

Sociedade Portuguesa de Inovação – SPI

ENRICH in Brazil: COVID-19: International Cooperation
in STI in the Health Sector in Brazil and Europe

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Sociedade Portuguesa de Inovação

Sociedade Portuguesa de Inovação: Mission and Strategy

Mission:

The management of projects which foster innovation and promote international opportunities. When appropriate, this mission will be accomplished through the creation of strategic partnerships.



Strategy:

The SPI Group positions itself as a unique catalyst for connections among companies, scientific and technological institutions, public administrations, and public and private national and international organisations.

Accelerate innovation

Promote research and technology transfer

Create knowledge

Enhance competitiveness

Establish partnerships

Penetrate markets

Achieve sustainability

Foster entrepreneurship

Develop and regenerate territories

Sociedade Portuguesa de Inovação: International Presence



With a team of more than 85 consultants from different countries, knowledge in and capacity of being active in different points of the world, SPI is present in **Europe**, **America** and **Asia**, through various offices and companies that are dedicated to specific markets and clients with different needs.

Sociedade Portuguesa de Inovação: Activities and Services

The SPI Group's structure is composed of three main pillars that enable us to provide a unique portfolio of activities and services.



INNOVATION

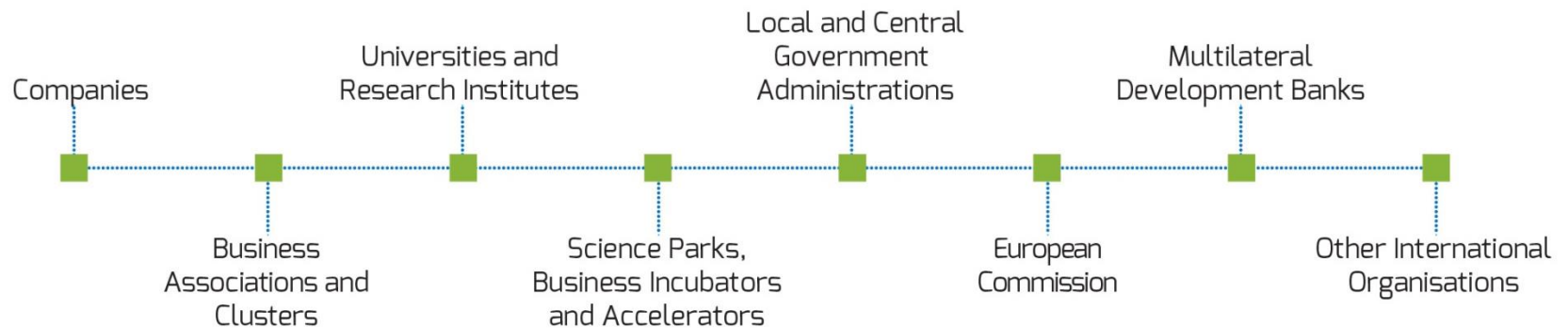


SCIENCE AND
TECHNOLOGY



TERRITORIAL
DEVELOPMENT

Sociedade Portuguesa de Inovação: Clients and Portfolio



Innovation management
Open innovation
Competence development
Internationalisation of SMEs
Cluster implementation
Knowledge management



Technology transfer
Research & development
Emerging technologies
Enabling and industrial technologies
Factories of the future
Sustainable process industries



Regional development
Urban regeneration
Sustainable development
Mobility planning
Land use planning
Innovative cities

Sociedade Portuguesa de Inovação: Projects

CEBRABIC - Centre for Europe-Brazil Business and Innovation Cooperation



CEBRABIC intends to establish and implement the Centre for Europe-Brazil Business Innovation Cooperation.

The Centre connects and supports European Research & Innovation & Business (R&I&B) organisations in the Brazilian market, while strengthening the EU's position as a world leader in Science, Technology and Innovation.

Partner countries involved: Brazil, Portugal, Germany, Belgium, Hungary, Spain, Austria, Turkey.

Budget: 3 M€

Project Duration: 2017-2020

SPI ROLE – WORK PACKAGE LEADER

Work package leader, drawing on experience of Brazil and international collaborations with the EU. Main activities:

- Develop and implement CEBRABIC operational components;
- Maximization of links between Brazil and EU stakeholders;
- Support in the management and coordination.



<http://brazil.enrichcentres.eu/>

Sociedade Portuguesa de Inovação: Projects

DIGI-B-CUBE - Digital Enterprise Innovations for Bioimaging, Biosensing and Biobanking Industries



DIGI-B-CUBE project aims to unlock the cross-sectoral collaborative potential of SMEs by combining Artificial Intelligence (AI), Cognitive Computing Digital Technologies (CCDT) with the Bioimaging-Biosensing-Biobanking (B-CUBE) industries to deliver market sensitive disruptive technologies and generating innovative solutions that enhance patient-centred diagnostic work-flows, delivered through the improved algorithms for Medical Diagnostics' efficiency and accuracy.

