



Fraunhofer  
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INSTITUTO DE  
NEUROCIENCIAS  
CASTILLA Y LEÓN

Steinbeis  
Europa Zentrum  
Enabling Innovators to Grow

ZSI

BrainTwin

Development of a World-Level Neuroengineering Research  
Centre by European Twinning



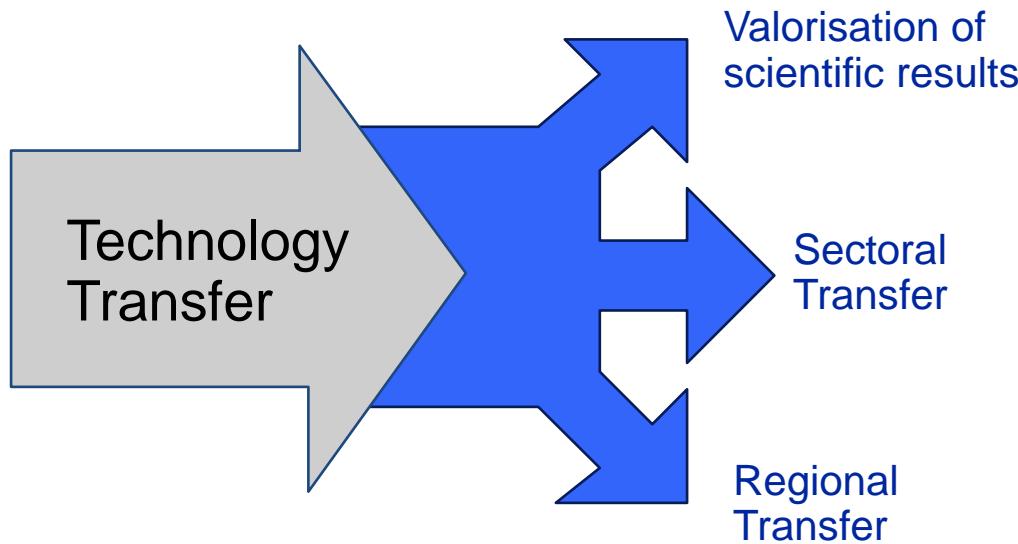
**2nd Bridging the Gap  
Workshop  
24.05.2021**

***Technology transfer and innovation funding***



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 952378

# Technology Transfer: Definition of the European Commission



# Technology Transfer: Definition of the European Commission

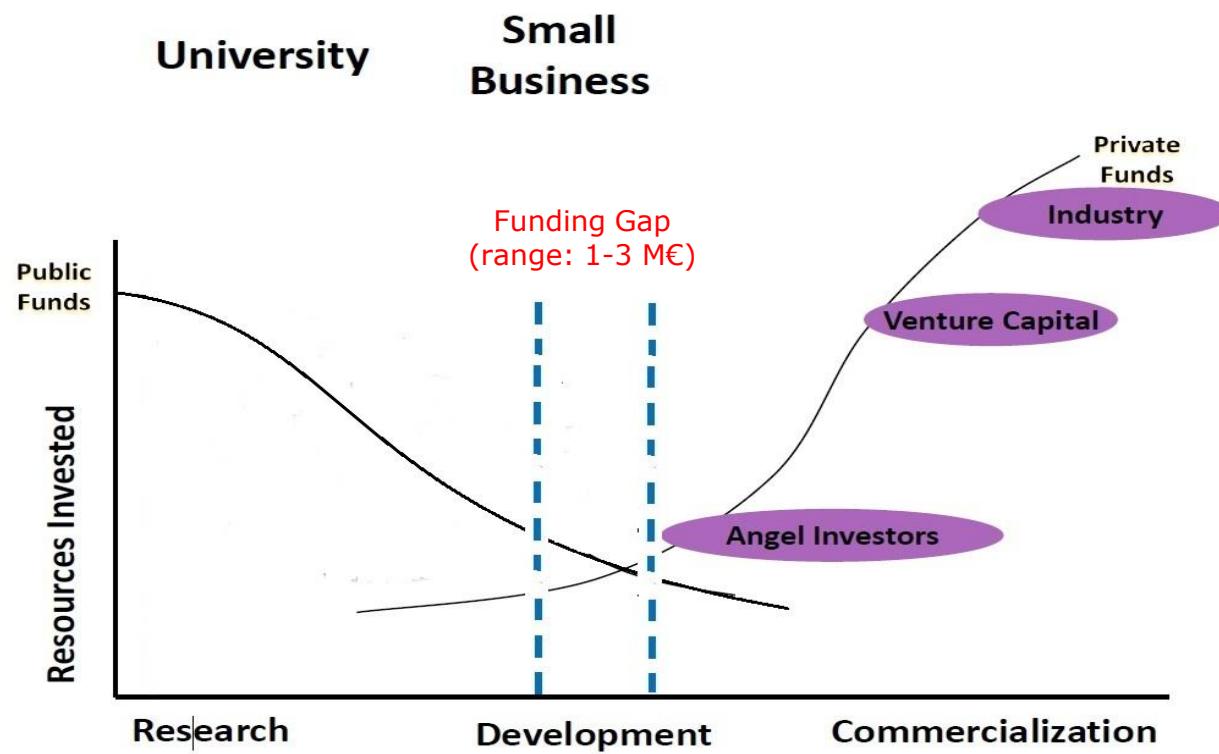
“Research transforms money into knowledge ... technology transfer transforms knowledge into money.”



