



AESIS

NETWORK FOR
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE

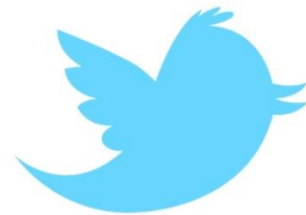
*Welcome to day 2 of the international **AESIS** course on*

Access to EU Research Funding for Universities of Applied Sciences

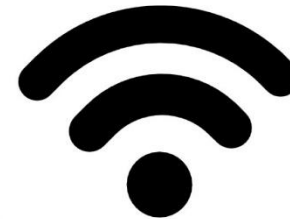
19-20 November, Spanish National Research Council, Brussels, Belgium



DAY 2



#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**

Recap of day 1

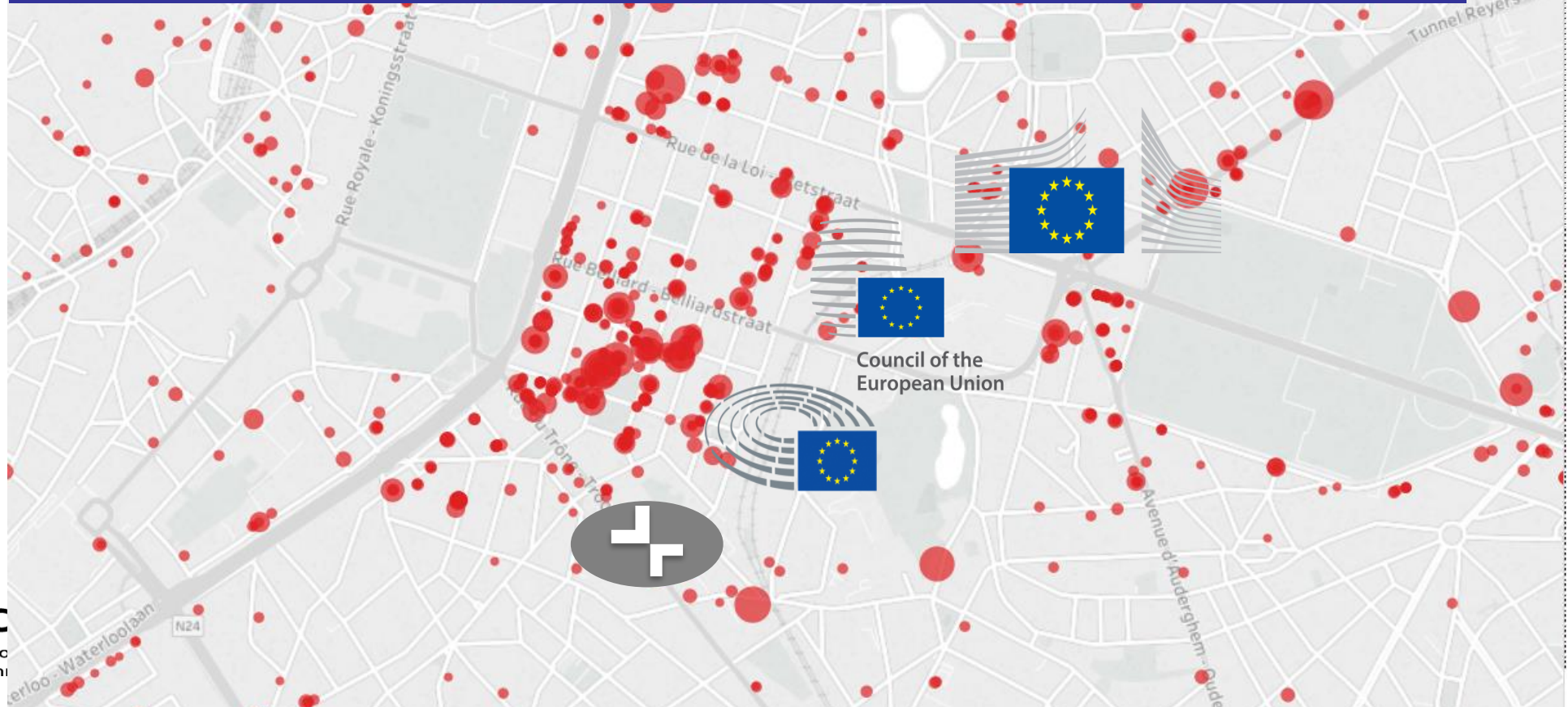
Lessons learned and open questions

Building towards consortium: best-practices & increasing success rate

Otto Bruun

European Advisor for Innovation, SwissCore

Swisscore: Supporting Swiss participation in EU Research and Innovation programmes



Swisscore Services.

1. Inform

- gather European ERI intelligence
- Provide timely and high quality information
- SwissCore newsletter 'Synopsis'

2. Liaise

- organisation of (high level) visits
- organisation of thematic workshops and participation in events

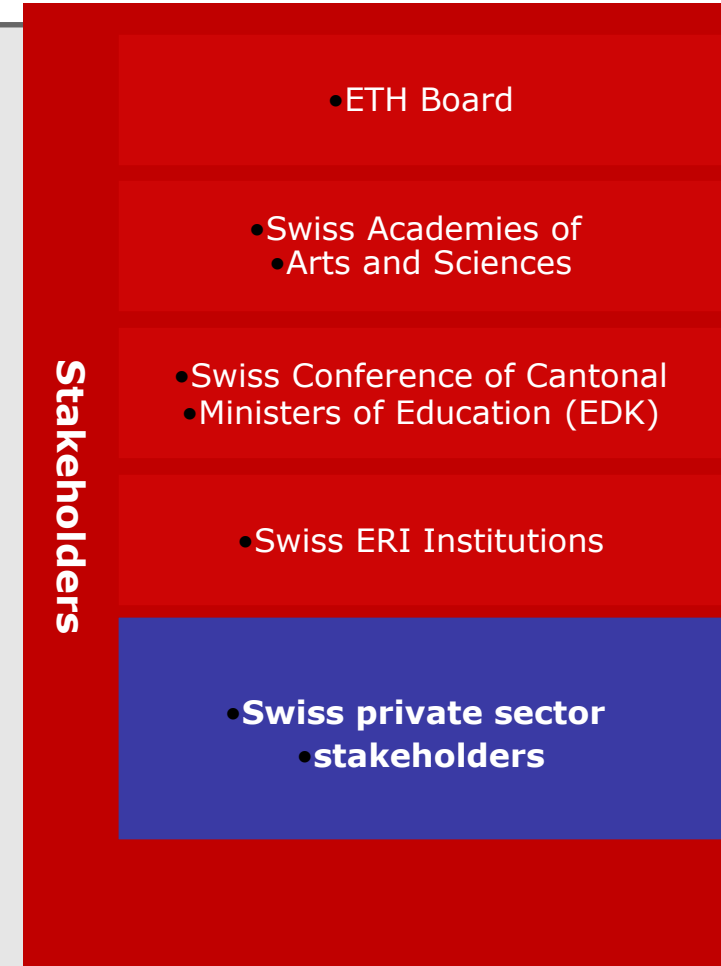
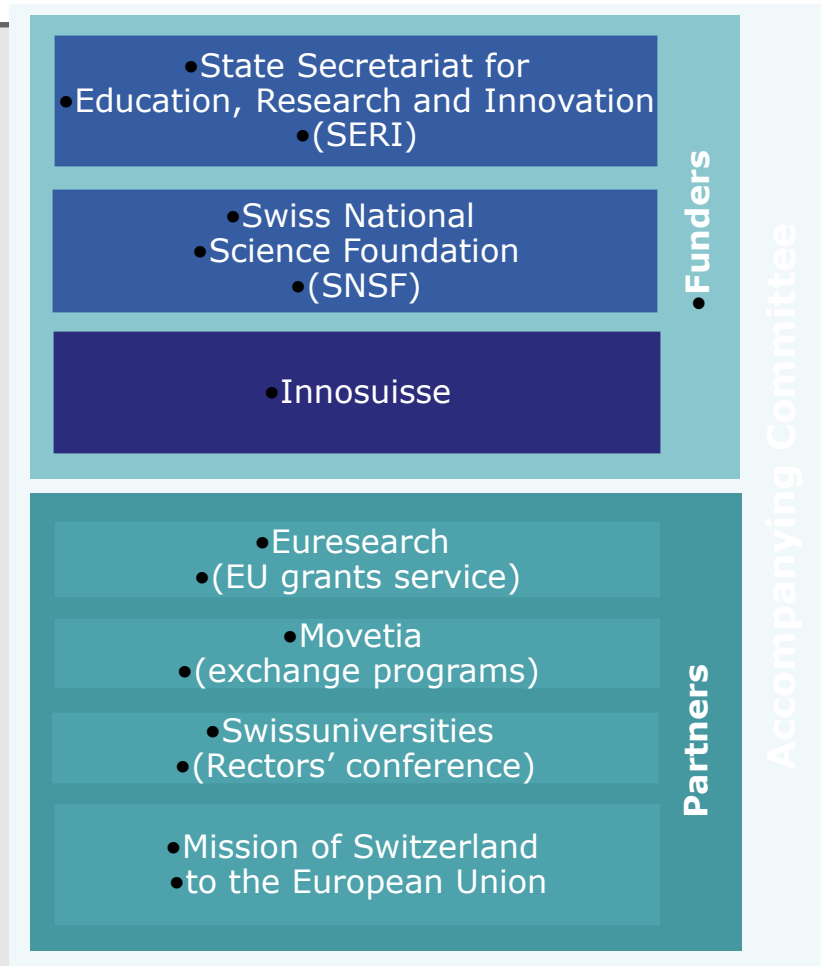
3. Support

- yearly ERI seminars
- trainings on EU programmes
- facilities (meeting rooms and work places)

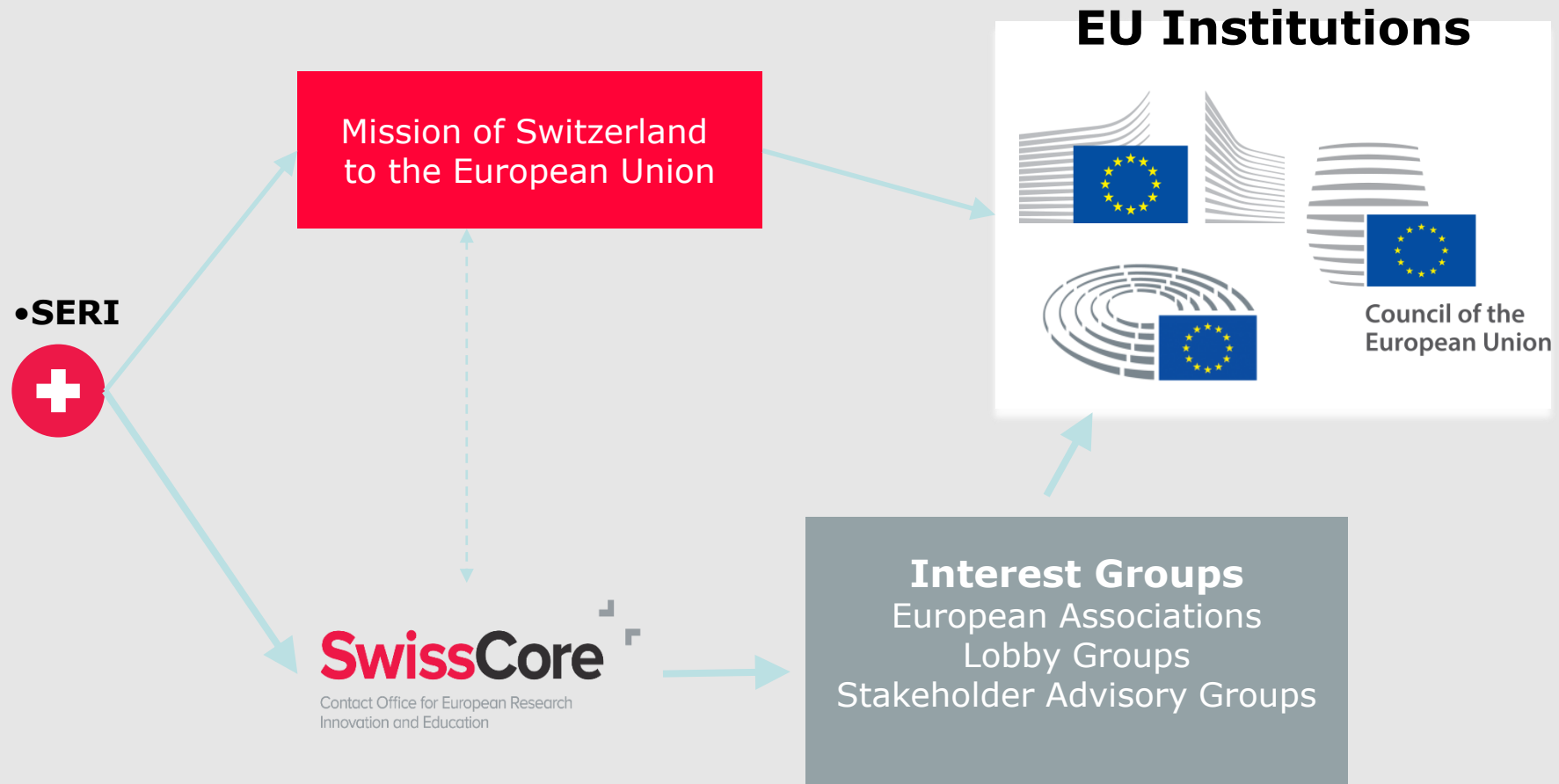
4. Promote

- Organisation of Swiss ERI briefings and annual event
- Cooperation in IGLO
- Strong and visible voice Brussels

Swiss context



Swisscore: Lobbying coordination activities.



European R&I programmes: what opportunities for Universities of Applied Sciences?

