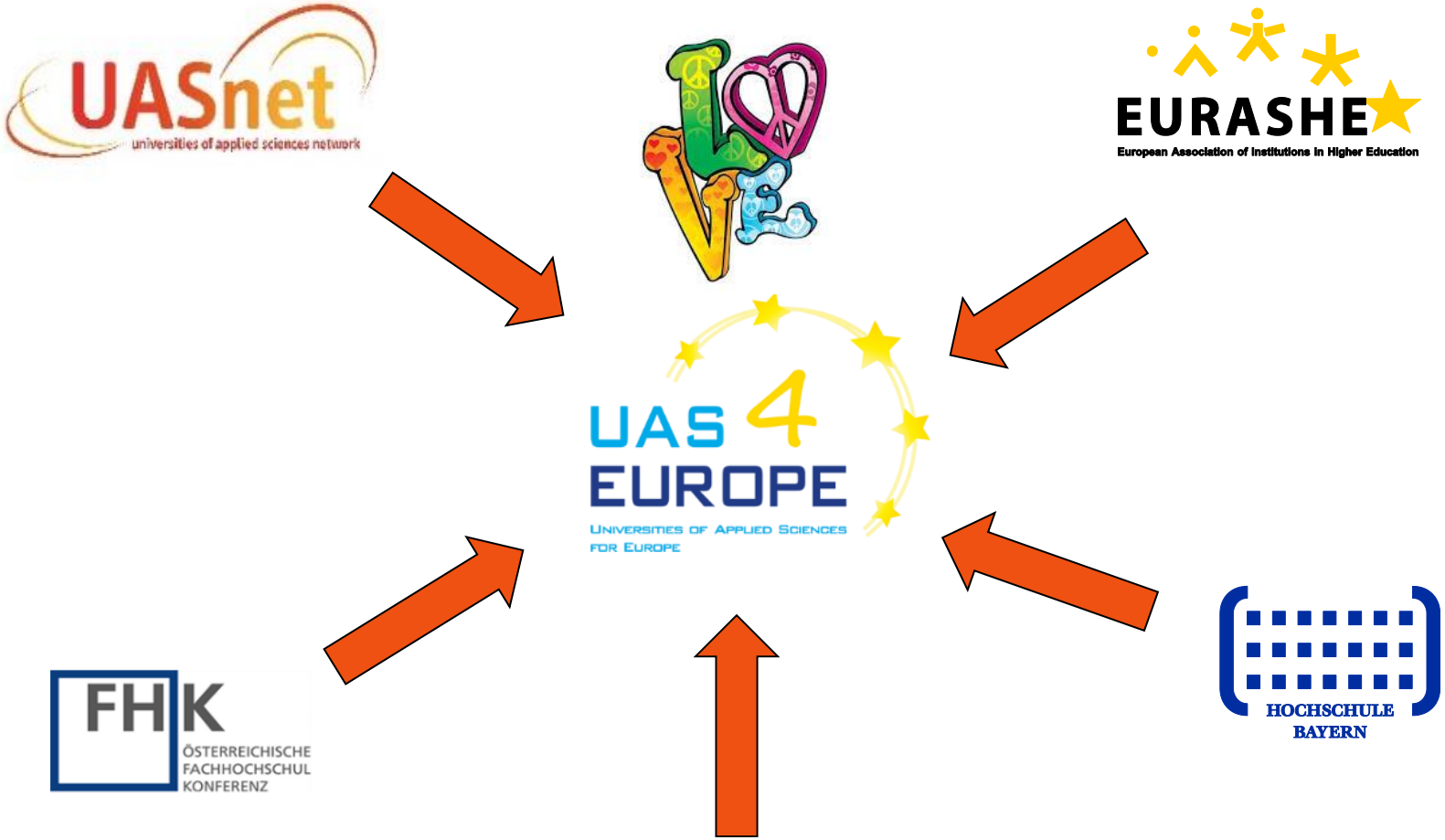
General Assembly of UASnet

UASnet

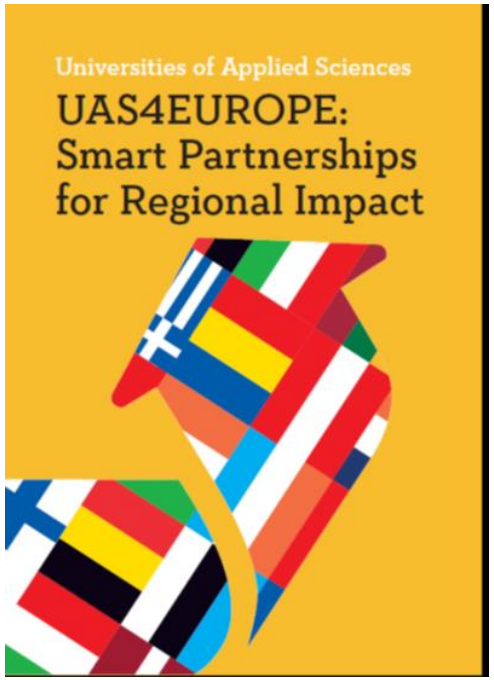
universities of applied sciences network

Bruno Van Koeckhoven
Secretary-General of UASnet
bruno@uasnet.eu
+32.497.17.90.50

Summer of Love - 2016



swissuniversities



"Europe needs more and stronger involvement of the Universities of Applied Sciences" - March 2017
- Robert-Jan Smits DG RTD

EURASHE	June 2016 – June 2017
Swiss UAS	June 2017 – June 2018
UASnet	June 2018 – June 2019
Austrian UAS (FHK)	June 2019 – June 2020
Bavarian UAS	June 2020 – June 2021

Founding Organisations

Representing all 21 Austrian UAS's

currently UAS4EUROPE representative
FHK Austria = chair

Representing over 640 institutions in over 35 countries within and outside the European Higher Education area	EURASHE
Representing all Swiss institutions of higher education, incl. 7 UAS	Swissuniversities
Representing all the 20 Bavarian UAS	Hochschule Bayern
Representing 157 UAS in 8 EU-countries - through national Rectors' Conferences	UASnet

