

Joint Research Centre



Introducing the Competence Centre on Technology Transfer

26-27 Sarajevo, 2019

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*"Research transforms
money into
Knowledge..."*

*....Technology Transfer
transforms knowledge
into money"*



*Geoffrey Nicholson,
3M, father of Post-It*

The Technology Transfer Ingredients

People

Policies

Protected IP

Promotion

Finance

Proof of Concept

Prototyping

Private Equity (VC)

Places

Plan

Partnerships

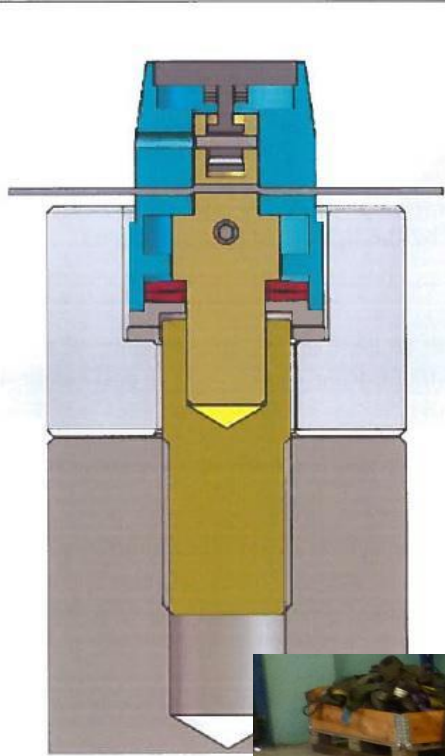
Parks and Clusters



Horizon Europe



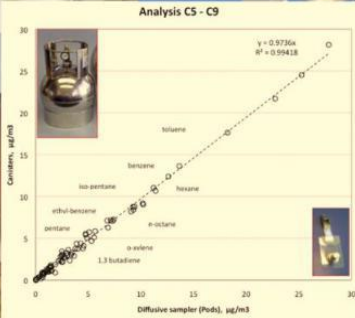




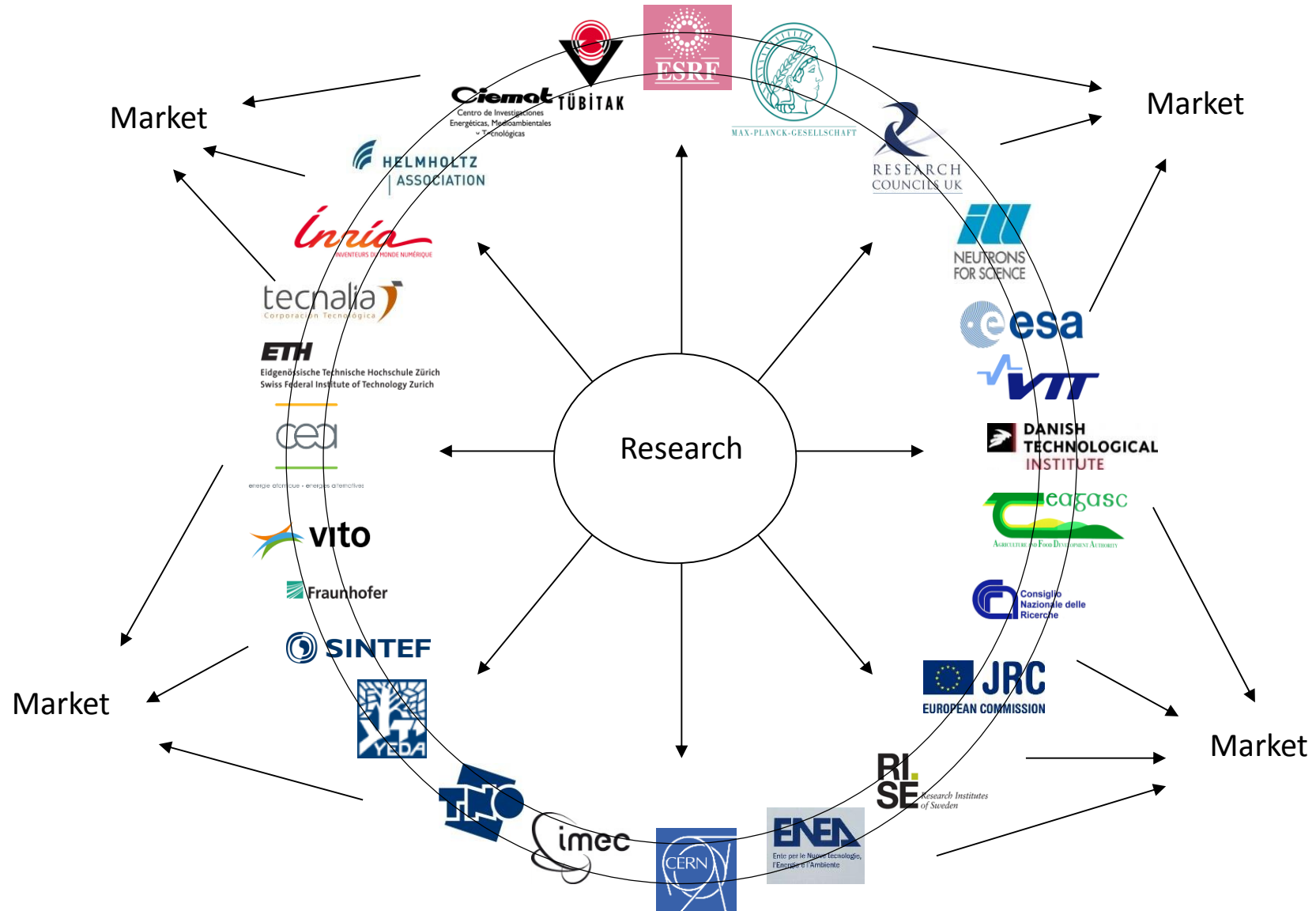
POcketDiffusive
POD
Sampler



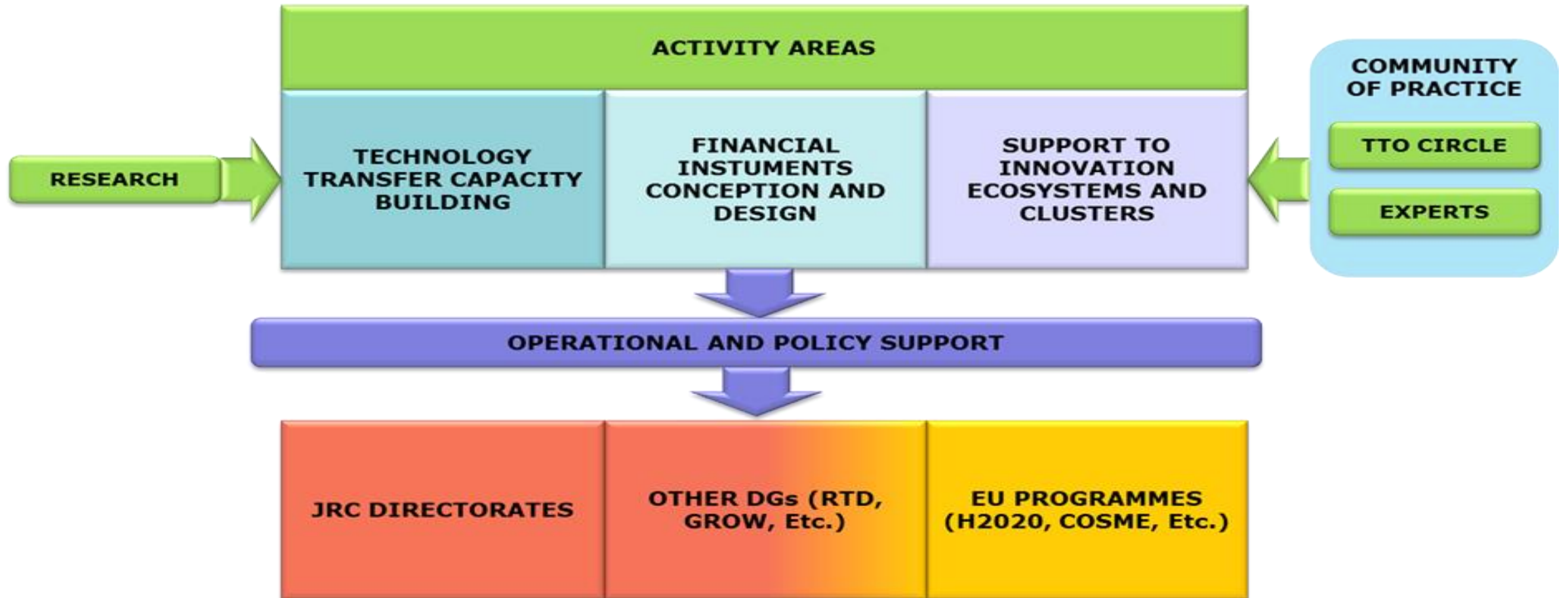
Sampling of VOCs, volatile PAHs, HCB, NO₂