Access to EU Research Funding for AUS 19.11.2019

Otto Bruun, European Advisor for Innovation

SwissCore

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Innovation and Education

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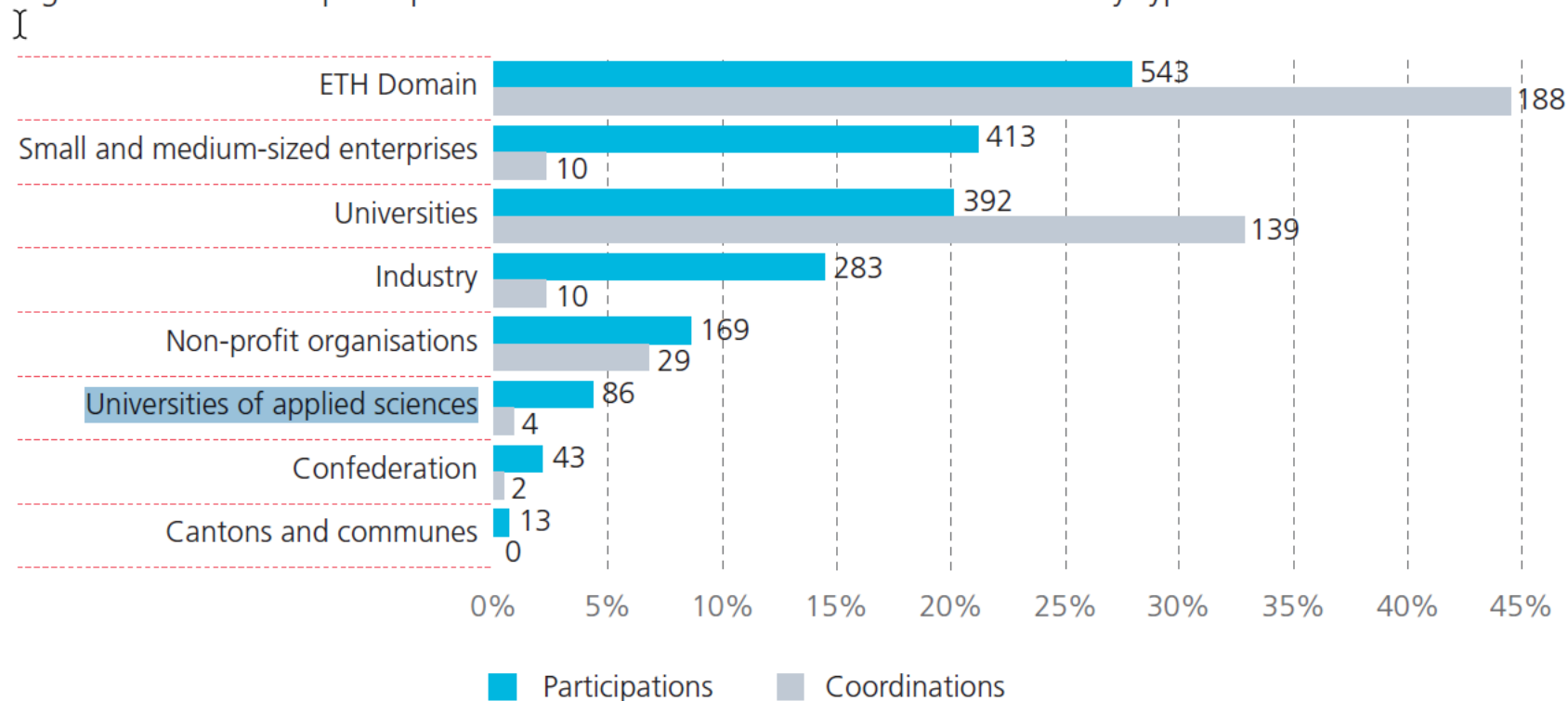
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overview

1. overview of Swiss UAS performance in Horizon 2020
2. opportunities for UAS
 1. Horizon 2020
 2. Erasmus+
 3. Cost programme
3. Towards an EU positioning
4. follow-up and discussion

Overview of UAS performance in Horizon 2020

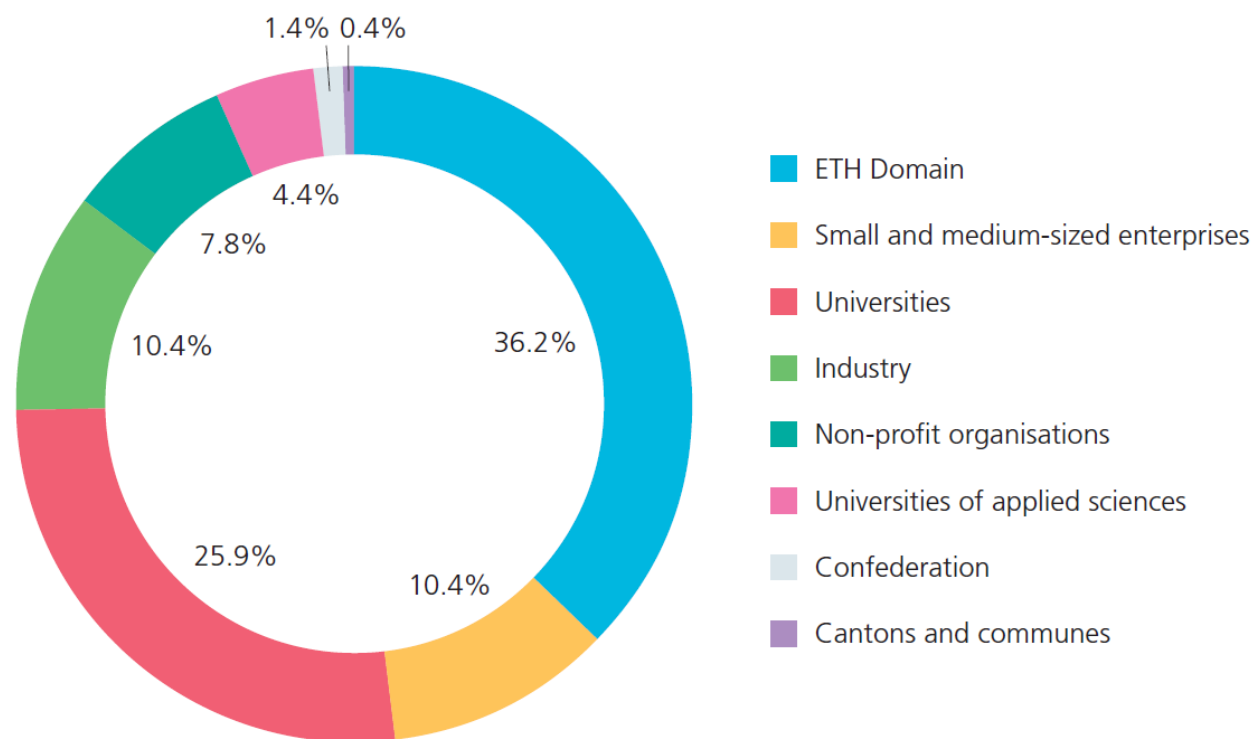
Figure 12: Swiss participations and coordinations under Horizon 2020 by type of institution



Sources: European Commission, SERI, cf. Table 8 in Appendix C

Overview of UAS performance in Horizon 2020

Figure 13: Share of contributions to Switzerland under Horizon 2020 by type of institution

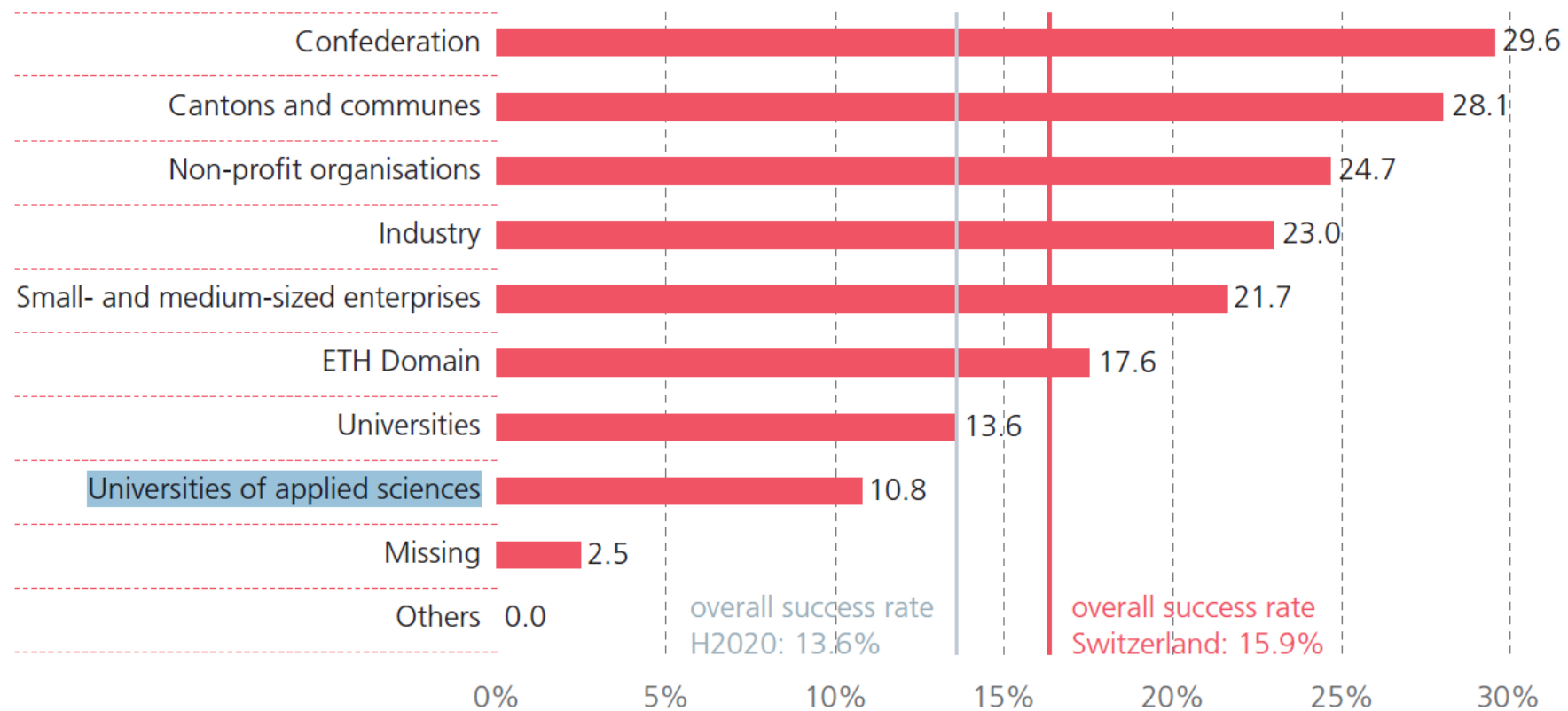


Sources: European Commission, SERI, cf. Table 8 in Appendix C

Overview of UAS performance in Horizon 2020

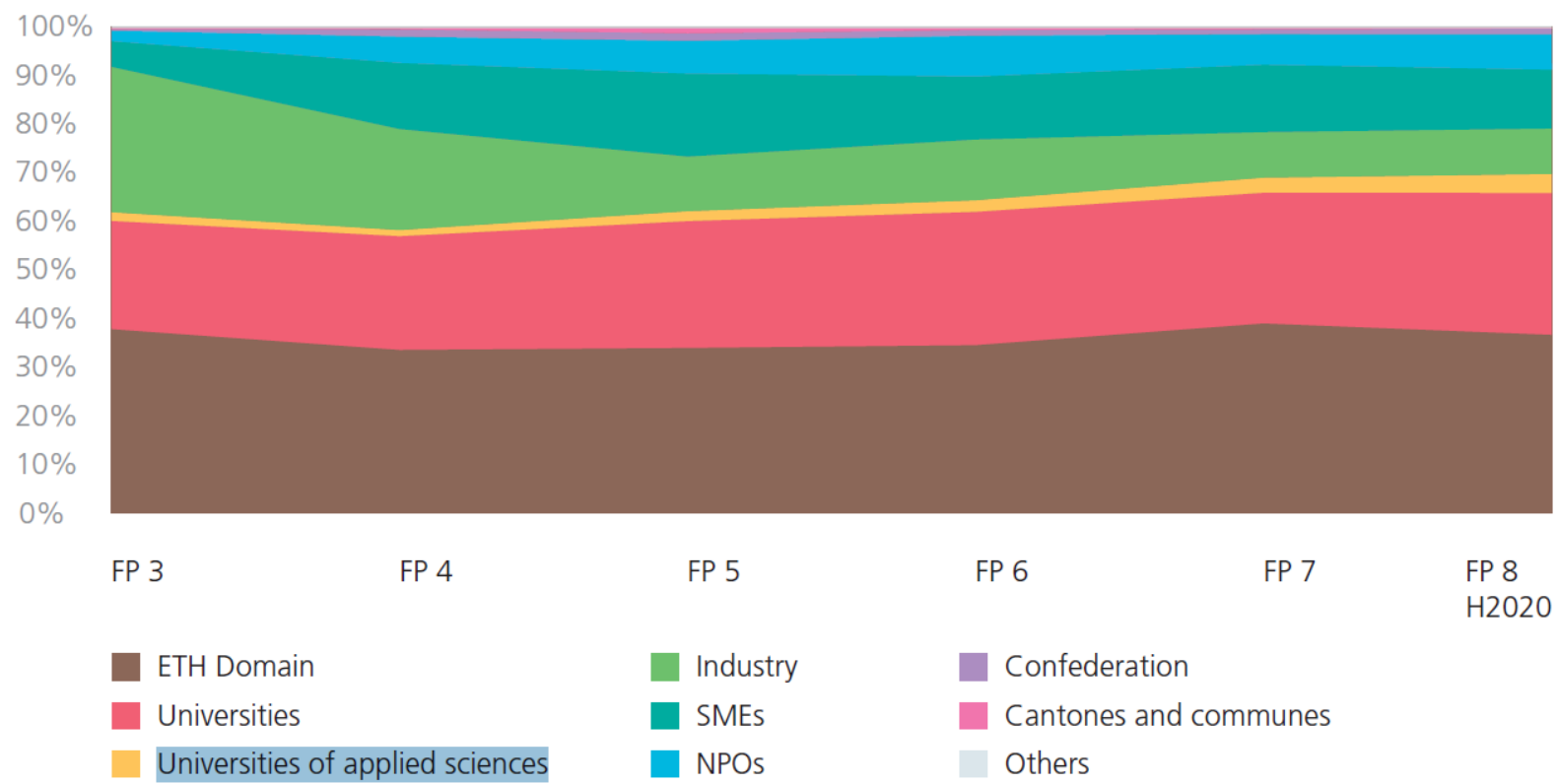


Figure 15: Success rate by type of institution



Overview of UAS performance in Horizon 2020

Figure 7: Contributions to Swiss participants in FPs by type of institution, since 1992 (in CHF m)



Promoting Swiss UAS in EU programmes

- Diagnosis:

- Lack of
 1. Visibility,
 2. Autonomy,
 3. Roadmap,
 4. Administrative support,
 5. Researcher incentives,
 6. Networking

Solution: Swissuniversities project –

Internationalisation of Swiss Universities of Applied Sciences and Arts

2013-2016 profiling practice oriented higher education internationally (CHF 4mn) funded by SERI

Goals

Internationally well-positioned Swiss UAS generate value for their individual institutions, for the entire higher education sector in Switzerland, as well as for Switzerland as a whole.

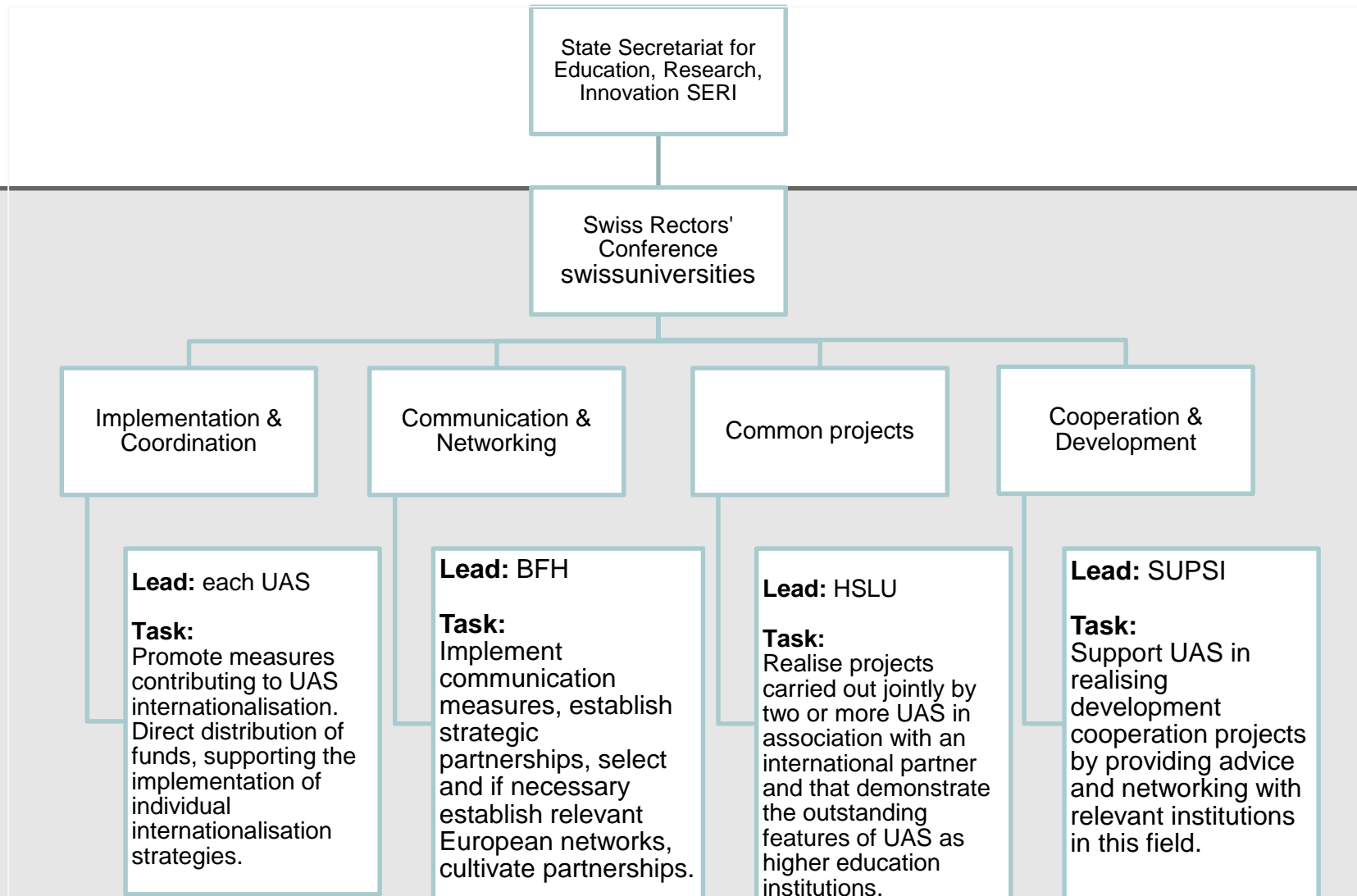
The UAS strengthen its reputation as a highly practical university type and its position as an attractive partner for business, research, education and culture.