UASnet universities of applied sciences network
EURASHE European Association of Institutions in Higher Education
swissuniversities
HOCHSCHULE BAYERN
FHK ÖSTERREICHISCHE FACHHOCHSCHUL KONFERENZ

Organisation

UAS4EUROPE representative

One president of the founding partners representing UAS4EUROPE for one year:
Henrik Wolff, president of UASnet

UAS4EUROPE Organisation Committee

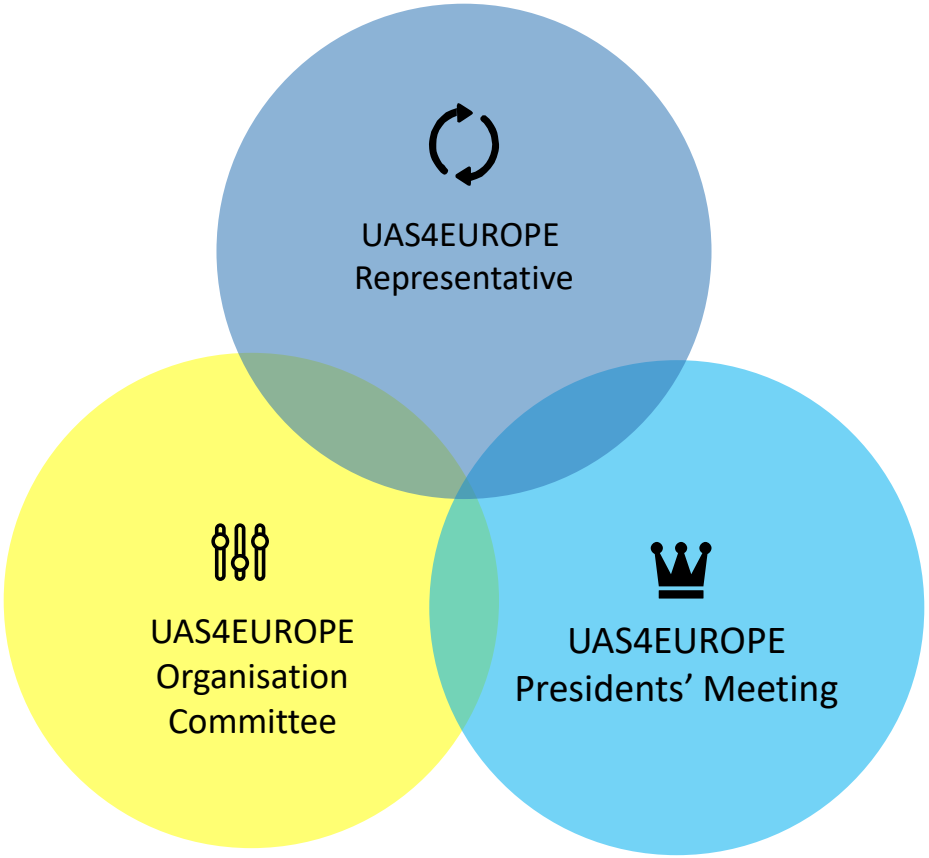
Representatives of all founding partners:
- Preparing position papers
- Lobby & communication
- Organising network events

Coordinator: Bruno Van Koeckhoven (UASnet)

UAS4EUROPE Presidents' Meeting

Meeting of the founding organisations

Coordinator: Bruno Van Koeckhoven (UASnet)



UAS4EUROPE Organisation Committee
2018 – 2019
@ Bavarian Representation to the EU

UAS4EUROPE Presidents' Meeting 2018 – 2019

@ Embassy of The Netherlands

From left to right:
Martin Reichel (Bavarian Research Alliance); Kurt Koleznik (FHK); Naomi Krekelberg (UAS4EUROPE); Heidi Esca-Scheuringer (FHK); Henrik Wolff, Sander Hees, Bruno Van Koeckhoven (UASnet); Stéphane Lauwick (EURASHE); Marjolijn Brussaard (UASnet); Michal Karpíšek (EURASHE); Luciana Vaccaro, Otto Bruun (swissuniversities); Jürgen Lehmann (Hochschule Bayern); Armando Pires (EURASHE & UASnet)

Mission Statement

UAS4EUROPE aims to strengthen the voice of universities of applied sciences (UAS) in Europe in the field of applied research and innovation. It is both a networking platform for exchanging knowledge and for reaching out to European institutions and other European stakeholders to ensure a better integration and visibility of UAS in Europe's research- and innovation policies and programmes.

The goal is to provide a common voice and to create visibility for UAS at European level and to strengthen the involvement of UAS in European policies and programmes. We further aim to highlight the particular roles of UAS and their value in Europe:

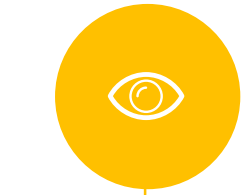
1. as smart regional connectors
2. as international key players
3. as competent project partners and project leaders for European programmes
4. as consulting bodies on research and innovation
5. as contributors to European entrepreneurship

Through these roles, UAS4EUROPE stresses the importance of the correlation between high-quality education and applied research. In practice this could be through education labs, internships and workplace learning by students.

One major challenge of EU research and innovation programmes has been to increase their impact on society. The vital role of UAS as a transmission mechanism connecting knowledge creation to citizens, small and medium-sized companies as well as public institutions in their region has not been fully realized. Europe as a whole will benefit from more actively capitalizing on the role of UAS as connectors linking citizens, companies (especially SMEs) and public institutions.