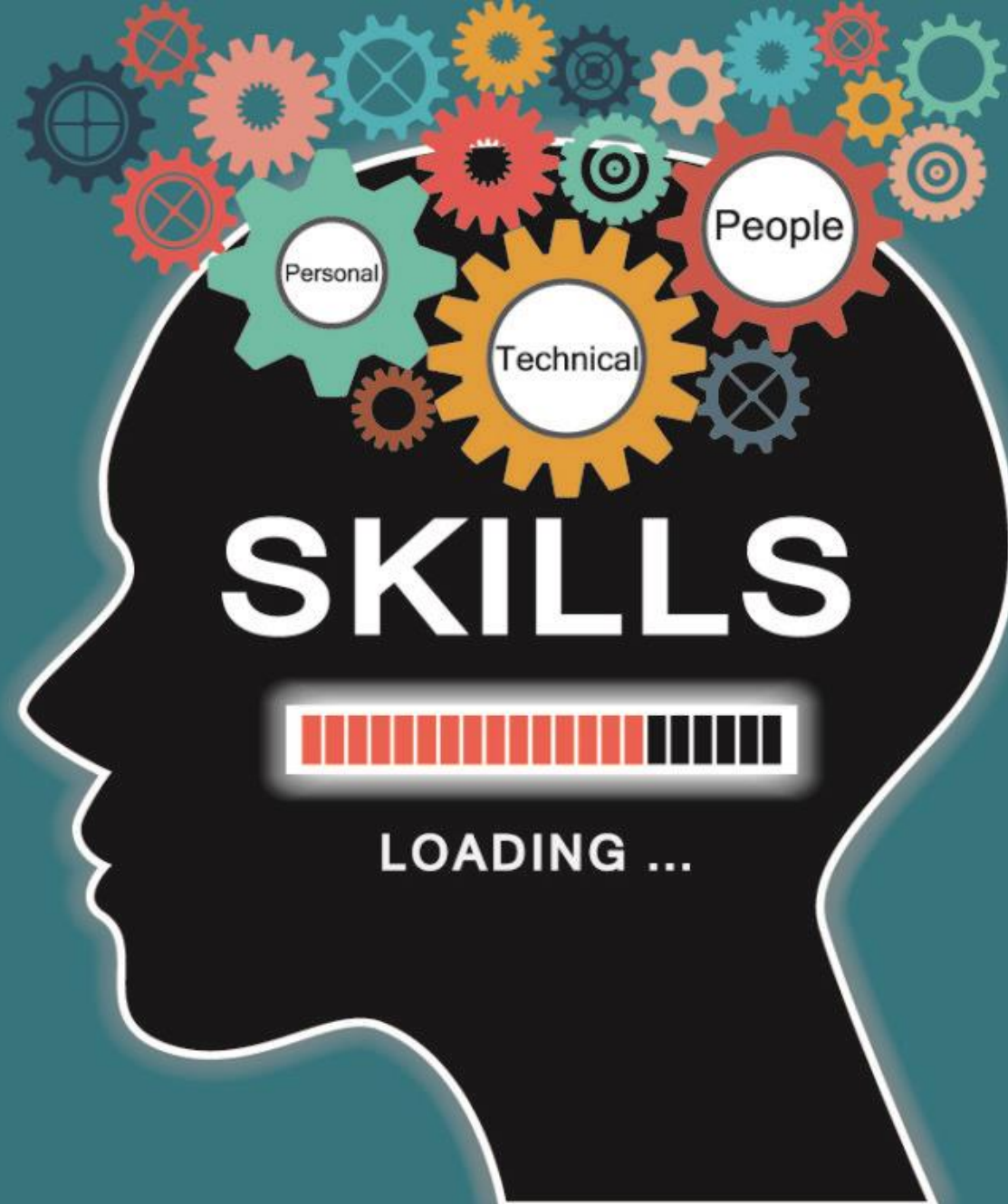


30+ Public Research Organizations
200.000 staff
35.000 patents
4.200 Startups
5.200 software



Competence Centre for Technology Transfer







Urban Innovation Hubs on the rise in Europe

Paris - Station F (opened on 29/6/17)

Hosts up to 1000 start ups (3000 desks), 38,000 m², 310m x 58m, 20 accelerator programs, dismissed freight station, hotel (800 rooms) + restaurant (1000 seats)

Lisbon - Criativo do Beato (gradual opening)

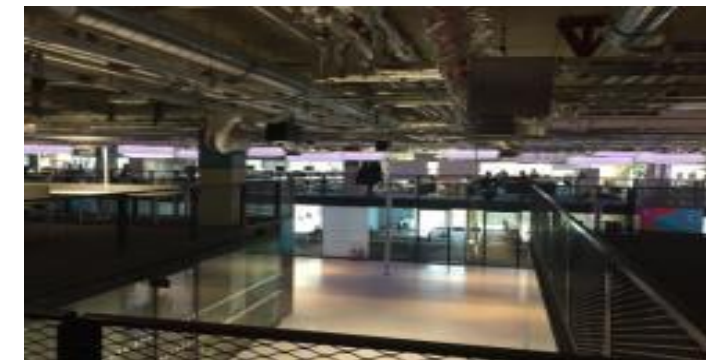