The Swiss Higher Education Area is visible in all its diversity and of course, with its complementary university types and their specific strengths.

Switzerland is consolidating its status as an innovative thinking and working, which actively contributes to solving social, economic and environmental challenges.

Objectives

- Position > in the global higher education landscape
- Participation > presence in existing networks and infrastructure
- Cooperation > development cooperation
- Networking > joint projects with international appeal
- Empowerment > for work in an international environment



Strengths Swiss UAS

The Swiss Universities of Applied Sciences and Arts...

- 1. are highly relevant to practice.**
- 2. increase companies' innovative strength.**
- 3. provide the employment market with the experts it needs.**
- 4. provide excellent job and career prospects for their graduates.**
- 5. comply with Swiss quality standards in the field of education and research.**
- 6. lay the foundation for sustainable economic, cultural and social progress.**

The Concept of Switzerland Innovation

- **Objectives**

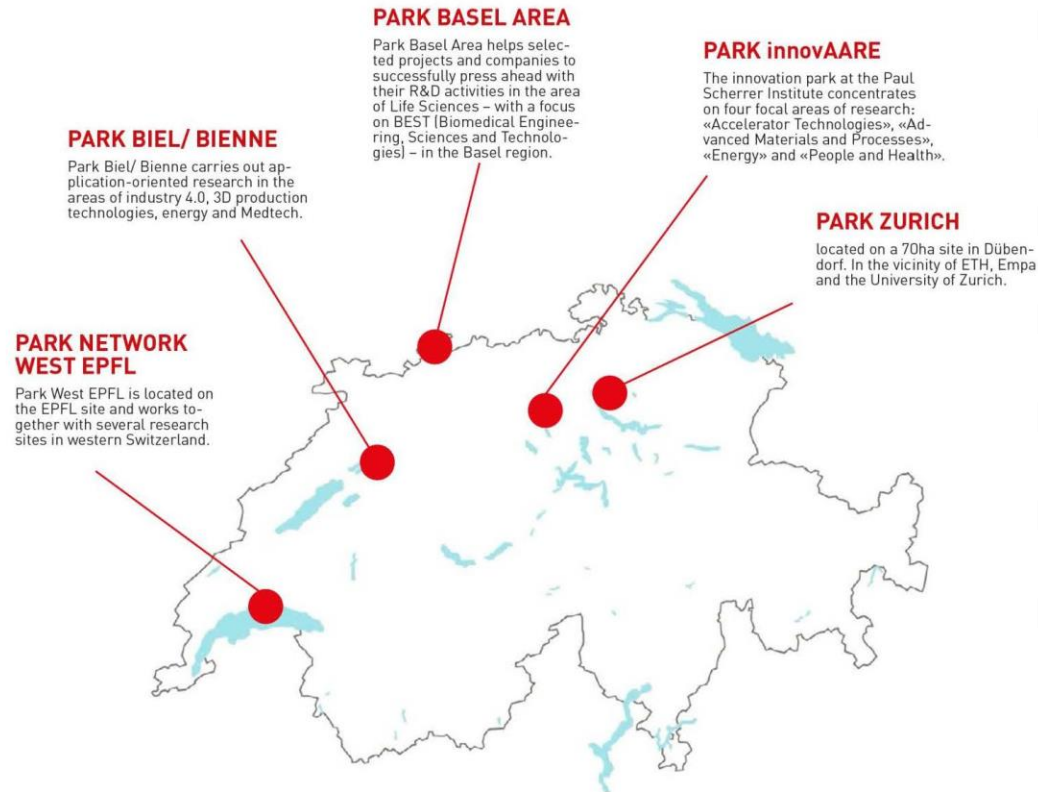
- R&D collaborations between companies and universities
- Attracting companies and research partners that develop new products, services and processes
- Arranging investments for research and development
- Creating platforms to accelerate R&D into marketable solutions
- Creating attractive conditions for research groups and start-ups
- Securing attractiveness and competitiveness through excellent conditions and services

Switzerland Innovation Park: a network on 5 sites



7 Focus Areas

- Life Science
- Energy
- Industry 4.0
- Materials
- ICT
- Transport and Mobility
- Enabling Technologies



Our core topics

3D manufacturing
technologies,
industry 4.0



Energy storage and
mobility



Medtech



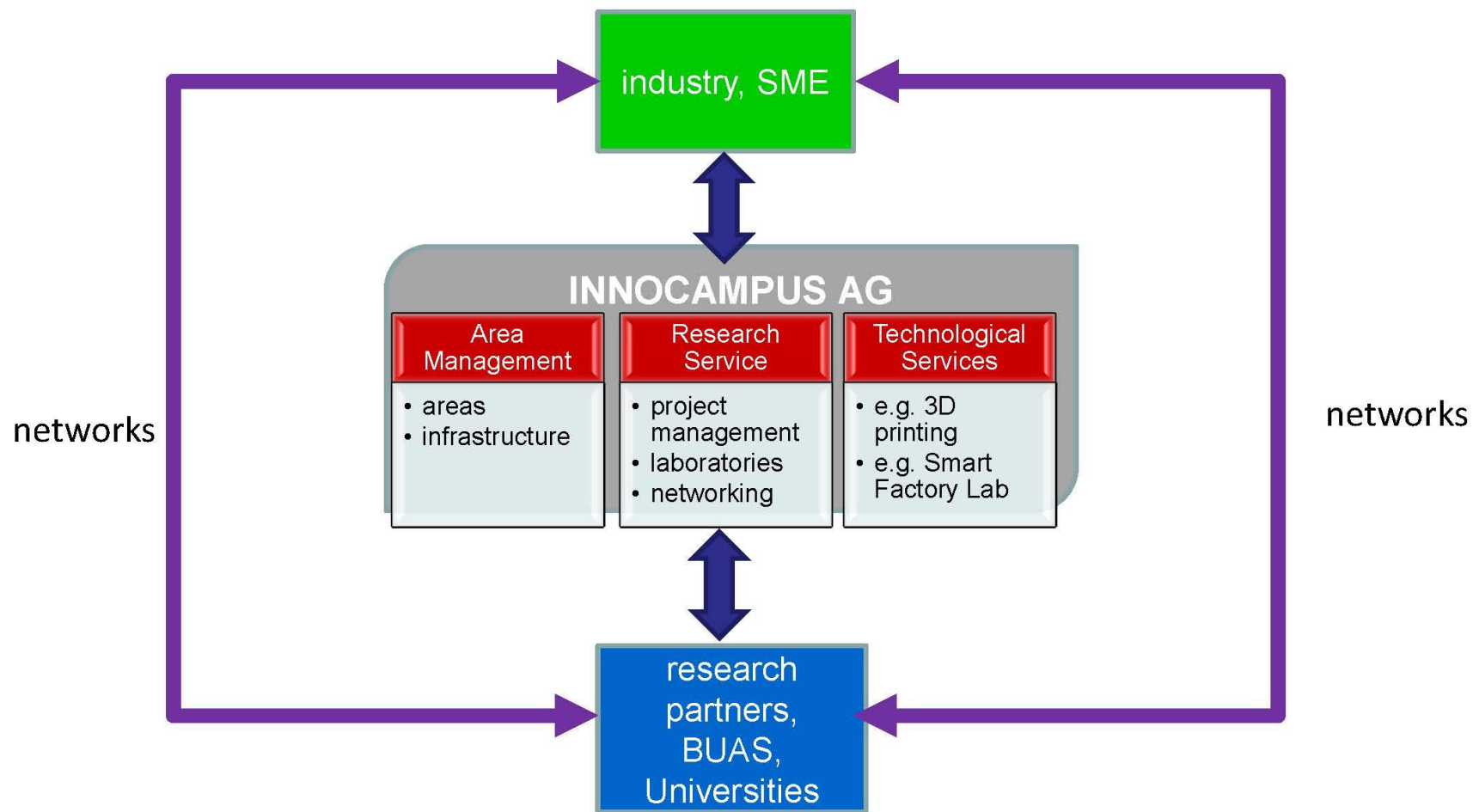
Our strategy ...

With Switzerland Innovation Park Biel/ Bienne we pursue:

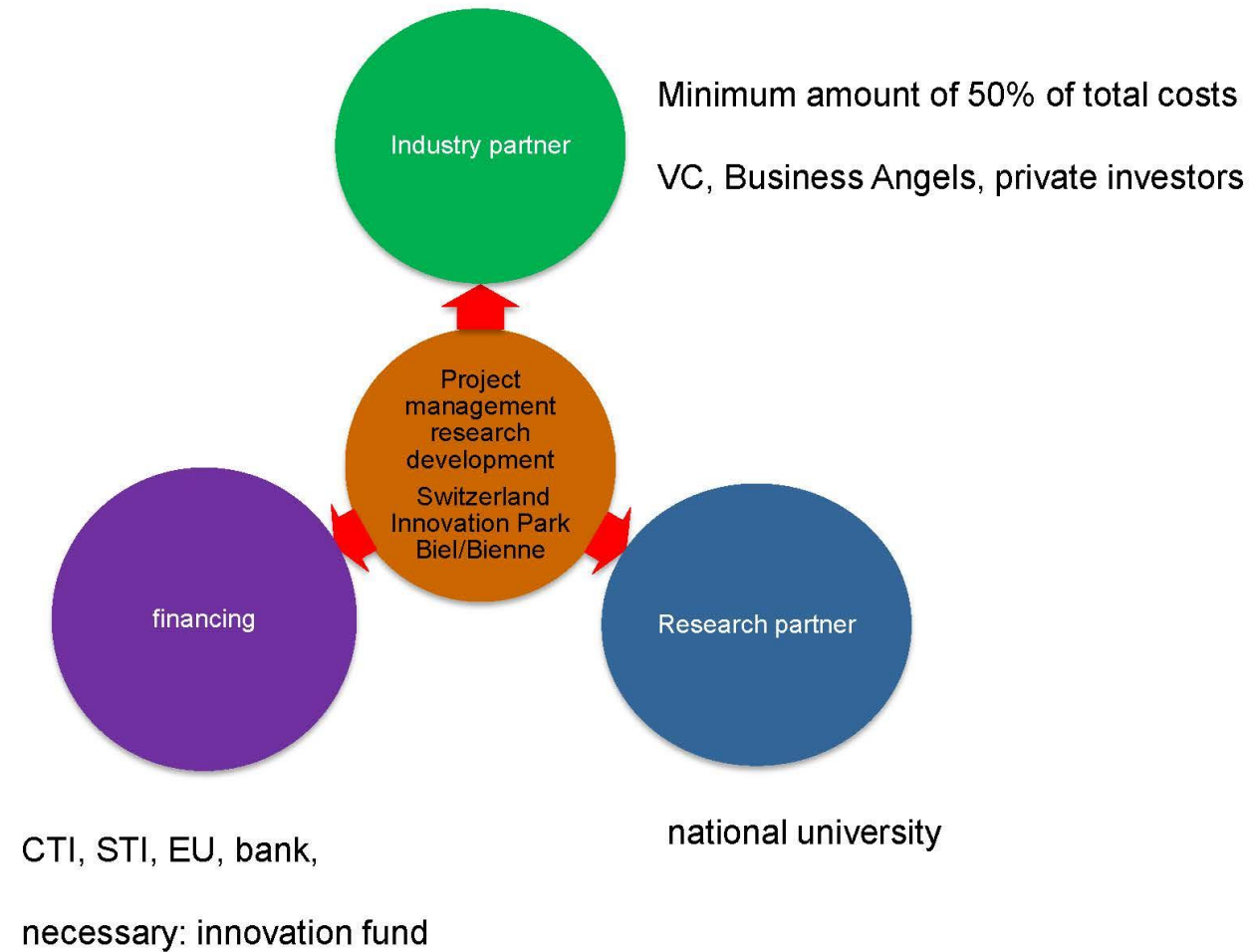
- The generation of a platform for the accelerated implementation of research results into marketable solutions. By platforms we mean the **combination of area reserves, technologies and R&D competences.**
- **R&D co-operations** between companies and universities
- **National and international R&D investments**
- appealing overall conditions for research teams and startups.
- **Maintenance of our attractiveness and competitiveness.**

Ergo: no technopark!