What We Do

Represent research and innovation of UAS in Brussels

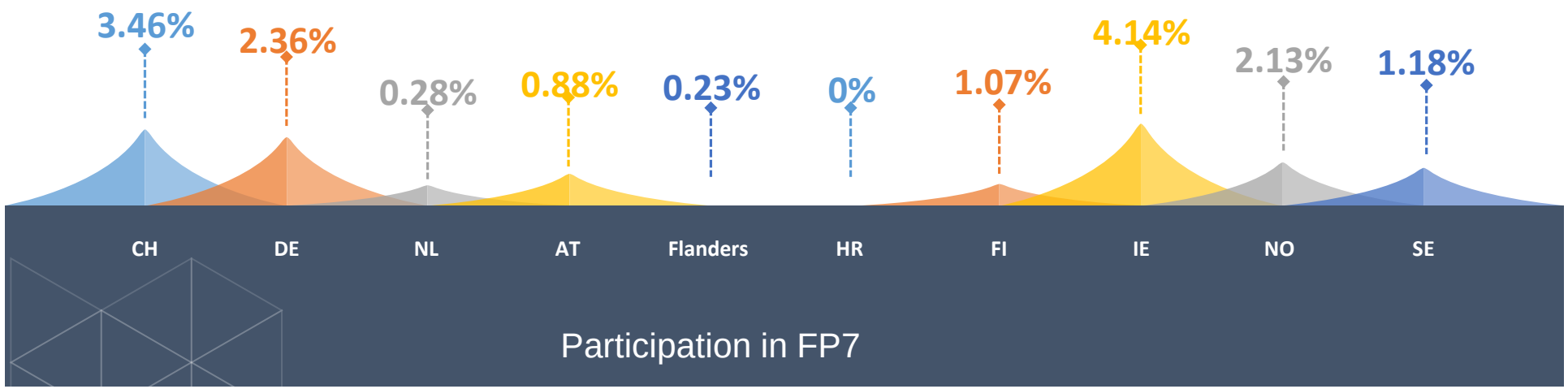


Increase visibility of UAS & research activities in Brussels

Contribute to shaping European research funding programmes

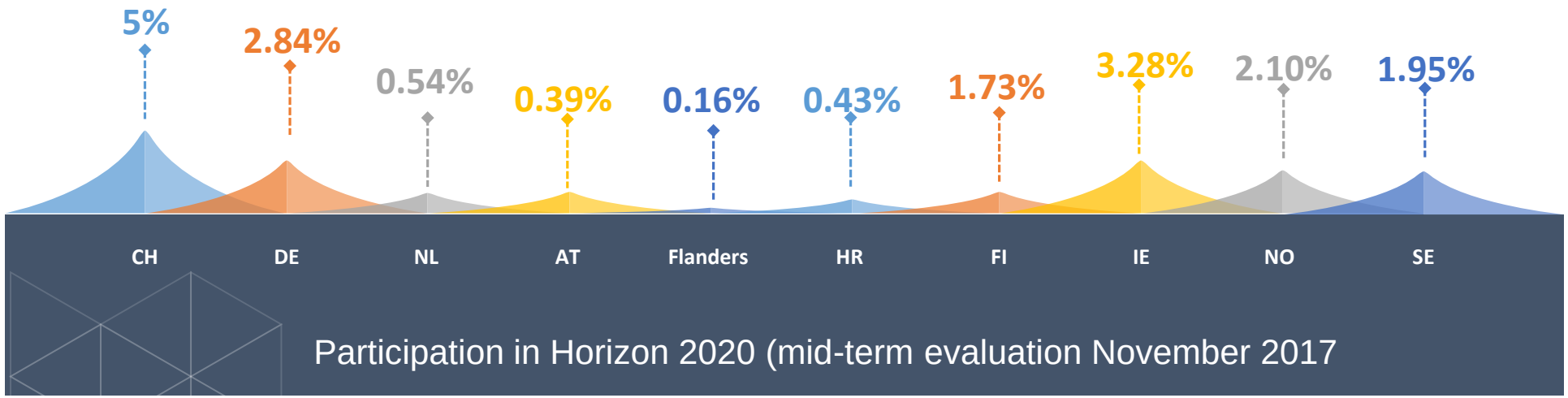
Inform actors on the developments on the EU-level

1. Data Analysis



Source: Data extracted from the open data portal in September 2017

1. Data Analysis



Participation in Horizon 2020 (mid-term evaluation November 2017

Source: Data extracted from the open data portal in September 2017

UAS in NL

36 UAS **14** Universities

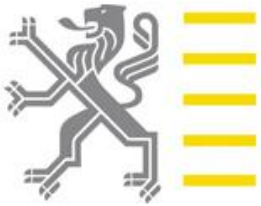
0.54% Participation rate of Dutch UAS in Horizon 2020 (Date: 09/2017)

0/19 Percentage of Dutch UAS being coordinator in Horizon 2020 projects (Date: 09/2017)

0.28% Participation rate of Dutch UAS in FP7

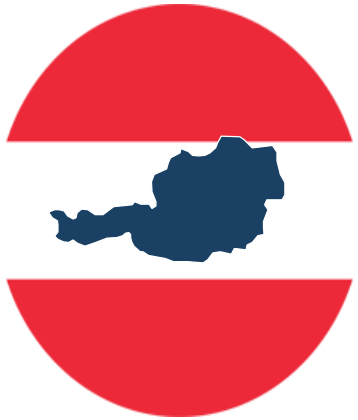
3/25 Percentage of Dutch UAS being coordinator in FP7 projects

|UAS in Flanders (BE)|



13 UAS **5** Universities	
0.16%	Participation rate of Flemish UAS in Horizon 2020 (Date: 09/2017) in comparison to all Flemish projects
0/4	Flemish UAS being coordinator in Horizon 2020 projects (Date: 09/2017)
0.23%	Participation rate of Flemish UAS in FP7 in comparison to all Belgium projects
2/14	Flemish UAS being coordinator in FP7 projects

UAS in AT



21 UAS **35** Universities

0.39% Participation rate of Austrian UAS in Horizon 2020 (Date: 09/2017)

1/6 Percentage of Austrian UAS being coordinator in Horizon 2020 projects (Date: 09/2017)

0.88% Participation rate of Austrian UAS in FP7

1/33 Percentage of Austrian UAS being coordinator in FP7 projects

UAS in CH

7 UAS	**12** Universities
5.00%	Participation rate of Swiss UAS in Horizon 2020 (Date: 09/2017)
3/69	Percentage of Swiss UAS being coordinator in Horizon 2020 projects (Date: 09/2017)
3.46%	Participation rate of Swiss UAS in FP7
17/170	Percentage of Swiss UAS being coordinator in FP7 projects