Technology transfer (TT) refers to the process of **conveying results stemming from scientific and technological research to the market-place and to wider society**, along with associated **skills and procedures**, and is as such an intrinsic part of the technological innovation process.

Source: [https://ec.europa.eu/knowledge4policy/technology-transfer/what-technology-transfer\\_en](https://ec.europa.eu/knowledge4policy/technology-transfer/what-technology-transfer_en)





## How to mix water and oil?

- Scientists are not salesmen!
- Companies are not research institutes - they have to make benefits!



## The structure of the Action Plan



**11 priority areas, coordinated by a priority area coordinator**

## Baden-Württemberg pilot initiative to support the competitiveness of enterprises in Danube Region - 2012

Objective - Installation of :

### Danube Technology Transfer Centers (DTC)

organized as “one-stop-shops” mainly for SMEs in regard of Innovation & Technology Transfer

3 Pilot DTC

- DTC Nitra, Slovakia
- DTC Novi Sad, Serbia
- DTC Cluj-Napoca, Romania



**Baden-Württemberg**  
STAATSMINISTERIUM



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## The structure of the Action Plan

A	THE FOUR PILLARS						C	D		
Mobility and multimodality	Sustainable energy	Culture and tourism, People to People	Water quality	Environmental risks	Biodiversity, landscapes, air and soil quality	Knowledge society	Competitiveness	People and skills	Institutional capacity and cooperation	Security

**11 priority areas, coordinated by a priority area coordinator**

**Bridging the gap between research and innovation**, focusing on improving competences and cooperation between producers and users of knowledge. Supporting the innovation and technology transfer at the **local and regional level**.

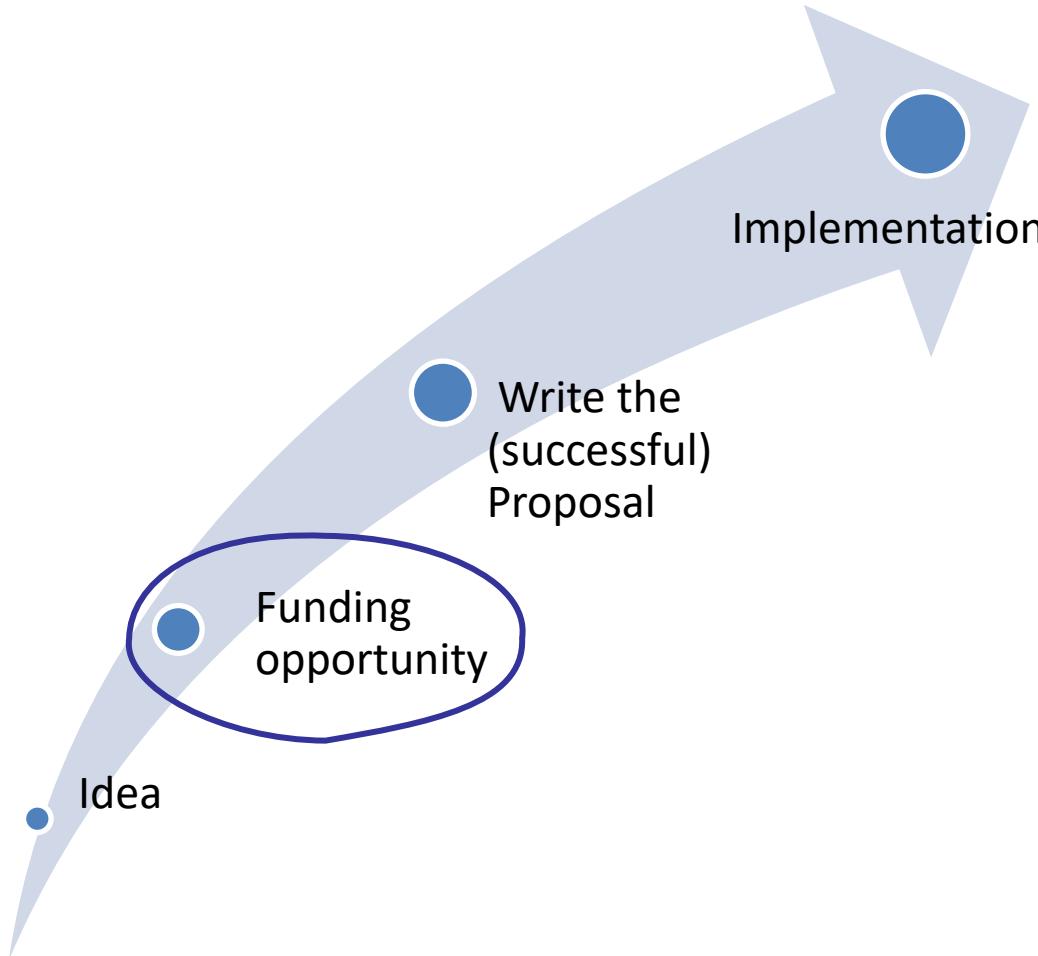


## EU Funding opportunities





# Funding for Innovations



- Horizon Europe incorporates research and innovation missions to increase the effectiveness of funding by pursuing clearly defined targets.
- The Commission has engaged policy experts to develop studies, case studies and reports on how a mission-oriented policy approach will work.