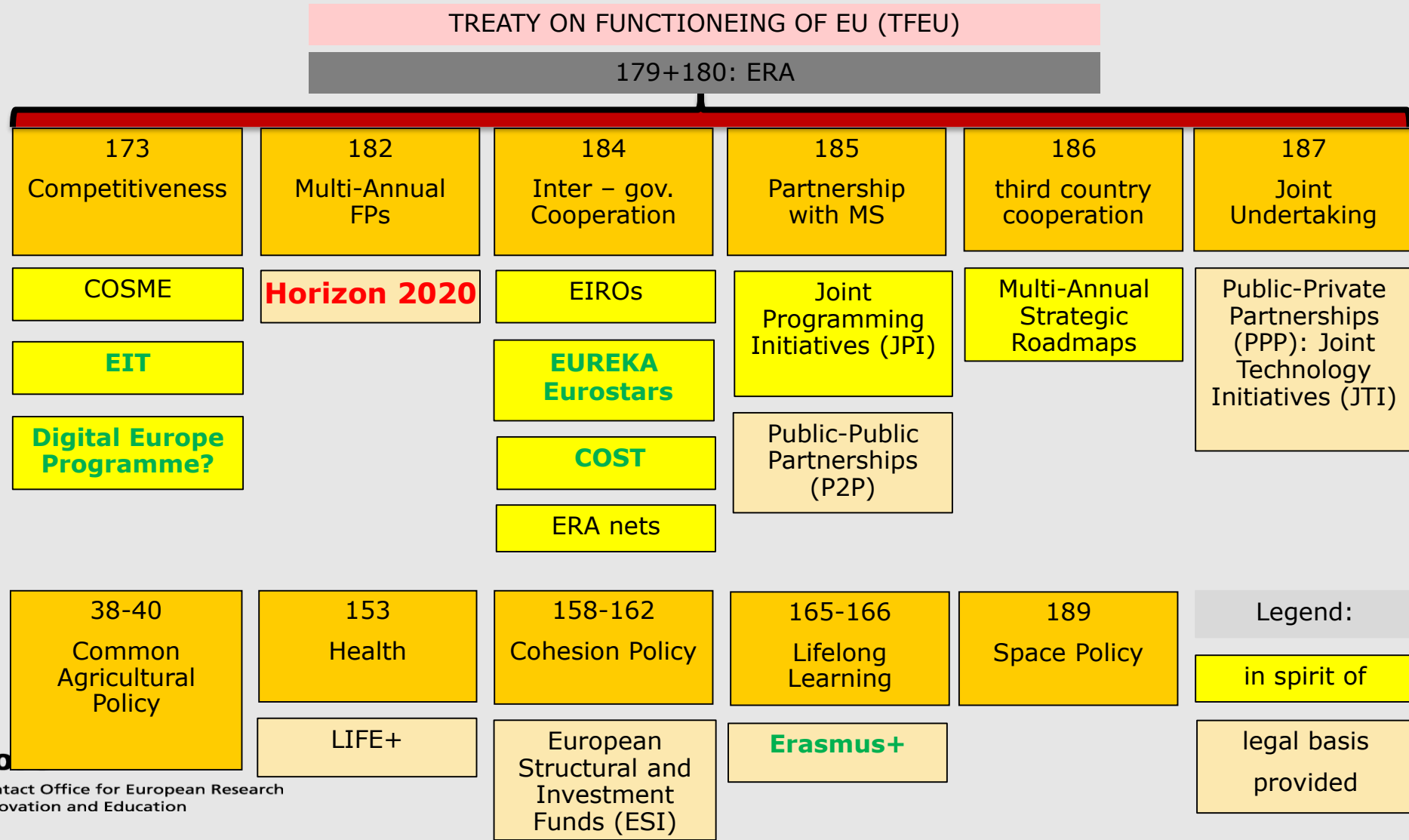
Our mission...



Example for a typical research project in the SIP Biel/ Bienne



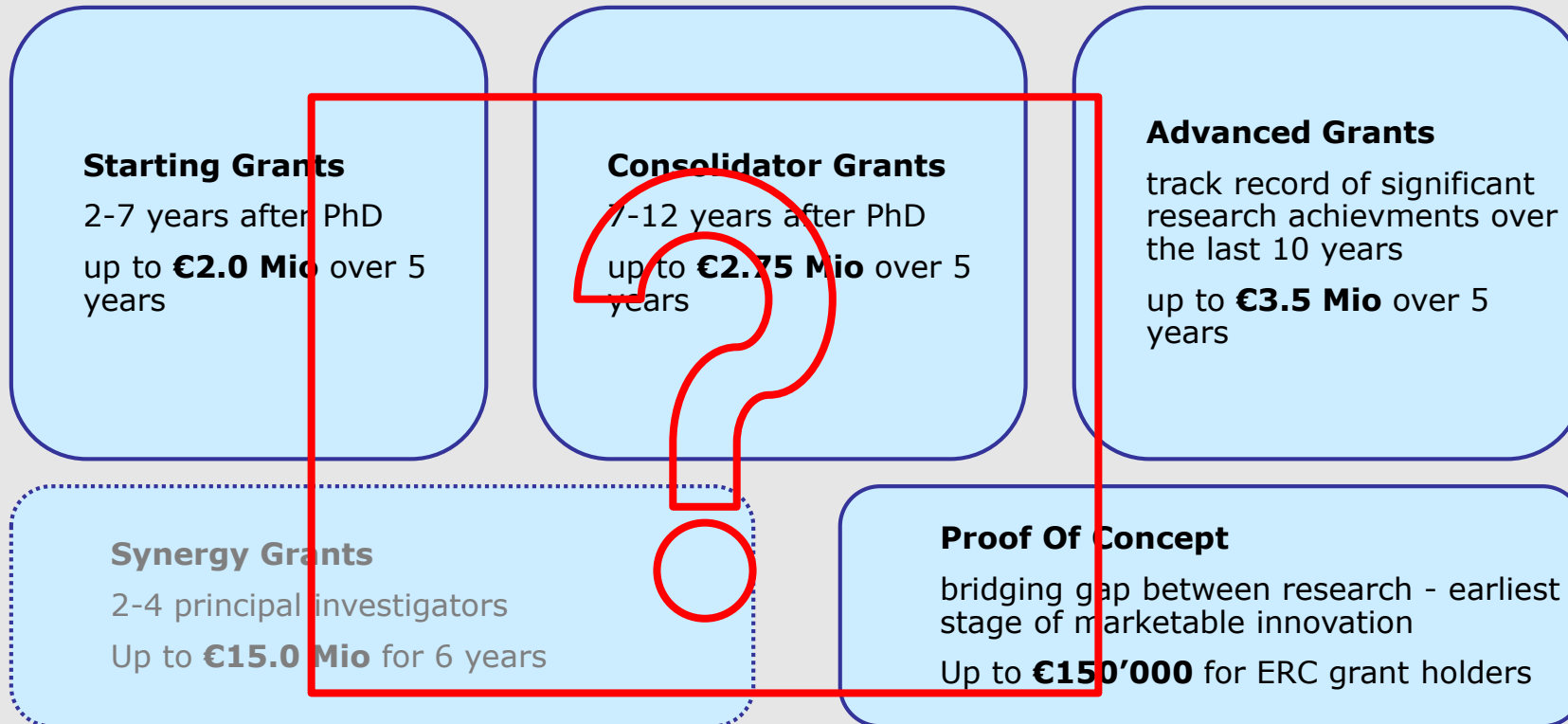
landscape of ERI programmes



Horizon 2020: €88 billion

FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION (HORIZON 2020) (article 173 and 182 TFEU)		
PART (PRIORITY) I EXCELLENT SCIENCE €24.44 bn	PART (PRIORITY) II Industrial Leadership €17.02 bn	PART (PRIORITY) III SOCIETAL CHALLENGES €29.68 bn
European Research Council (ERC) €13.09 bn: 1. Starting Grant (StG) 2. Consolidator Grant (CoG) 3. Advanced Grant (AdG) 4. Proof of Concept (PoC) 5. Synergy Grants (SyG)	Leadership in Enabling and Industrial Technologies €13.6 bn: 1. ICT 2. nanotechnologies 3. advanced materials 4. biotechnology 5. advanced manufacturing and processing 6. space	1. health, demographic change and wellbeing €7.47 bn 2. food security, sustainable agriculture and forestry, marine and maritime and inland water research and bioeconomy €3.85 bn 3. secure, clean and efficient energy €5.93 bn 4. smart, green and integrated transport €6.33 bn 5. climate action, environment, resource efficiency and raw materials €3.08 bn 6. Europe in a changing world – inclusive, innovative and reflective societies €1.31 bn 7. secure societies – protecting freedom and security of Europe and its citizens €1.69 bn
Future Emerging Technologies (FET) €2.70 bn: 1. FET Open 2. FET Proactive 3. FET Flagships	Access to Risk Finance €2.8 bn: 1. Debt Facility 2. Equity Facility 3. Capacity-Building in Technology Transfer	
Marie Skłodowska-Curie Actions (MSCA) €6.16 bn: 1. Initial Training Networks (ITN) 2. Individual Fellowships 3. Research and Innovation Staff Exchange (RISE) 4. COFUND	Innovation in SME €0.62bn	
Research Infrastructures (RI) €2.49 bn: 1. developing European RI for 2020 and beyond 2. fostering innovation potential of RI and their human resources 3. reinforcing European RI policy and international cooperation		
SPECIFIC OBJECTIVE PART IIIa Spreading Excellence and Widening Participation (article 184) €0.82 bn		
SPECIFIC OBJECTIVE PART IIIb Science with and for Society €0.46 bn		
European Institute for Innovation and Technology (EIT) (article 173) €2.71 bn		
CROSSCUTTING ISSUES		
Complementarity with other Union policies and programmes, including COST, European Structural and Investment Funds (ESI), Common Agricultural Policy, Programme for the Competitiveness of Enterprises and SMEs (COSME), Erasmus+ and Life+		
Complementarity to 185-Joint Programming Initiatives and 187-Joint Undertakings		
Synergies with the European Structural and Investment Funds (ESI)		

H2020 ERC



H2020 MSCA

Innovative Training Networks

Early Stage Researchers

- European Training Networks
- European Industrial Doctorates
- European Joint Doctorates

Individual Fellowships

Experienced Researchers (PhD or 4 years of experience)

- European Fellowships
- Global Fellowships

Research and Innovation Staff Exchange

Exchange of staff

COFUND

Cofunding of regional, national and international programmes

Researchers Night

H2020 societal challenges

tackle global and societal challenges
address political priorities of the EU
inter-sectoral and multidisciplinary collaborative research

Challenge	€ billion
health, demographic change and wellbeing	7.472
food security, sustainable agriculture and forestry, marine and maritime and inland water research and bioeconomy	3.851
secure, clean and efficient energy	5.931
smart, green and integrated transport	6.339
climate action, resource efficiency and raw materials	3.081
Europe in a changing world – inclusive, innovative and reflective societies	1.309
secure societies – protecting freedom and security of Europe and its citizen	1.695

evaluation criteria

- Excellence**
1. Clarity and pertinence of the objectives
 2. Soundness of the concept
 3. Innovation potential
 4. Credibility

- Impact**
1. Impacts listed in the work programme
 2. Integration of new knowledge
 3. Strengthening the competitiveness of the European economy
 4. Exploitation and dissemination of results (including management of IPR)

- Implementation**
1. Coherence and effectiveness of the work plan
 2. Complementarity of the participants within the consortium
 3. Appropriateness of the management structures and procedures

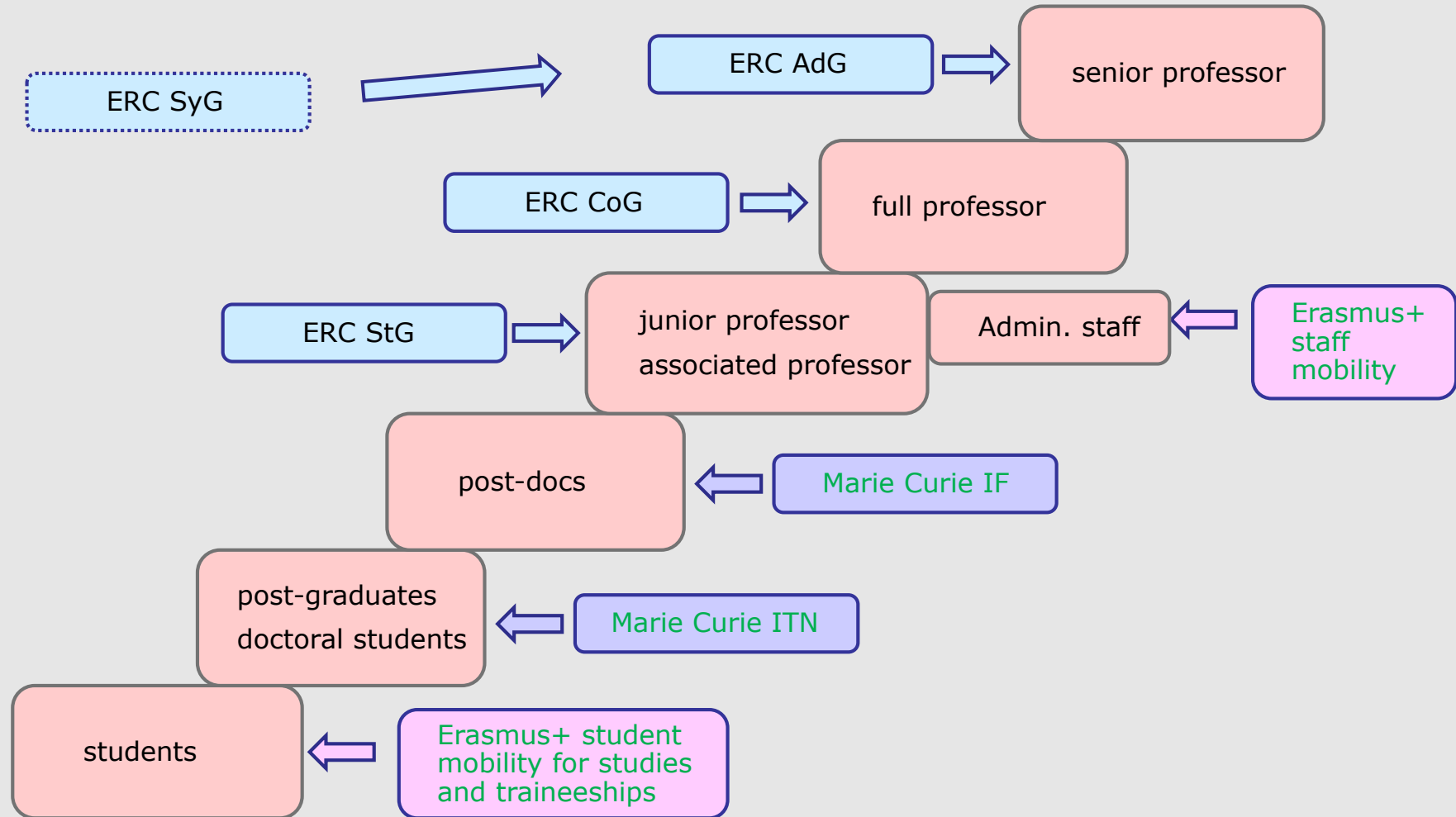
Erasmus+: €14 billion

Erasmus+ Higher Education Actions						
		Key Action 1 'Learning mobility of individuals'		Key Action 2 'Cooperation for innovation and the exchange of good practice'		Key Action 3 'Policy support'
		Decentralised	Centralised	Decentralised	Centralised	Centralised
Erasmus		-staff mobility -student mobility	-Student Loan Guarantee Facility -Joint and double Masters	-Strategic Partnerships	-Knowledge Alliances	-5 types of actions (top-down)
	Erasmus Mundus	-international staff mobility -international student mobility			-Capacity building	

E+ Strategic Partnerships (SP)