2. Position Papers

UAS 4 EUROPE

POSITION PAPER ON FP9

UAS4EUROPE, the networking platform for universities of applied sciences (UAS) in Europe, presents its position paper on the ninth European Framework Programme for Research and Innovation (FP9). UAS4EUROPE believes that the universities of applied sciences have an important role to play in FP9. Horizon 2020 is a first and much appreciated step forward to cover the full research and innovation chain in which opportunities are within reach also for UAS. However, based on our statement on the mid-term evaluation on Horizon 2020, contribution to the European Innovation Council (EIC) and the UAS4EUROPE position paper, as well as our internal FP9 survey, we would like to provide our recommendations for a new programme that will even better integrate UAS.

Main recommendations

- Include **Smart Partnerships for Regional Impact (SPFRI)**, which fosters the collaboration between, universities of applied sciences, academic universities, RTOs, companies, regions and other public and private stakeholders with strong added value on the basis of excellence.
- An increase of the budget to **EUR 120 billion** for seven years while at the same time ensuring genuine research funding within the Structural Funds.
- Keep the **three-pillar-structure**
- Ensure **better integration of social sciences and humanities (SSH)** and simultaneously the inclusion of broader themes relevant to UAS, such as social work, artistic design and research, applied linguistics, educational sciences and a broader understanding of the health profession.
- **Address problems and challenges with achieving genuine synergies with Structural Funds**
- **Focus on all forms of innovation**, from incremental to disruptive and breakthrough innovation, but also social innovation and business model innovation.
- **Make FP9 as simple as possible**

UAS4Europe Position paper on FP9 – November 2017

Succesful lobby by the Swiss chair of UAS4EUROPE

What We Do: Croissant Events

3. Croissant Events

"UAS play a key role in the ambitions of the new Framework Programme (FP9) of the European Commission"

- Kurt Vandenberghe, Director Policy Development at Directorate-General Research (RTD) of the European Commission

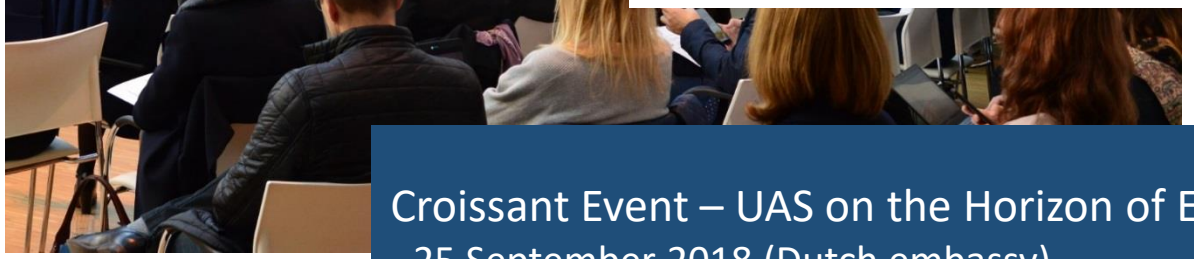
Croissant Event
- 28 Februari 2018 (Swiss Embassy)

What We Do

3. Croissant Events

Croissant Event - Programme

09:00	Coffee and croissants
09:20	**Welcome** **Ronald van Roeden** Ambassador/Deputy Permanent Representative of the Netherlands to the European Union
09:30	**Opening speech and view of UAS4EUROPE on Horizon Europe** **Henrik Wolff** Representative of UAS4EUROPE 2018-2019 President of UASnet,
09:45	**Response by the European Commission** **Fabienne Gautier** Head of Unit Open Science and ERA Policy Unit, DG RTD
10:00	**Panel discussion: the involvement of UAS in H Europe** • **Fabienne Gautier** – Head of Unit Open Science & ERA Policy Unit, DG RTD • **Johann Kastner** – Vice-president, UAS Upper Austria • **Elke Decrock** – EU-research Unit Artevelde University College Ghent Moderated by **Karin Lukas-Eder**, Representative BayFOR
10:55	**Closing remarks** **Marjolijn Brussaard** Vice-president UASnet, President ArtEZ University of the Arts
11:00	Networking coffee



POSITION PAPER ON HORIZON EUROPE

Instituto Superior Politécnico
Institute of Technology
Hochschule für angewandte Wissenschaften
Hogeschool
Fachhochschule
University College Universidad Politécnica
Haute Ecole Spécialisée
Technische Hochschule
Scuola Universitaria Professionale Hogeschool

Croissant Event – UAS on the Horizon of Europe?
- 25 September 2018 (Dutch embassy)
Presenting UAS4EUROPE Position Paper on Horizon Europe

4. Lobby

Dan Nica
Member of Parliament (MEP)
Rapporteur FP9
'Horizon Europe'
Parliamentarian Commission ITRE

Jean-Eric Paquet
Director-General
DG RTD
European Commission (EC)

What We Do

5. Conferences

UAS4EUROPE-Conference – 15 March 2017

- 240 participants from UAS's in Europe
- 25 European countries

UAS4EUROPE Conference – 2 April 2019

"Beyond Horizons - The future of applied research in Europe"

- 202 individual attendees
- 20 European Countries

Moderator Karin Lukas-Eder (UAS4EUROPE, E

14:30

Keynote Speech

TNU, Trondheim in Norway

Supported by MEP's:

UAS on the Horizon of

MAIN RECOMMENDATION

1. UAS4EUROPE proposes an increase of the Horizon Europe budget to at least **€120 billion**;
2. To reach the goals as stated under the Marie Skłodowska-Curie Actions (MSCA) the European Commission should **support a better inclusion of applied researchers**;