35,000 m² in 20 buildings in former army food factory, 200m€ VC fund + tax incentives, plans for 100,000 m² extension to 3000 start ups

London - Plexal (opened on 12/6/2017)

6,300 m² incubator in Queen Elisabeth Olympic Park (250ha). 800 desks, several acceleration programs.

Milan - Arexpo (masterplan in development)

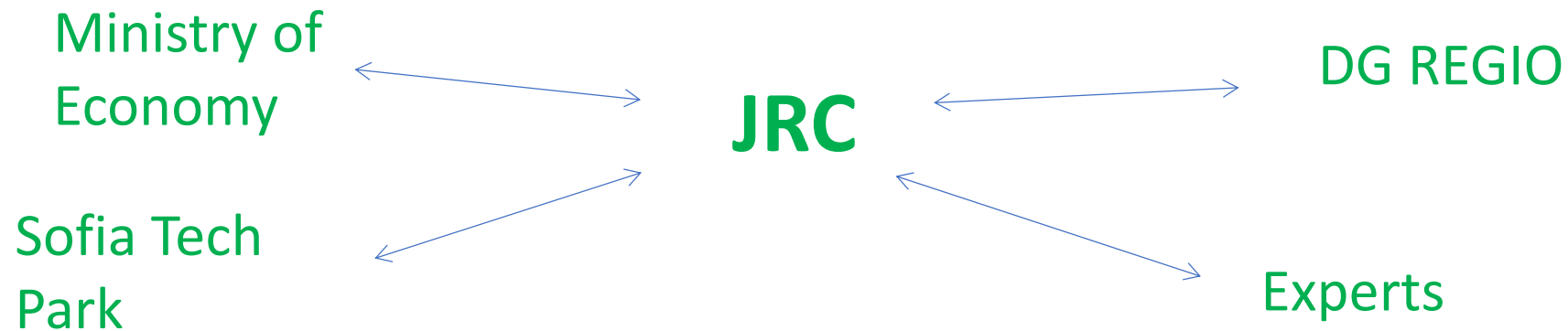
New S&T park in Expo 2015 area of 100ha, focus on health, big data, agrifood and biotech. Includes university, hospital and large research centre.