- sectoral and cross-sectoral cooperation between organisation active in almost any education sector (HE, VET, school, adult education, youth), as well as from other socio-economic sectors (e.g. NGO)
- possible activities: joint curricula and study programmes, new forms of pedagogical learning, exchange of experiences and good practices + long and short term mobilities
- can last 2 to 3 years with a maximum funding amount of €450'000 for a 3-year project
- at least 3 organisations from at least 3 programme countries

academic career ladder



COST

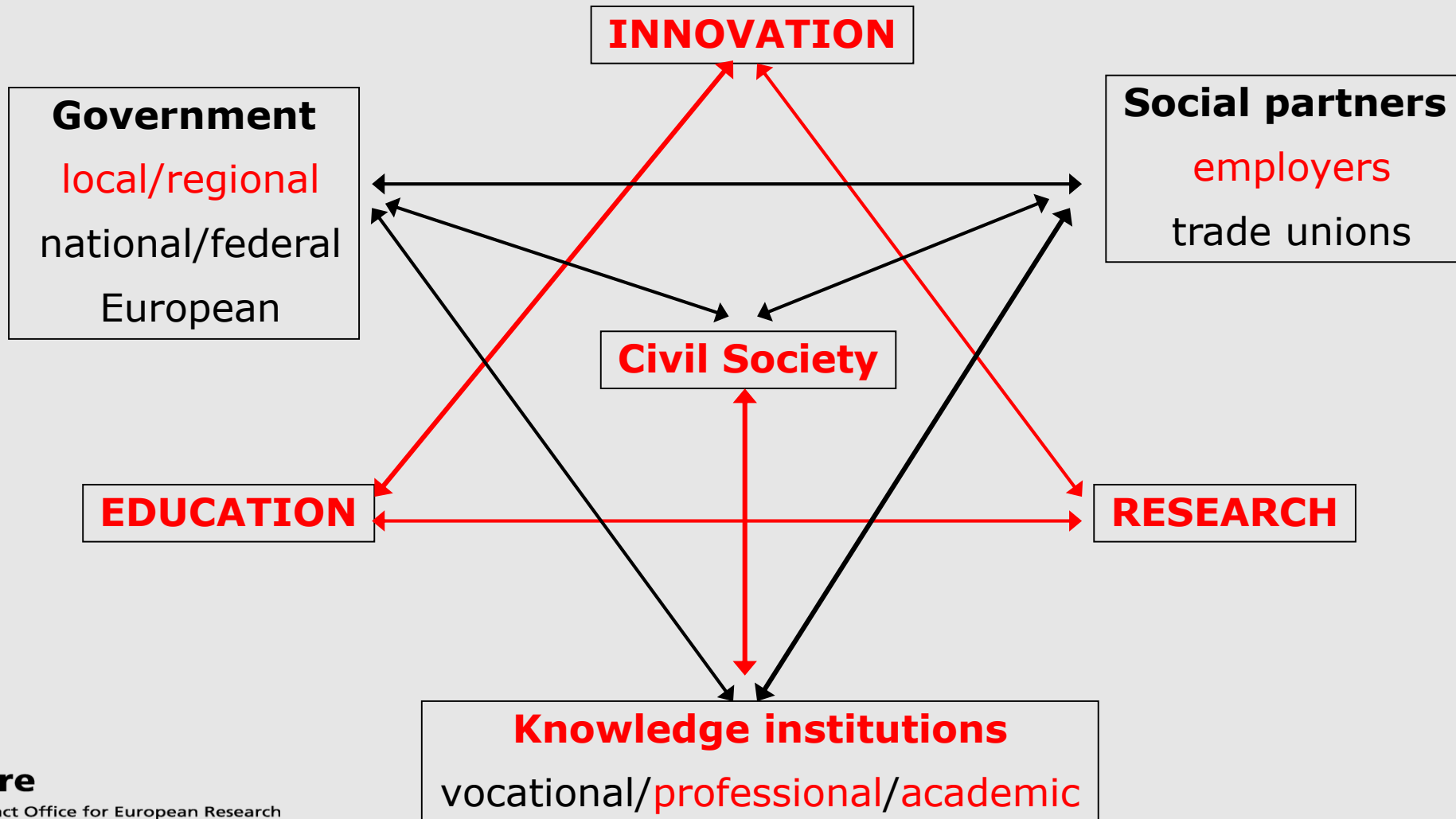
COST Actions are a flexible, fast, effective and efficient networking instrument for researchers, engineers and scholars to cooperate and coordinate nationally funded research activities. COST Actions allow European researchers to jointly develop their own ideas in any science and technology field.



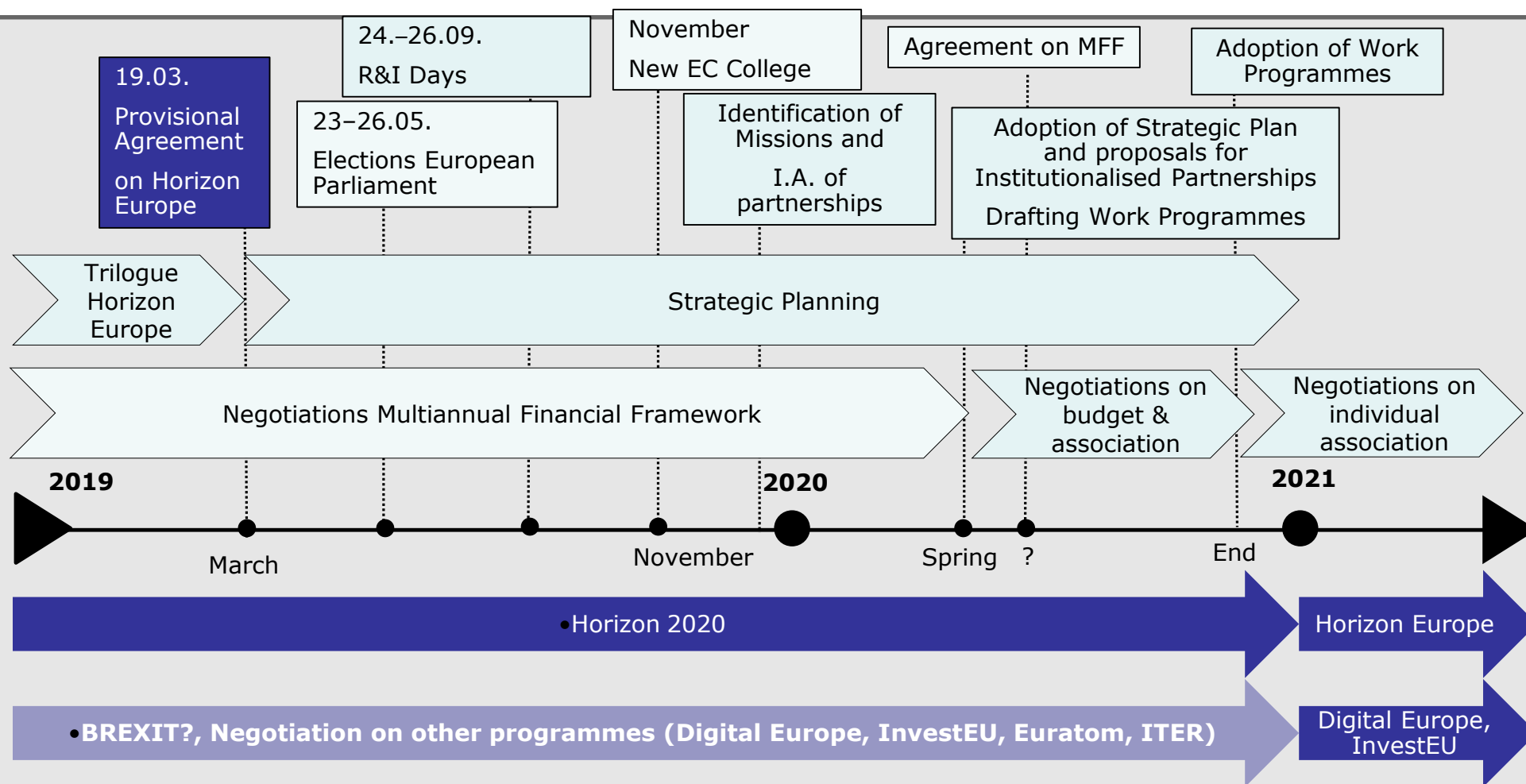
GATEWAYS to the European Programmes

- Build up from the institutional level
 - Specialization? Network-building? Profile-building? Research support infrastructure? Fix incentives?
- To the regional level
 - Smart specialization strategies? Regional funds? Networks with industry and Research institutions?
- To the national level
 - Profiling importance of UAS to national competitiveness and R&I strategy? Applied research support? Internationalization support?
- To the European level
 - Find the easiest entry-point! Bilateral agreements? COST? MSCA? Erasmus+? Eurostars? European Universities? EIT? Digital Europe Programme?
 - Get involved in policy making! Apply as evaluation expert? Join expert groups? Working groups in IGLO or UAS4Europe or Eurashe? Input to strategic planning?

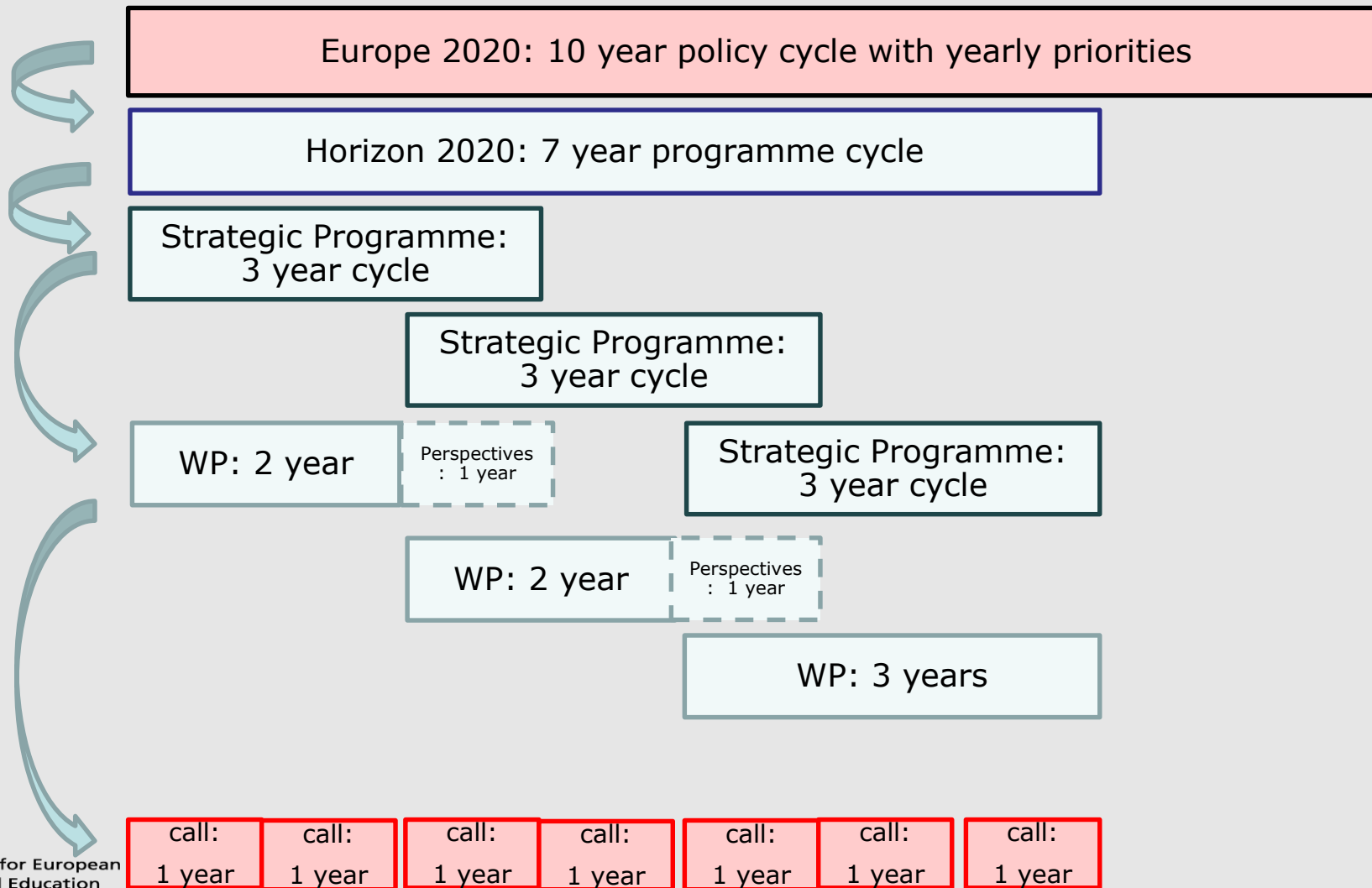
3. positioning UAS in Europe: branding



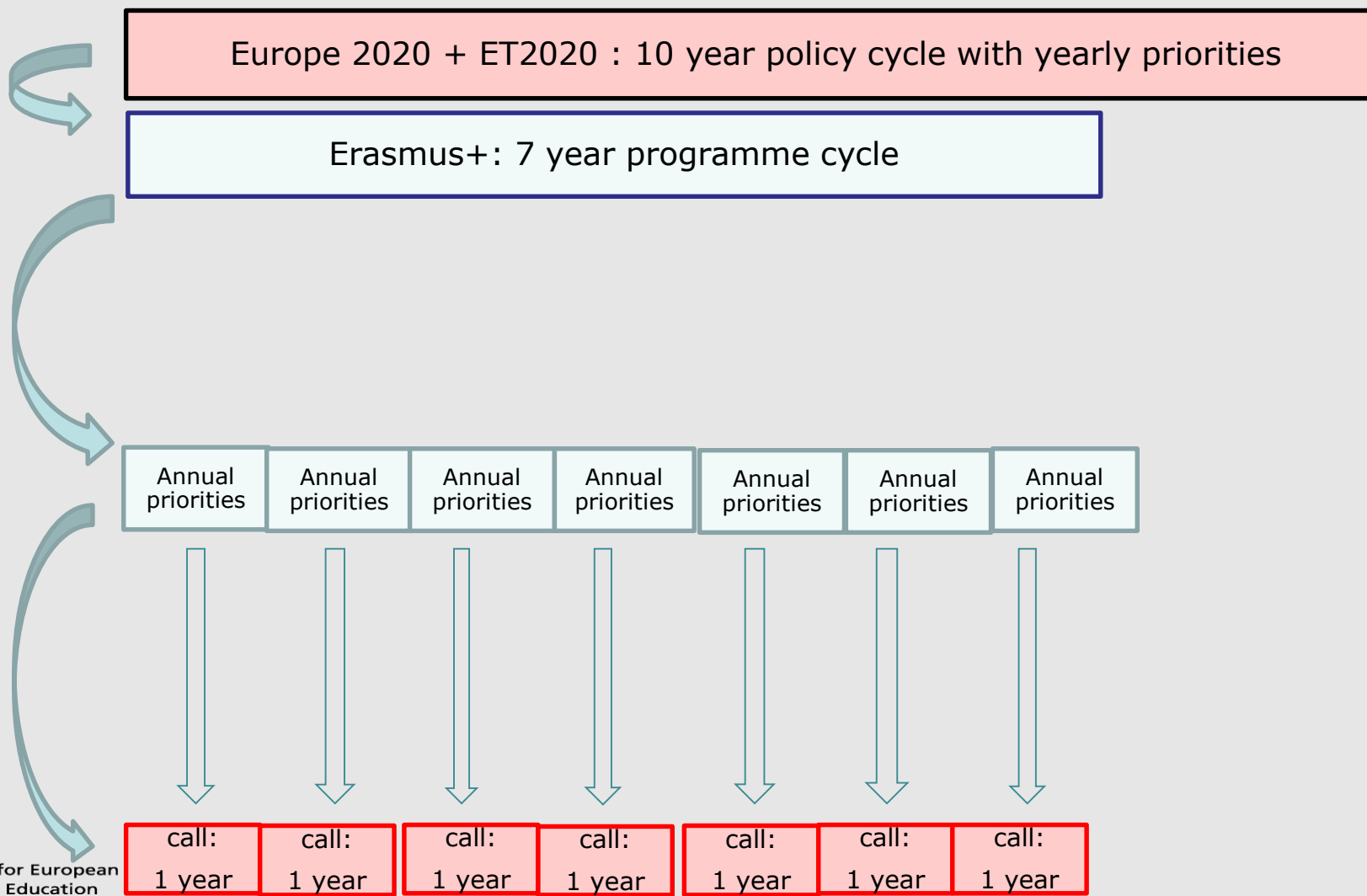
3. positioning UAS : lobbying points



programme cycle Horizon 2020



programme cycle Erasmus+



4. follow-up and discussion



Thank you for your attention

Questions? Discussion!