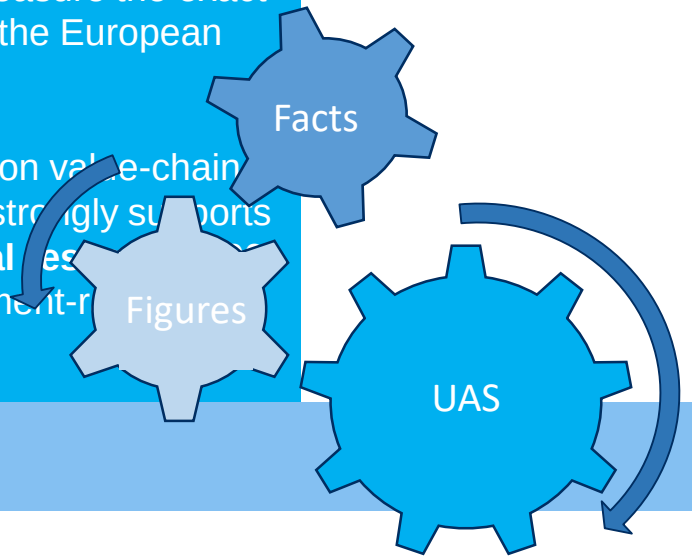
UAS on the Horizon o

MAIN RECOMMENDATI

3. The European Commission should ensure a better **integration of Social Sciences, Humanities and Arts (SSHA)** in the second pillar of Horizon Europe. In addition, UAS4EUROPE supports the **separation of the cluster Inclusive and Secure Societies** into 'Inclusive & Creative Society', on the one hand, and a 'Secure Society'-cluster on the other;

4. **Better indicators** need to be established to measure the exact societal impact of research-projects funded by the European Union.

5. Third Pillar: the incremental part of the innovation va e-chain too often forgotten. Therefore UAS4EUROPE str gly su orts the proposed **extra investment in incremental es million)** as suggested by the European Parliament-r Dan Nica (July 2018);



loriz

OMME

n involv

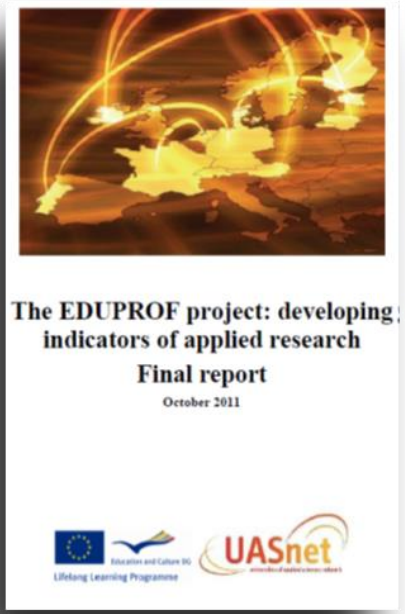
at the heart of European R&I programmes. UAS are important breeding grounds for this type of research and provide excellent impact-oriented research results. **Funding of small- scale multidisciplinary projects** would increase active participation of UAS, together with partners from SMEs and start-ups, thus further stimulate the effectiveness of European research programmes;

7. UAS4EUROPE supports the mission oriented approach proposed by the European Commission. Mission Boards (EIC, EIT) should have a strong multi-disciplinary character thus **include representatives, researchers and/or experts from UAS.**

Working Group RDI-Indicators of UAS

- Meetings on 5 December 2018 and 21 February 2019
- 11 European countries

Research and Innovation Indicators - project



Developments

1. Research & Innovation Working Group - 5 December 2018 - Brussels

- proposal of VLHORA-research indicators (since 2012)
- definitions of input & output-research indicators
- Finland, Estonia, Lithuania, The Netherlands, Flanders & Wallonia, Ireland, Austria, Switzerland, Portugal, Bavaria and Malta

2. Research & Innovation Working Group - 21 February 2019 – Brussels

- feasibility analysis: choice of research-indicators
- discussion on definitions
- final decisions: 5 input-indicators, 1 output-indicator and 1 general indicator

3. Analysis Bachelor-paper (by UASnet-intern Alec Moons) – September 2019

- further analysis of provided numbers
- future efforts are necessary

Input-Indicators

Number of UAS

Number of students

Yearly public research budget

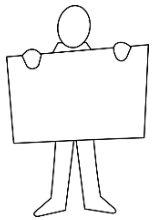
Amount of researchers

Output-Indicators

Labour market partners (private & public)

Knowledge centres in RDI-projects

Scientific & Professional Publications



Lectures & Poster Presentations (labour market & scientific world)

Symposia at your UAS

UAS4EUROPE Stats & Figures – February 2019

Research-Indicators UAS	Finland	Estonia	Lithuania	Netherlands	Flanders - BE	Wallonia - BE	Ireland	Portugal	Austria	Bavaria	Switzerland	Malta	EURASHE	TOTAL
Input-Indicators														
1a: number of UASes	25	9	23 (merges inc. --> 20)	36	13	19	12 (merges inc. --> 10	15 + 5 (thematic) = 20	21	20	8	1	427	634
1b: number of traditional universities	15	6	22	14	5	6	7	7	21	11	12	1		
											UTE: 14			
2a: number of students UASes	144000	8500	35446 (oktober new nr	450000	122623	96225	96954	112300	51522	120000	76504	6635	978476	2.299.185
2b: number of students trad. Unis	152000	37000	82577	276713	116598	95641	127775	193410	278052	245000	150672	13000		
											UTE: 20729			
3a: yearly public budget for research UASes (in €)	168 million	0	0,410 million Europear	217 million (129,2 mil	58,521 million	1 million	57,8 million	141,5 million	91 million (Nat + Priv)	152 million	948,9 million	3 million		
3b: yearly research budget trad. Unis (in €)	1,3 billion	Budget is based on annual applications	33,09 million	1,858 billion	1,3 billion	140 million	440,3 million	Retrievable	2 billion	??	4,775 billion	75 million		
4: yearly private budget for research UASes (in €)														
5a: amount of researchers (fte)	Unavailable	?		Unavailable	577	90	571	7150	900	1000	3200	?		
(amount of research staff in heads)	3057	?	1872 (nr. only from 13	646	1852	?	1051	?	?	?	?	22	38078	58.918
General-Indicators														
1: Employability rate UAS					95,80%				98,30%					
Output-Indicators														
1: SME's/enterprises/companies in RDI-activities	7167		464		3233	117 sme	1030		1450 (62% SME)			2% of 28000		
Optional Output-Indicators														
1: involvement public sector partners	1940											200-500		
2: Involvement third sector partners	1822													
3: UAS/trad. Uni's/research centers in UAS projects	2208		111		1110	35								
4: Peer-reviewed publications UAS	632	?	564		297	Luck-platform? Op dit platform zullen ze in de toekomst indicatoren verzamelen wa				2595		100		
5: Non peer-reviewed publications UAS	7730	420	190		357									
6: Study days or trainings based on scientific res.			850		447									
7: Lectures/poster presentations to companies and not for profit organisations			826		939									
8: Lectures/poster presentations to scientific knowledge institutions (trad. Uni's & UAS & research centers)			236		507									
Optional Input-Indicators														
1: amount of teaching staff	4091 (not only te	2400	?	4336	11,52%	800	Unavailable	9400 teachers (almost	Unavailable	4250	6000	500		