## Mission areas

- 5 mission areas have been identified, each with a dedicated mission board and assembly. The board and assembly help specify, design and implement the specific missions which will launch under Horizon Europe in 2021.
  - [Adaptation to climate change including societal transformation](#)
  - [Cancer](#)
  - [Climate-neutral and smart cities](#)
  - [Healthy oceans, seas, coastal and inland waters](#)
  - [Soil health and food](#)



## Call Search

- “Funding opportunities”

[https://ec.europa.eu/info/funding-tenders/funding-opportunities\\_en](https://ec.europa.eu/info/funding-tenders/funding-opportunities_en)

[Reference Documents \(europa.eu\)](#)

- “How to apply”

[https://ec.europa.eu/info/funding-tenders/how-apply\\_en](https://ec.europa.eu/info/funding-tenders/how-apply_en)

- “Managing your project”

[https://ec.europa.eu/info/funding-tenders/managing-project\\_en](https://ec.europa.eu/info/funding-tenders/managing-project_en)





- + Legislation
- Work programme & call documents
- 2021-2022
  - HE Main Work Programme 2021-2022
    - HE and Euratom Work Programme on Horizontal Expenditure 2021-2022 >
    - 1. General introduction v4.0 >
    - 2. Marie Skłodowska-Curie Actions v2.0 >
    - [3. Research Infrastructures v4.0](#) >
    - [4. Health v4.0](#) >
    - 5. Culture, creativity and inclusive society v3.0 >
    - 6. Civil Security for Society v3.0 >
    - [7. Digital, Industry and Space v5.0](#) >
    - 8. Climate, Energy and Mobility v4.0 >
    - 9. Food, Bioeconomy, Natural Resources, Agriculture and Environment v3.0 >
    - 10. European Innovation Ecosystems (EIE) v2.0 >
    - [11. Widening participation and strengthening the European Research Area v3.0](#) >
    - [12. Missions v3.0](#) >
    - 13. General Annexes v2.0 >
  - + EIC Work Programme 2021
  - + EIC Work Programme 2022
  - + ERC Work Programme 2021
  - + ERC Work Programme 2022
  - + Grant agreements and contracts
  - + Simplified cost decisions





https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;call... A 🔍 ⭐

European Commission | Single Electronic Data Interchange Area (SEDIA)

SEARCH FUNDING & TENDERS ▾ HOW TO PARTICIPATE ▾ PROJECTS & RESULTS WORK AS AN EXPERT SUPPORT ▾

Horizon Europe (HORIZON) clear filter

Type your Keywords...

Match whole words only

GRANTS  TENDERS

Submission status

Forthcoming (101) Open for submission (178) Closed (810)

Programming period

Select a Programme period... Horizon Europe (HORIZON) X

Programme part

Select a Programme part...

## Funding and tenders (1089)

ERC PROOF OF CONCEPT GRANTS2

ERC-2022-POC2

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON ERC Proof of Concept Grants	Deadline model	multiple cut-off
Opening date	16 November 2021	Next deadline	19 May 2022 17:00:00 Brussels time

## Hop On Facility

HORIZON-WIDERA-2022-ACCESS-07-01

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Research and Innovation Actions	Deadline model	multiple cut-off
Opening date	27 January 2022	Next deadline	10 November 2022 17:00:00 Brussels time

## EIC Transition Challenge: RNA-based therapies and diagnostics for complex or rare genetic diseases

HORIZON-EIC-2022-TRANSITIONCHALLENGES-03





## Relevant opportunities

Call topic title	Type	Deadline	Topic Page Link
Implementing digital services to empower neuroscience research for health and brain inspired technology via EBRAINS- TOPIC ID: HORIZON-INFRA-2022-SERV-01-01	RIA	21-Sep-22	<a href="#">Link</a>
EIT Health Business Plan 2023-2025 TOPIC ID: HORIZON-EIT-2023-25-KIC-EITHEALTH	KIC	28-Sep-22	<a href="#">Link</a>
Pilot European innovation gender and diversity index	CSA	08-Sep-22	<a href="#">Link</a>
Fostering balanced brain circulation – ERA Fellowships	MSCA	14-Sept-22	<a href="#">Link</a>
Improving and upscaling primary prevention of cancer through implementation research	IA	17-Sept-22	<a href="#">Link</a>





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# Thank you for your attention!



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# Conclusions

## What is needed to improve the quality of life?



# Conclusions

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- Who:
  - a large map of stakeholders
- Why?
  - Improve quality of life
  - Answer needs from Civil society/ policy makers
  - Motivation
- How?
  - Networking & collaboration
  - Funding opportunities
  - Call to action – continue research towards market entry/ health care systems

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