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Coffee/tea break

We will start again at 11.15



Access to EU Research Funding for
Universities of Applied Sciences
19-20 November 2019

Future for Horizon Europe: SDG's in the next Framework Programmes

Otto Bruun

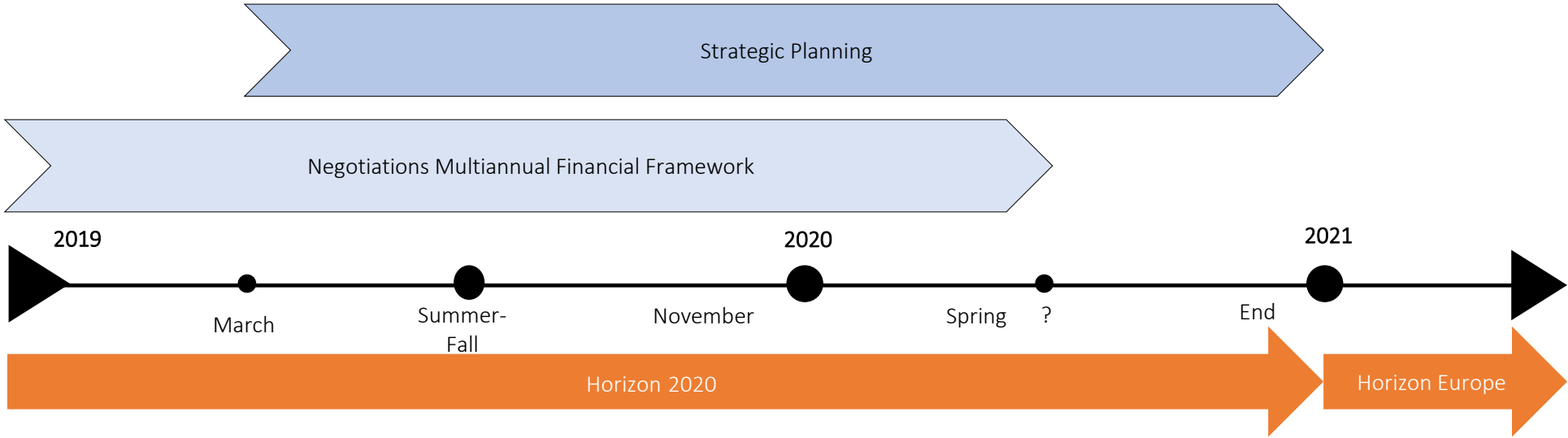
European Advisor for Innovation, SwissCore



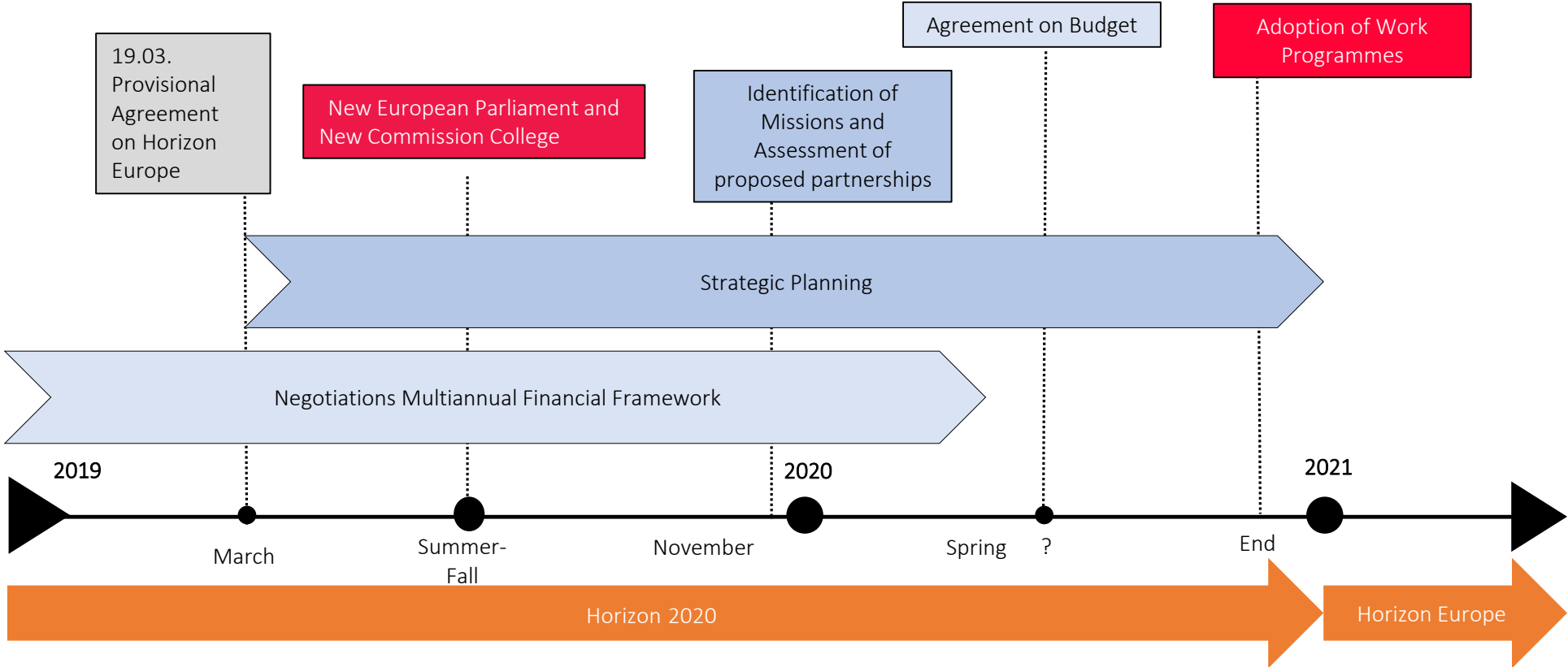
Towards Horizon Europe



Towards Horizon Europe.



Towards Horizon Europe.



What's new?

Open Science:

- Results shall be published by default in open access journals
- Stronger open data policy
- Partnerships & Missions:
 - Rationalisation of partnership landscape
 - Mission-based approach to increase outreach to citizens
- Support for disruptive innovation through all stages including scaling up
 - New unified institution for disruptive innovation: European Innovation Council
 - Cornerstone equity investments by EIC Fund managed by EIB in addition to grant of up to €2.5m

Horizon Europe (2021-2027).

Pillar I		Pillar II		Pillar III	
Excellent Science €25.8 bn		Global Challenges and European Industrial Competitiveness €52.7 bn		Innovative Europe €13.5 bn	
European Research Council €16.6 bn	Research Infra-structures €2.4 bn	Civil Security for Society Culture, Creativity and Inclusive Society Digital, Industry and Space Joint Research Centre	Health Climate, Energy and Mobility Food, Bioeconomy, Natural Resources, Agriculture and Environment	European Innovation Council €10 bn	
Marie Skłodowska-Curie Actions €6.8 bn				European Institute of Innovation and Technology €3 bn	European Innovation Ecosystems €0.5 bn
Widening Participation and Strengthening the European Research Area					
Widening Participation and Spreading Excellence at least 3.3%			Reforming and Enhancing the European R&I-System €0.4 bn		

Excellent Science.



**European Research
Council**



Marie Skłodowska-Curie Actions (MSCA)

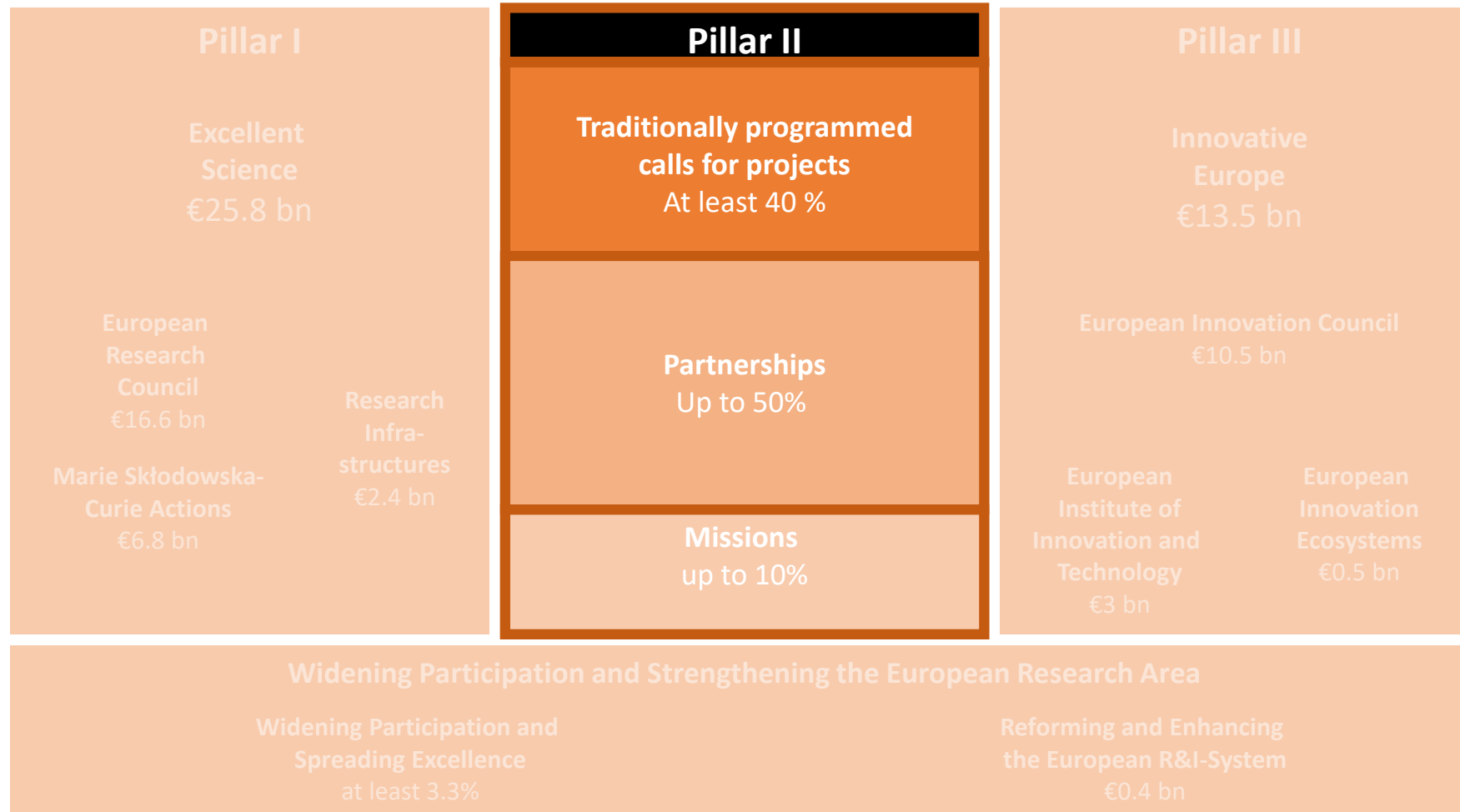


Research Infrastructures

Horizon Europe (2021-2027).

Pillar I		Pillar II		Pillar III	
Excellent Science €25.8 bn		Global Challenges and European Industrial Competitiveness €52.7 bn		Innovative Europe €13.5 bn	
European Research Council €16.6 bn	Research Infra-structures €2.4 bn	Civil Security for Society Culture, Creativity and Inclusive Society Digital, Industry and Space Joint Research Centre	Health Climate, Energy and Mobility Food, Bioeconomy, Natural Resources, Agriculture and Environment	European Innovation Council €10.5 bn	
Marie Skłodowska-Curie Actions €6.8 bn				European Institute of Innovation and Technology €3 bn	European Innovation Ecosystems €0.5 bn
Widening Participation and Strengthening the European Research Area					
Widening Participation and Spreading Excellence at least 3.3%			Reforming and Enhancing the European R&I-System €0.4 bn		

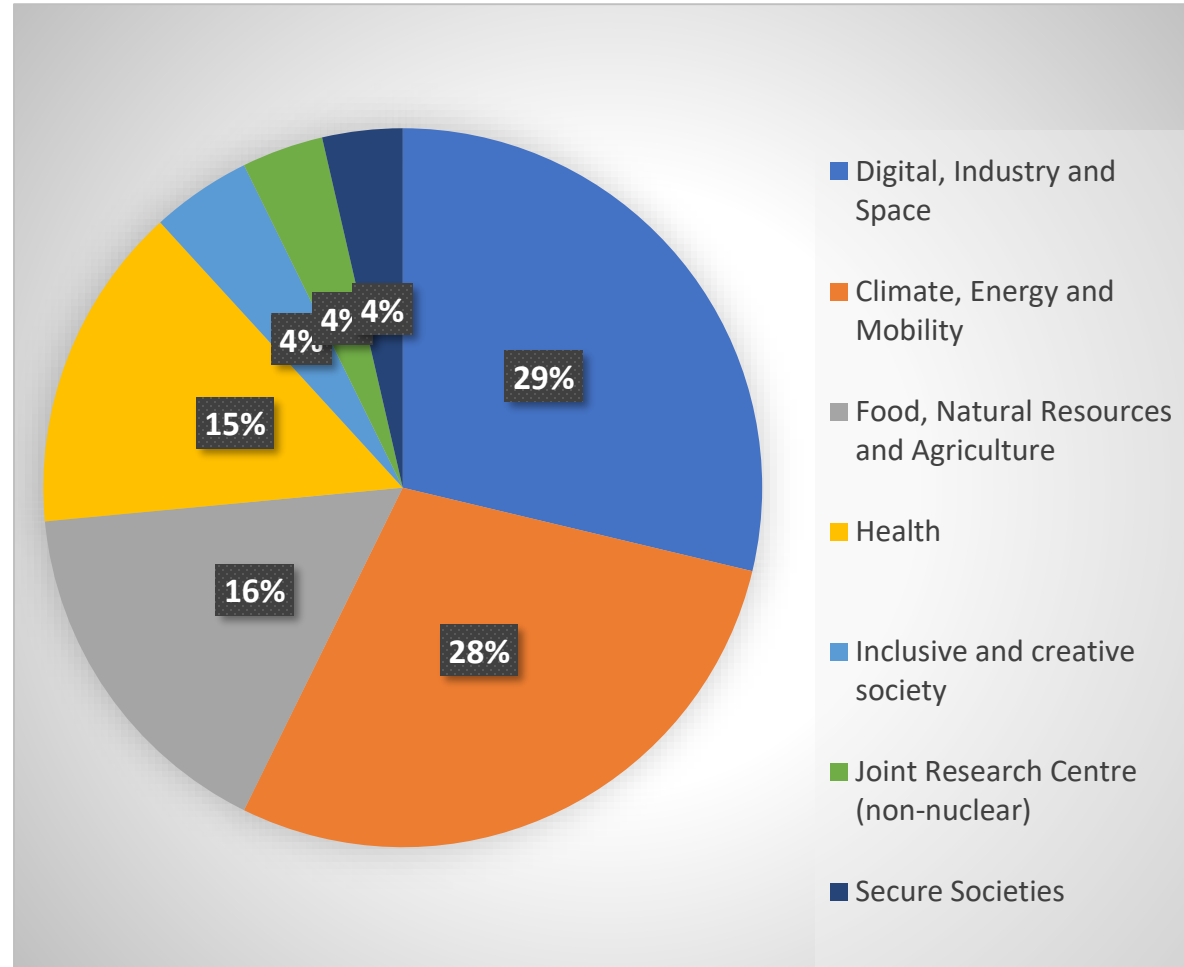
Horizon Europe (2021-2027) Budget Division.