Input-Indicators

Number of UAS

Number of students

Yearly public research budget

Yearly Private research budget

Researchers

Output-Indicators

Labour market partners (private & public)

Knowledge centres in RDI-projects

Scientific & Professional Publications

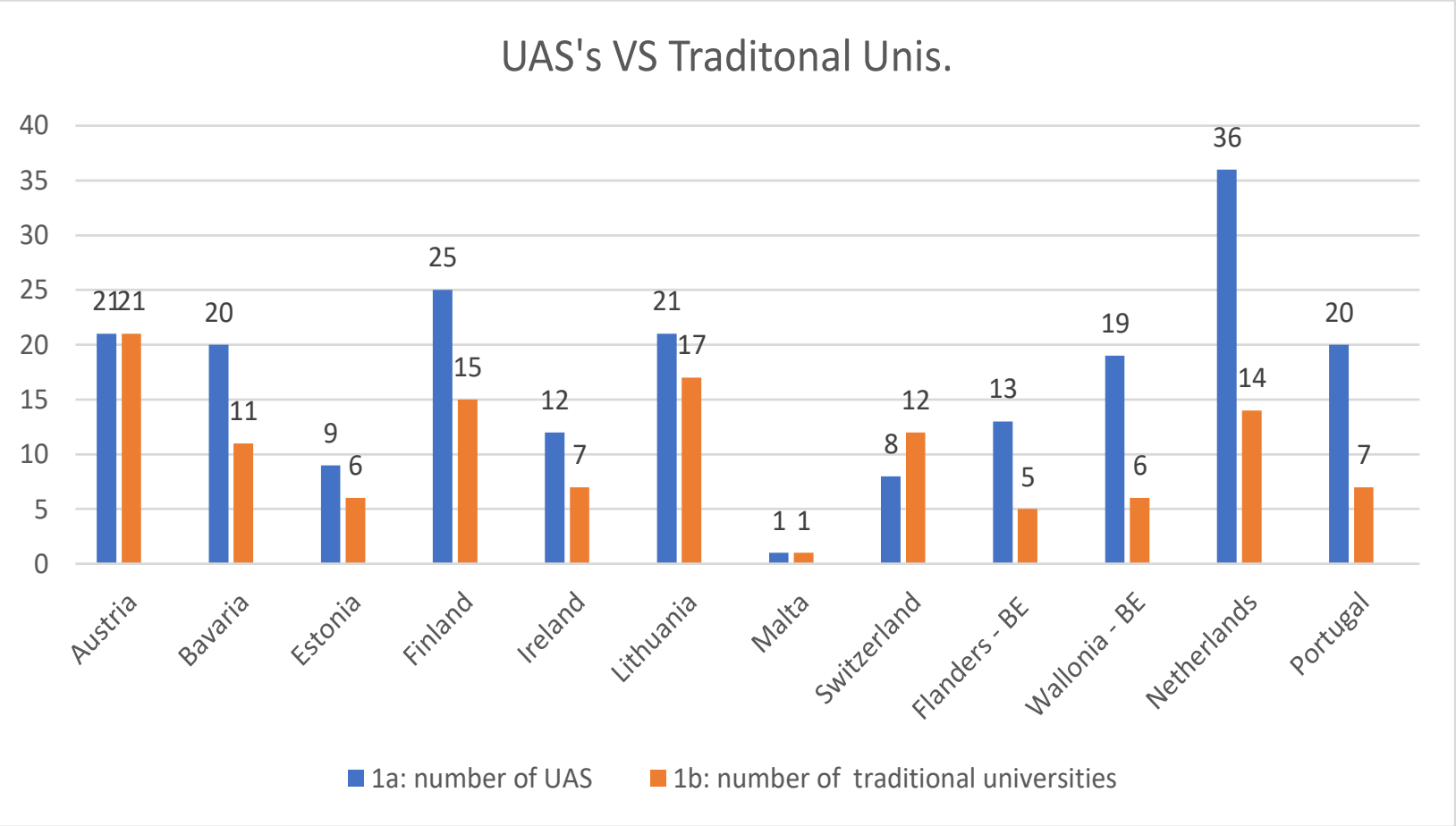
General-Indicator