Reshaping the functional and operational capacity of Sofia Tech Park"



- Request from Ministry of Economy through DG REGIO
- Identify bottlenecks and recommend tailor-made solutions
- Evaluation managed by JRC, which set up an independent panel composed of experts in the domain
- On site fact finding visit and stakeholder meetings
- Finalised 04.2018 and transmitted to the Bulgarian authorities



TT Capacity Building in 6 Western Balkans (WWW.EU4TECH.EU)

TT training, clinics and workshops

Assistance in the setup of TT offices

TT Financial Instruments

Business coaching and advice

Support the creation of local S&T park network

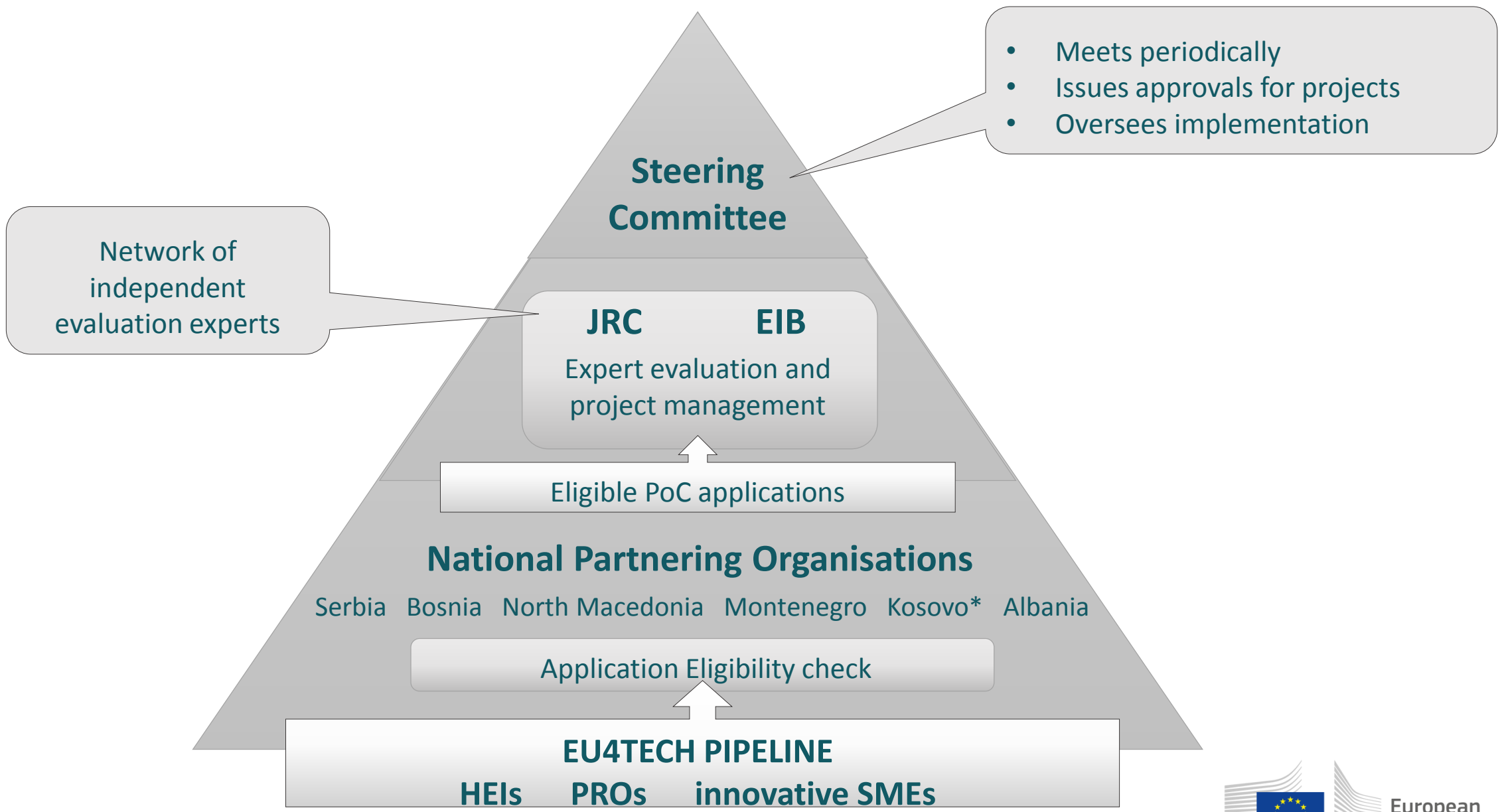
Investment readiness support

To complete by end 2019

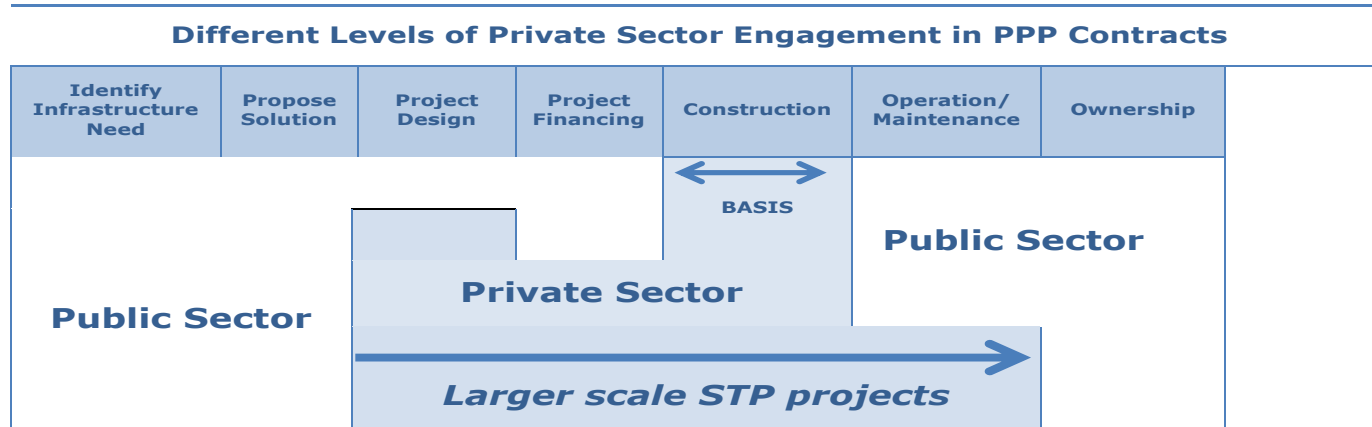


Focus on 15 universities in regions performing research

Proof of Concept Scheme for the Western Balkans



Public-private partnerships (PPPs) and Innovation Ecosystems



Source: Based on Brookings analysis and expert interviews



Advantages:

- **Transfer risk** to private sector
- **Expertise** and know-how of private sector
- Increased **efficiency and quality**
- Make R&I policy more responsive to the nature of innovation

Developments:

- Rise in PPPs in the STI area that are **strategic**, long-term and large-scale (OECD, 2016)
- Reduce uncertainties in R&I by allowing for **long-lasting and large-scale commitments**

Arexpo's science, technology and innovation park

Example of an ongoing large scale redevelopment (600,000 sq.m) through the use of a PPP giving a **99 years long concession** (source: Arexpo)

Thank you!

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