Global Challenges & European Industrial Competitiveness

Clusters	Areas of Intervention (Implemented through usual calls, missions & partnerships)
Health	Health throughout the life course; Environmental and social health determinants; Non-communicable and rare diseases; Infectious diseases, including poverty-related and neglected diseases; Tools, technologies and digital solutions for health and care, including personalised medicine; Health care systems.
Culture, creativity and inclusive society	Democracy and governance; Culture, cultural heritage and creativity; Social and economic transformations.
Civil Security for Society	Disaster-resilient societies; Protection and security; Cybersecurity.
Digital, Industry and Space	Manufacturing technologies; Key digital technologies, including quantum technologies; Emerging enabling technologies; Advanced materials; Artificial intelligence and robotics; Next generation internet; Advanced computing and Big Data; Circular industries; Low carbon and clean industries; Space, including earth observation.
Climate, Energy and Mobility	Climate science and solutions; Energy supply; Energy systems and grids; Buildings and industrial facilities in energy transition; Communities and cities; Industrial competitiveness in transport; clean, safe and accessible transport and mobility; Smart mobility; Energy storage.
Food, Bioeconomy, Natural Resources, Agriculture and Environment	Environmental observation; Biodiversity and natural resources; Agriculture, forestry and rural areas; Seas, oceans and inland waters; Food systems; Bio-based innovation systems in the EU bioeconomy; Circular systems.
Joint Research Centre	support to the functioning of the internal market and the economic governance of the Union; support to Member States with implementation of legislation and development of smart specialisation strategies; analytical tools and methods for policy making; knowledge management; knowledge and technology transfer; support to science for policy platforms.

Global Challenges & European Industrial Competitiveness - Budget Division



R&I Missions.

R&I Missions

Connecting to citizens: Missions will relate EU's research and innovation to society and citizens' needs, with strong visibility and impact

A mission will consist of a portfolio of actions intended to achieve **a bold and inspirational as well as measurable goal** within a set timeframe, with impact for science and technology, society and citizens that goes beyond individual actions.

Horizon Europe proposal defines mission characteristics and criteria

Specific missions will be **co-designed with Member States, stakeholders and citizens** and programmed within the Global Challenges and Industrial Competitiveness pillar (drawing on inputs from other pillars)

R&I Mission Areas.



1. Adaptation to Climate Change including Societal Transformation



2. Cancer



3. Healthy Oceans, Seas, Coastal and Inland Waters



4. Climate-Neutral and Smart Cities



5. Soil Health and Food

Mission Governance

- **Mission boards:** 15 prominent experts charged with the proposition of concrete candidate missions until end 2019 (members announced on 30 July). Swiss member for the Cities mission: **Bertrand Piccard**
 - **Mission assemblies:** up to 30 experts per area to support the work of the mission boards, support citizens engagement work and receive targeted questions. One meeting with mission boards in January 2020.
 - **Experts from member states:** nominated by Shadow Programme Committee Strategic Configuration, 1 expert per country per mission area (involvement of member states and decision making on proposed missions with European Commission)
- > **Missions will be identified in the Strategic Plan in early 2020**

European Partnerships.

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

Key features

- **Simple architecture and toolbox**
- **Coherent life-cycle approach**
- **Strategic orientation**

Co-programmed

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

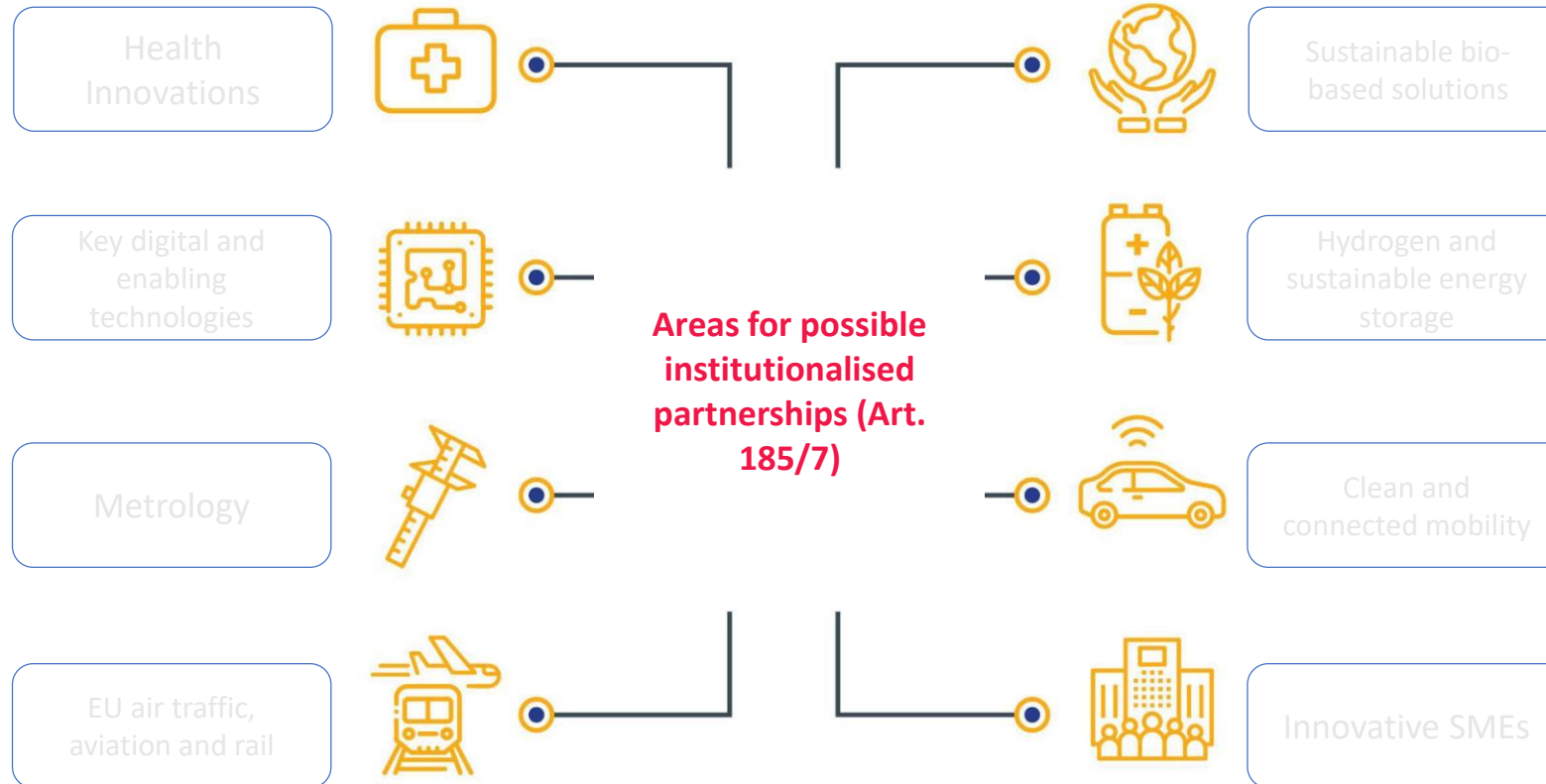
Co-funded

Based on a single joint programme agreed by partners; commitment of partners for financial and in-kind contributions & financial contribution by HEU, can go beyond HEU funds

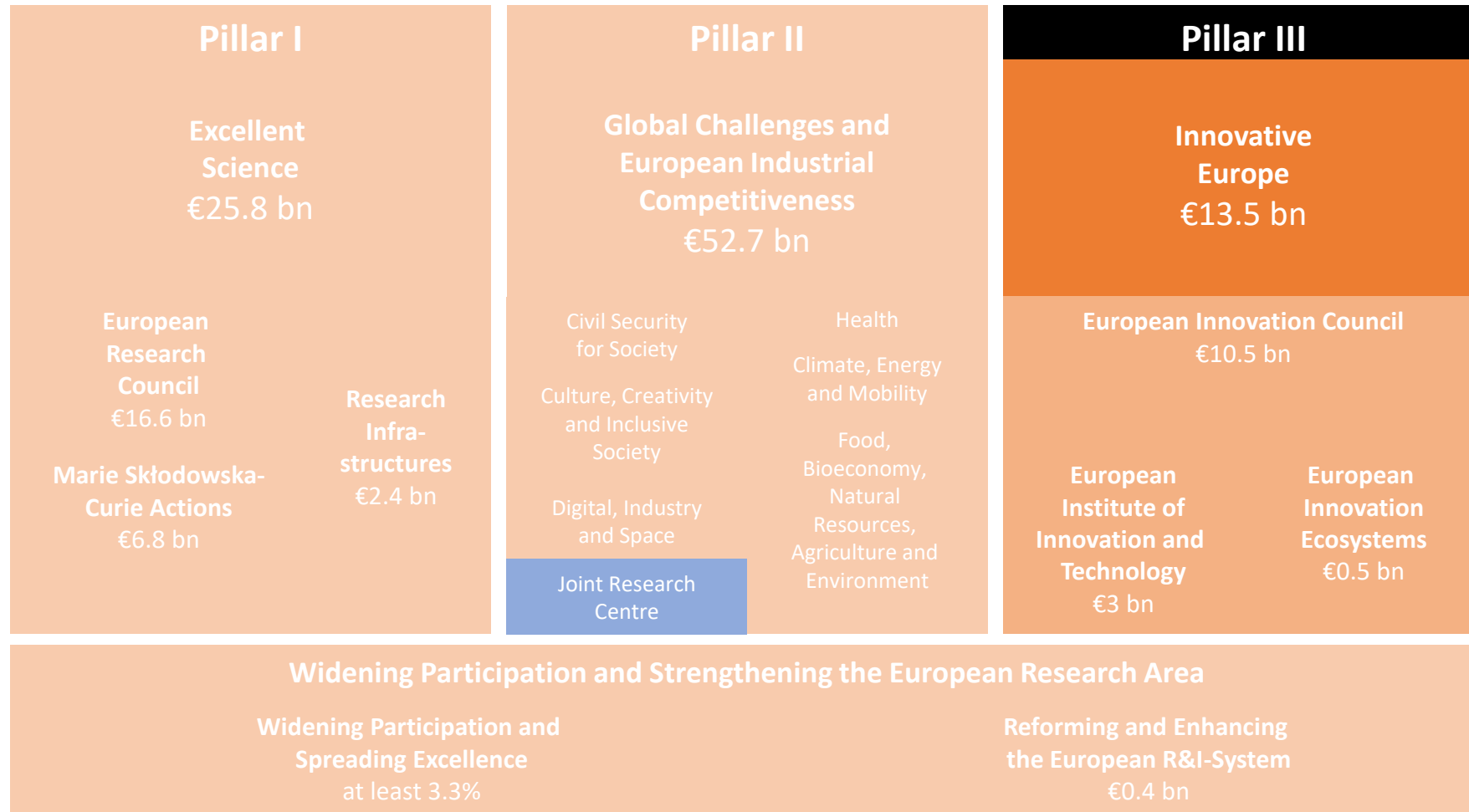
Institutionalised

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

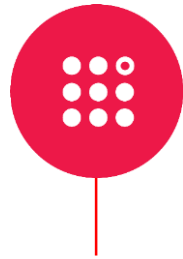
Areas for Institutionalised Partnerships.



Horizon Europe (2021-2027).



Innovative Europe.



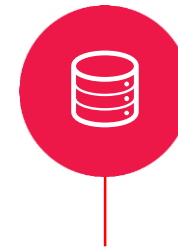
European Innovation Council (EIC)

- **The Pathfinder:** Funding for early stage development (both monobeneficiary and consortia)
- **The Accelerator:** grants and equity for scale-ups (mono-beneficiary)
- Additional activities of the EIC (fellowships, prizes)



European Innovation Ecosystems

- EIC Forum of innovation agencies
- Co-fund activities
- Eureka Eurostars
- Sharing best practices
- Citizen and gender science
- Supporting international cooperation



EIT

- Sustainable innovation ecosystems across Europe
- Entrepreneurial and innovation skills in a LLL perspective and the entrepreneurial transformation of EU universities
- New solutions to the market
- New additional KICs including one on cultural and creative industries (due to start 2022)

European Innovation Council.



The Pathfinder: €3bn

- Supporting researchers, innovators and innovative companies with ideas relating to future and emerging breakthrough technologies
- From proof of concept to prototypes for technology validation
- Programme managers
- Business acceleration services
- Transition activities



The Accelerator: €7bn

- Grants and Equity funding for scaling up disruptive innovation
- From TRL 6 to 9
- Grant-only funding will be available (€3bn earmarked)
- Equity-only funding will be available for companies who have already received grants (eg. SME instrument)
- Candidates for equity will undergo “market test” to crowd in private capital.

European Innovation Council.

Swiss success stories in the current pilot of the European Innovation Council:

2018: Swiss companies constitute 93 of the 1350 beneficiaries of SME instrument phase 1 (€ 50'000 award for feasibility study)

- **6.8% of total SME phase 1 beneficiaries**

2018: Swiss companies constitute 2 of the 5 EU Innovation Radar prize winners

2019: Swiss companies constitute 9 Of 137 final interviewees of SME instrument phase 2 (late stage development grants €500k - € 2.5 m) in February and 12 of 174 finalists in May.

- **6.9% of total SME phase 2 and growing (interview stage)**



The Accelerator: €7bn

- Grants and Equity funding for scaling up disruptive innovation
- From TRL 6 to 9
- Grant-only funding will be available (€3bn earmarked)
- Equity-only funding will be available for companies who have already received grants (eg. SME instrument)
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An aerial photograph of a rugged, mountainous landscape. The terrain is covered in dense green vegetation, with several large, deep blue lakes scattered throughout. The mountains are steep and rocky, with some areas appearing more barren. The overall scene is a mix of natural beauty and ruggedness.

The Digital Europe Programme (DEP)



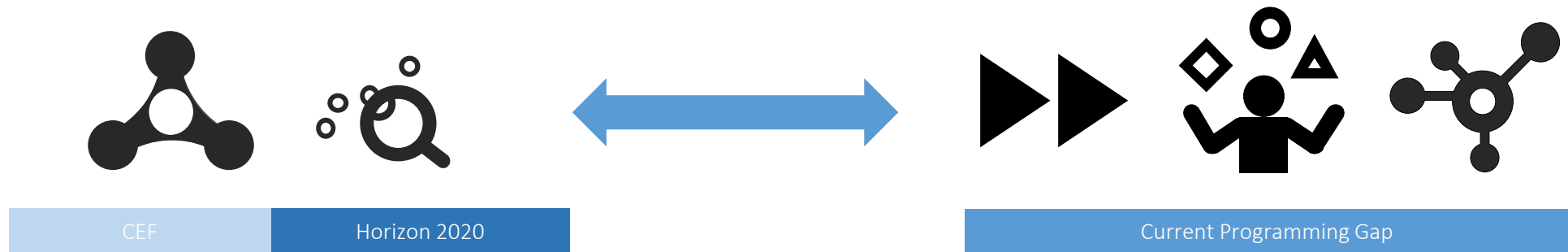
Digital Europe – the rationale.