Employability

Research and Innovation Indicators – project

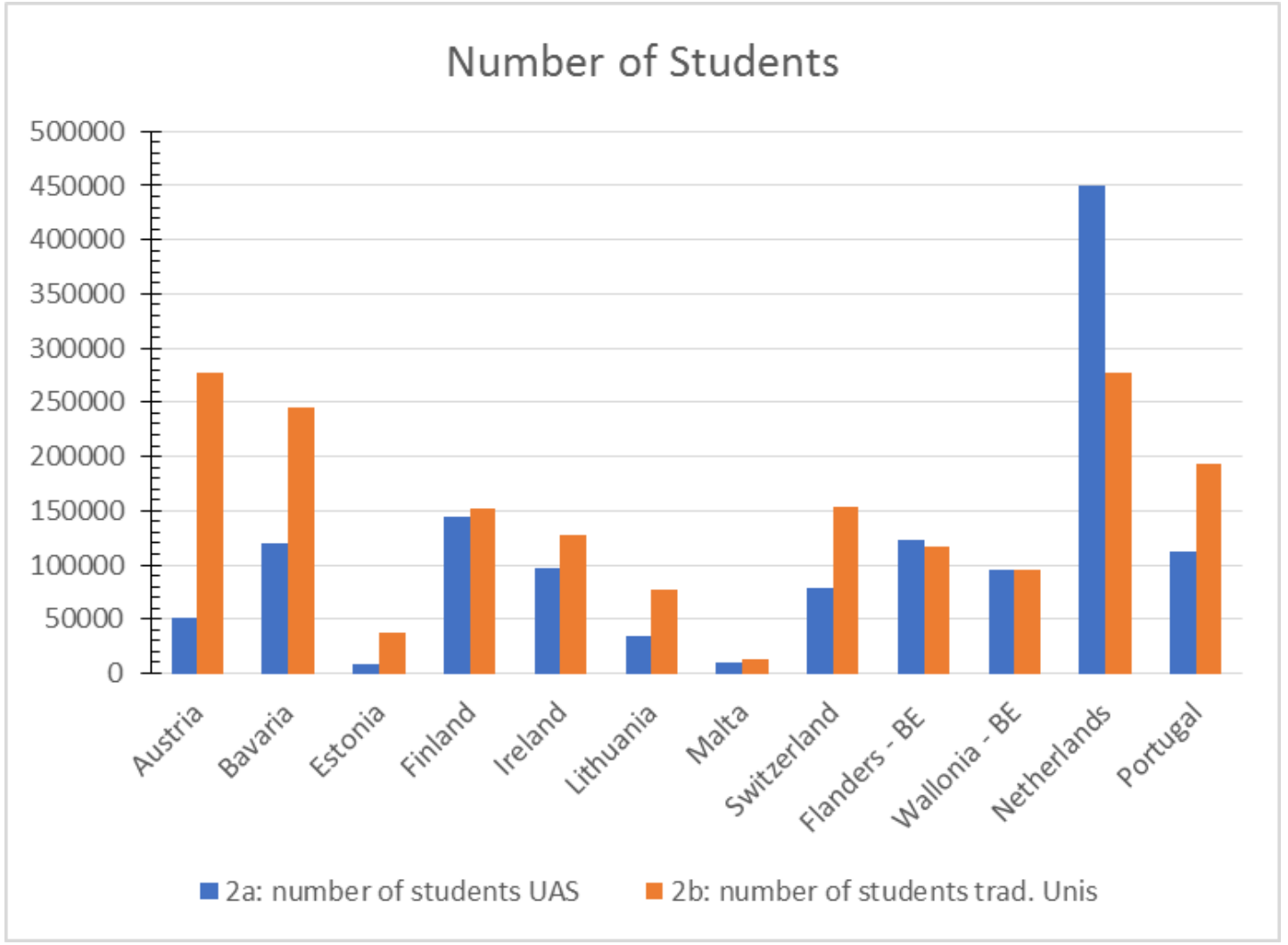
Analysis Bachelor-paper (by UASnet-intern Alec Moons) – September 2019

1.1.1 Amount of UAS's and traditional universities (indicator 1)



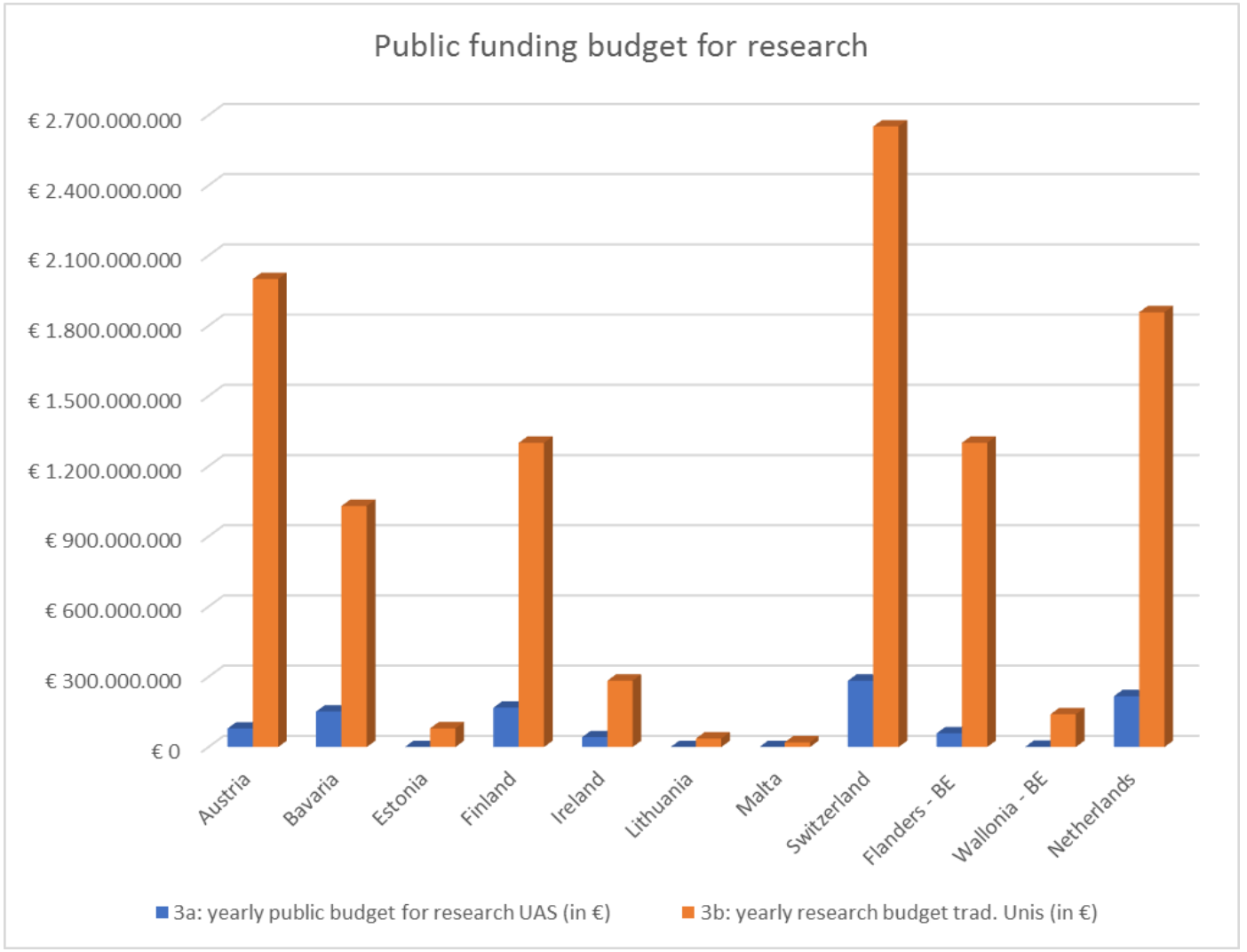
Research and Innovation Indicators – project