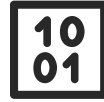
General Objective of the Programme:



- “To support the digital transformation of industry and to foster better exploitation of the industrial potential of policies of innovation, research and technological development, for the benefit of businesses and citizens all over the Union, structured into five specific objectives”

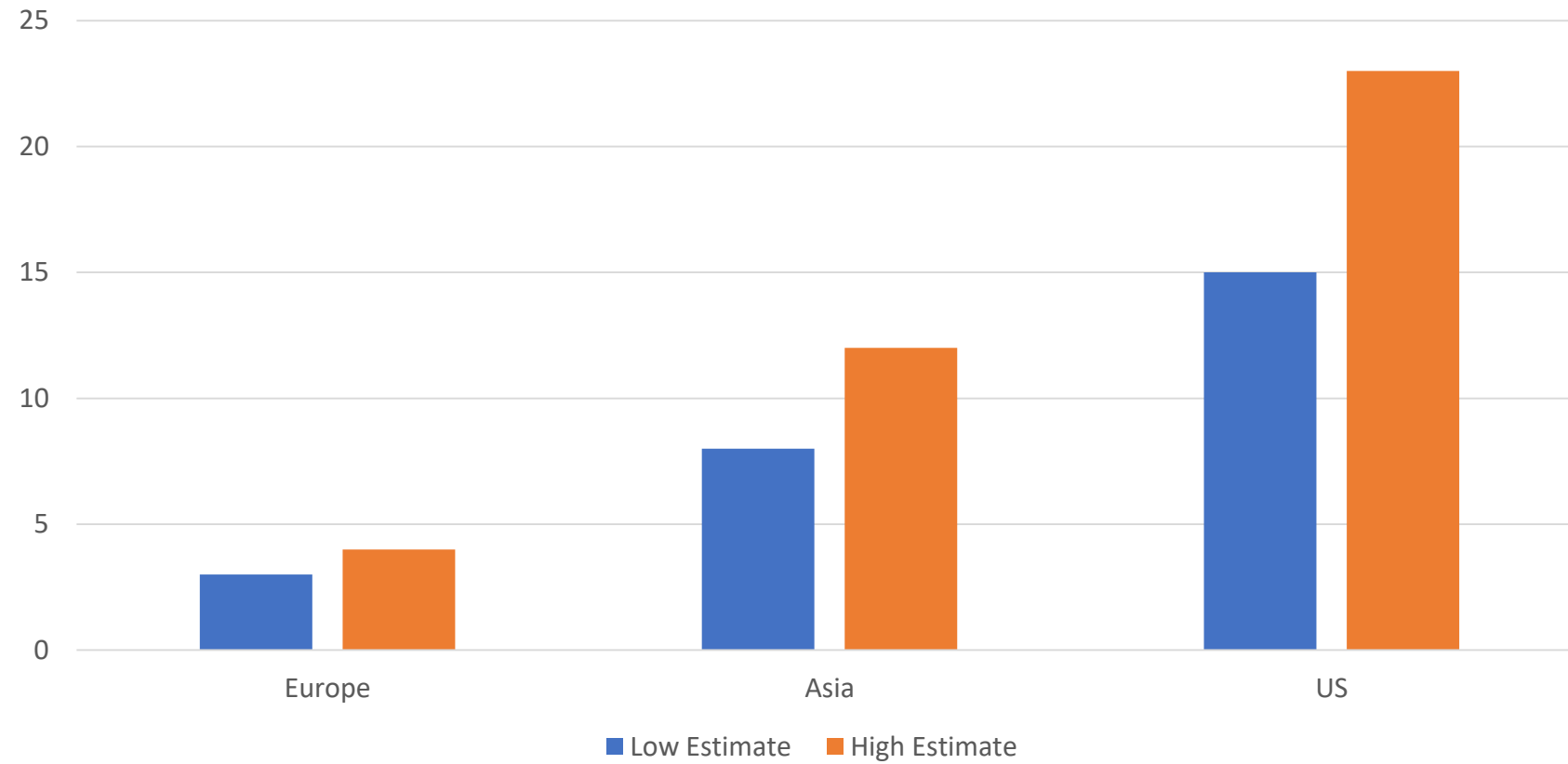


Digital Single Market.

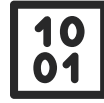


- One among top 10 priorities, 30 legislative initiatives since 2015
- Facilitate access for consumers and businesses to digital goods and services;
- Create a level playing field across Europe to create the right framework conditions to stimulate innovation;
- Maximise the growth potential of the digital economy.

Investment in AI (2016).



Digital Europe – the rationale.



>35% of top-cited publications

pioneering in fields like AI, 5G



digital divide across the EU

striking investment gap

low uptake of digital technologies in
public sector

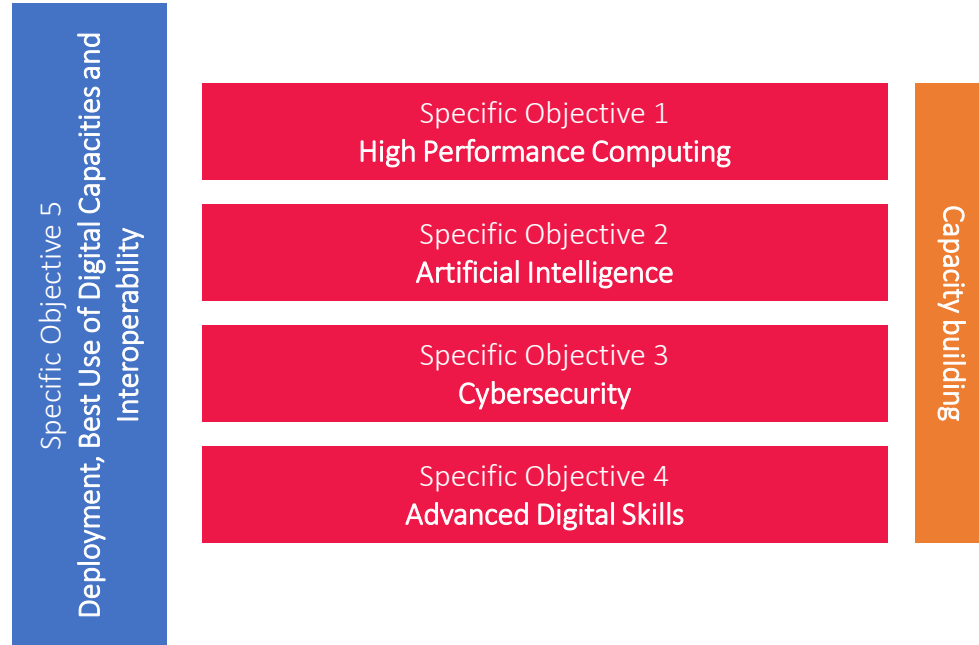
low private investment in R&D
(especially in ICT sector)

low digitisation of companies

pronounced skills gap

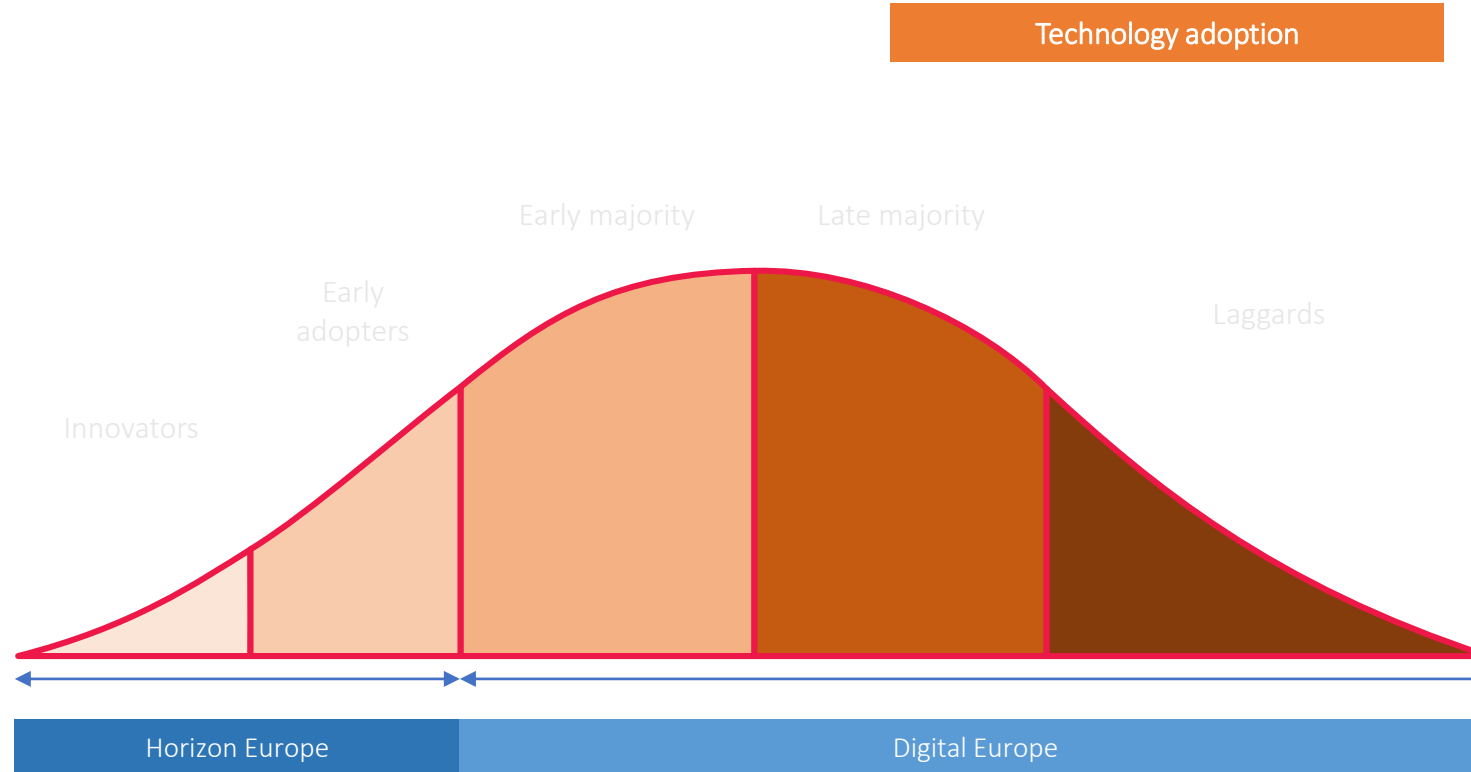
The five specific objectives.

10
01



Digital Europe – the rationale.

10
01



- Horizon Europe focuses on innovative SMEs developing new products
- Digital Europe should foster wide uptake of digital technologies

The five specific objectives.

10
01



High Performance Computing (HPC)

- Institutionalised Partnership (CH to be a member)
- Building up supercomputing infrastructure



€2.7 bn



Artificial Intelligence (AI)

- Direct management (mainly joint procurement & grants)
- Data resources and libraries, large experimentation facilities



€2.5 bn



Cybersecurity

- Institutionalised Partnership (only EU states)
- Advanced cybersecurity equipment and data infrastructure



€2.0 bn



Advanced Digital Skills

- Digital Innovation Hubs
- HPC, AI, Cybersecurity, Big Data, Distributed ledger, Robotics



€0.7 bn



Deployment, best use of digital capacities and interoperability

- Digital Innovation Hubs; digitisation of administration and industry



€1.3 bn

Level

Digital Europe: Level of ambition

High Performance Computing

- Two exascale machines by 2022-2023
- One post-exascale machine by 2027
- Hybrid HPC-Quantum infrastructure by 2027

Cybersecurity

- By 2022: at least one cybersecurity competence centre per Member State
- By 2025: encryption techniques that can resist quantum computing

Advanced Digital Skills

- Increase ICT specialist employment from 8.2 million in 2016 to at least 12.3 million in 2027
- Increase growth rate of ICT specialists from 3.3% (2007-2016) to 4.3% (2016-2027) p.a.

Digital Innovation Hubs

- 270 Hubs across the EU
- 90 experiments per hub
- Reaching ~42000 SMEs

Modernisation of Public Administration

- By 2030: 450 million citizens and 24 million SMEs benefit from 'once only principle' for their administrative information

Digital Health

- By 2022: 1 million of sequenced genomes
- By 2027: 450 million citizens have access to health records and 100 million citizens have digital tools and services to improve the management of their health condition
- Data from 10 million citizens available for new discoveries

Advanced Digital Skills.



Currently:

- Digital Skills and Jobs Coalition under New Skills Agenda for Europe
- Skills divide and lack of highly-trained professionals (1 million vacancies)
- First pilot actions (Digital Opportunity Traineeship)

Under DEP

- Long-term trainings (Master's, PhD)
- On-the-job trainings and traineeships
- Short-term trainings and courses

Deployment, best use of digital capacities and interoperability.



Currently:

- Low uptake of digital technologies in European industry and administrations
- Digitising European Industry Initiative
- Tallinn Summit in 2017, defining priorities and declaration on e-Government

Under DEP

- Two rather separate parts:
 - digitising the public sector and areas of public interest
 - digitising industry
- European Digital Innovation Hubs (supported by grants) playing a key role in implementation

Digital Innovation Hubs.



28 National HPC Competence Centres
28 National Coordination Centres for
Cybersecurity
4-8 AI Reference Sites

250+ European Digital Innovation Hubs

Specialised in their topic

Generalists in their topic with a strong outreach
to SMEs

Providing products/services that can be further
disseminated by the DIH

Helping SMEs to apply the products/services
according to the needs of the SME

Disseminating latest knowledge to DIHs
through regular "train the trainer" programmes

Going back to the specialist centres if they are
not able to help the SME

Thank you.



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Widening Participation and Strengthening the European Research Area.



Widening Participation and Spreading Excellence

- Teaming
- Twinning
- ERA Chairs
- Excellence Initiatives
- COST



Reforming and enhancing the European R&I system

- Strengthening the evidence base for research and innovation policy
- Transition towards Open Science
- Support to national R&I policy reform
- Supporting the modernisation of universities in ERA
- Supporting the effective international cooperation with third countries
- Foresight
- EU R&I programme implementation
- Scientific input to other policies

Lunch break

We will start again at 13.00

Case study exercise

Preparation in groups

We will start with the presentations at 14.15

Case Study: recap

Case study: recap

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: recap

Keeping in mind

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

Case study: recap

When will it work?

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

Case study exercise

Presentations

Case study presentations

Group A

evaluation criteria

- Excellence**
- 1. Clarity and pertinence of the objectives**
 - 2. Soundness of the concept**
 - 3. Innovation potential**
 - 4. Credibility**

- Impact**
- 1. Impacts listed in the work programme**
 - 2. Integration of new knowledge**
 - 3. Strengthening the competitiveness of the European economy**
 - 4. Exploitation and dissemination of results (including management of IPR)**

- Implementation**
- 1. Coherence and effectiveness of the work plan**
 - 2. Complementarity of the participants within the consortium**
 - 3. Appropriateness of the management structures and procedures**

Case study presentations

Group B

evaluation criteria

- Excellence**
- 1. Clarity and pertinence of the objectives**
 - 2. Soundness of the concept**
 - 3. Innovation potential**
 - 4. Credibility**

- Impact**
- 1. Impacts listed in the work programme**
 - 2. Integration of new knowledge**
 - 3. Strengthening the competitiveness of the European economy**
 - 4. Exploitation and dissemination of results (including management of IPR)**

- Implementation**
- 1. Coherence and effectiveness of the work plan**
 - 2. Complementarity of the participants within the consortium**
 - 3. Appropriateness of the management structures and procedures**

Case study presentations

Group C

evaluation criteria

- Excellence**
- 1. Clarity and pertinence of the objectives**
 - 2. Soundness of the concept**
 - 3. Innovation potential**
 - 4. Credibility**

- Impact**
- 1. Impacts listed in the work programme**
 - 2. Integration of new knowledge**
 - 3. Strengthening the competitiveness of the European economy**
 - 4. Exploitation and dissemination of results (including management of IPR)**

- Implementation**
- 1. Coherence and effectiveness of the work plan**
 - 2. Complementarity of the participants within the consortium**
 - 3. Appropriateness of the management structures and procedures**

Coffee/tea break

We will start again at 15.30

Remaining questions

What's next for you?

Access to EU Research Funding for
Universities of Applied Sciences
19-20 November 2019

Upcoming AESIS events

**Integrating and Implementing
a Research Impact Strategy**
*on creating a national, regional or institutional
research impact strategy*



22-24 April 2020
Prague, Czech
Republic



12-14 May 2020
Oxford, UK

**Advancing Societal Impact
of Social Sciences and Humanities**
*on creating opportunities and business in academia and
benefits for society*

Impact of Science
*on Policy and Assessment Strategies for Optimising
Impact of Science on Economy and Society*



16-18 June 2020
Krakow, Poland

AESIS

 **#UASEU19**

AESIS

NETWORK FOR
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE

Thank you for participating!