Analysis Bachelor-paper (by UASnet-intern Alec Moons) – September 2019



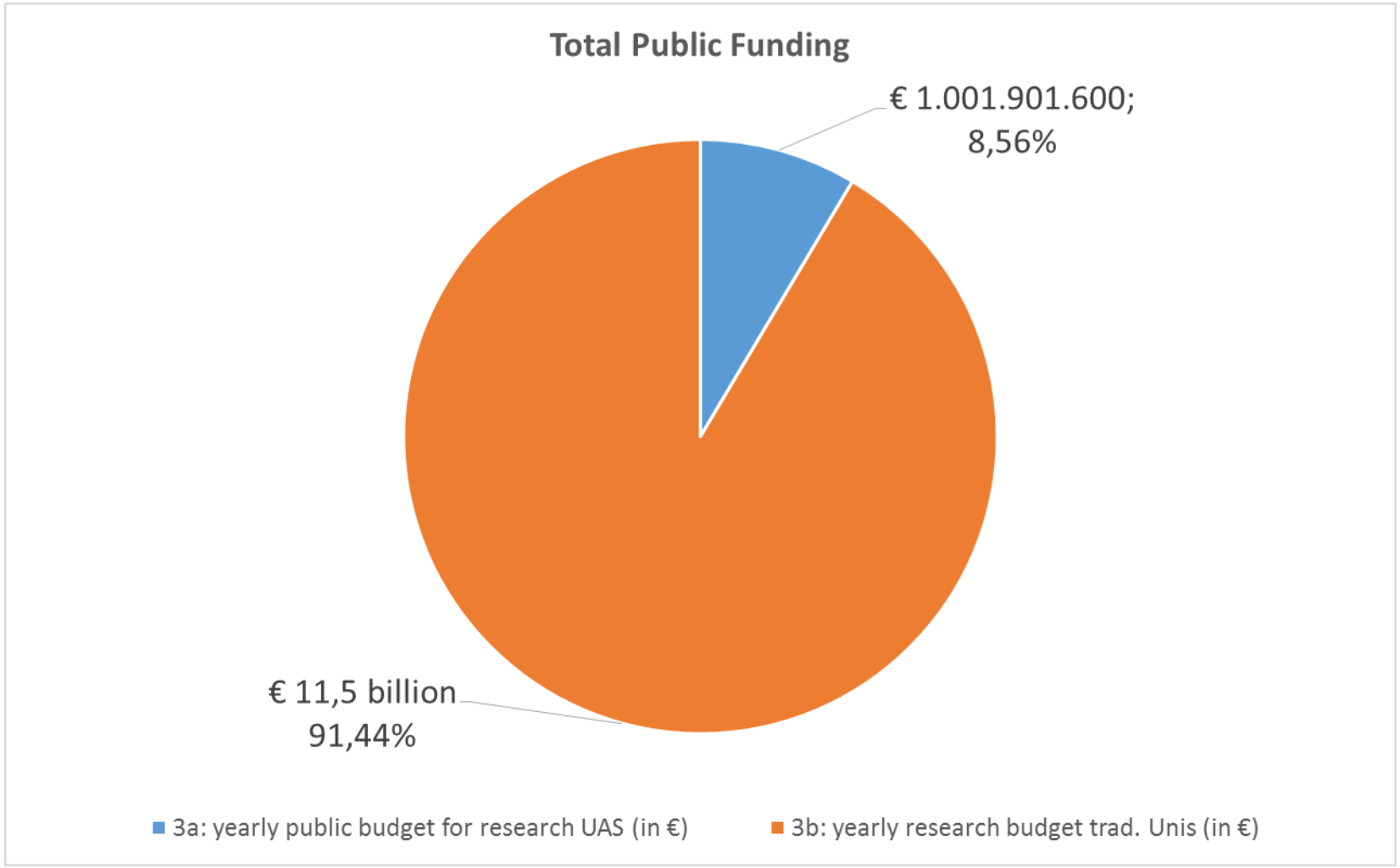
Research and Innovation Indicators – project

Analysis Bachelor-paper (by UASnet-intern Alec Moons) – September 2019



Research and Innovation Indicators – project

Analysis Bachelor-paper (by UASnet-intern Alec Moons) – September 2019



https://www.youtube.com/watch?v=XDVBMY06RLE

UASnet

universities of applied sciences network

Bruno Van Koeckhoven
Secretary-General of UASnet
bruno@uasnet.eu
+32.497.17.90.50

Coffee/tea break

We will start again at 15.30

Discussion and Q&A

Social Programme

Visit to the European Parliament

16.30: Paul-Henri Spaak Building – Rue Wiertz/Wiertzstraat 60

Group tour

Drinks and dinner (optional)

17.30: Monument à John Cockerill, Plux

19.00: Brasserie Leopold