Partner countries involved: Spain, Norway, Ireland, Austria, Germany, Greece, Belgium.

Budget: 5 M€

Project Duration: 2019-2022

SPI ROLE – WORK PACKAGE LEADER

Work package leader for Communication, Dissemination and Exploitation. SPI is also task leader for Preparation of Strategy Document based on Value-chain Analysis, the main activities involve are:

- Gathering information and collecting data from the value-chain analysis activities;
- Identification of shared vision for the development of the sector and strategic priorities;
- Provide recommendation & action plan.



<https://digibcube.eu/>

Sociedade Portuguesa de Inovação: Projects

SENET- Sino-European Health Networking Hub

Project Duration: 2019 - 2021



China and the EU have a solid framework for successful collaboration aiming at tackling common global societal challenges, such as the progress of ageing society. In addition, China and the EU are determined to intensify their cooperation via several joint flagship initiatives in a number of focus areas including biotechnologies for human health. SENET's objectives are in line with the expected impacts of the call. It intends to enhance bi-lateral and multi-lateral cooperation between EU and China on health research and innovation topics.

Partner countries involved: Germany, Spain, France, Denmark, China.

Budget: 1.2 M€

SPI ROLE – WORK PACKAGE LEADER

Work package leader for Assessment of strategic health priorities and the health research and innovation landscape in Europe and China, including:

- Analyse and consolidate existing knowledge on the current strategic health priorities and initiatives between Europe and China. (Task Leader);
- Mapping of health research and innovation initiatives and actors (Task Leader);
- Strategy building on capacity building services.

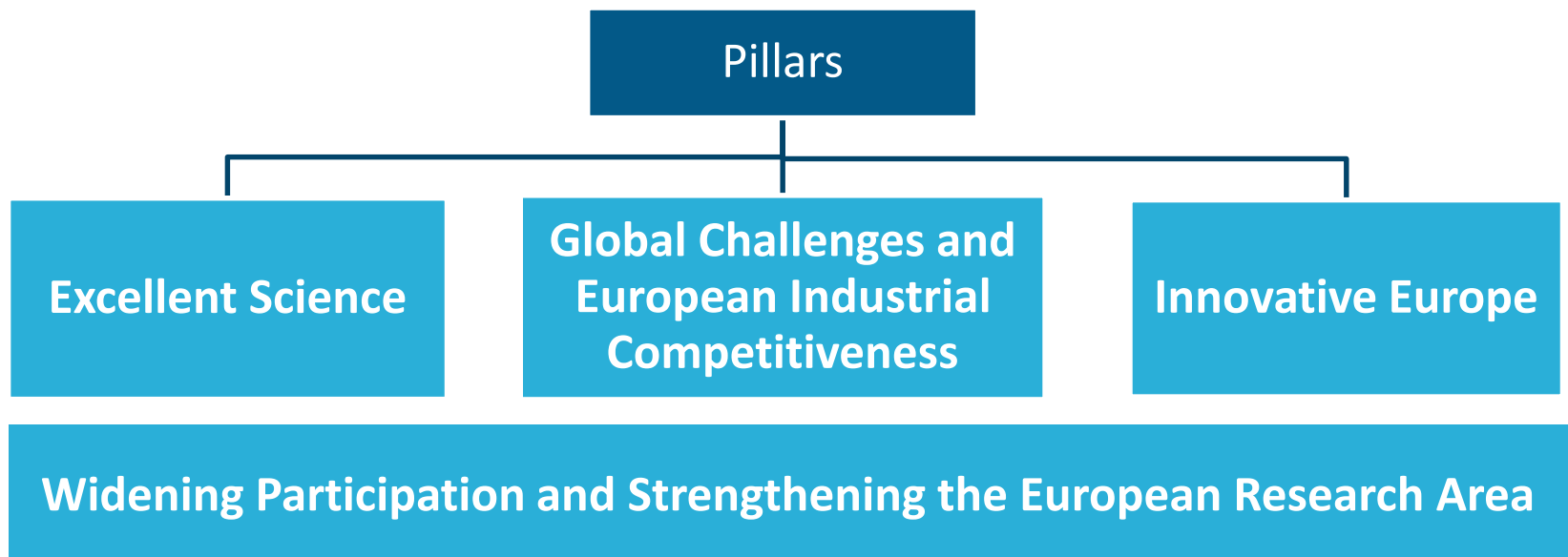


<https://senet-hub.eu/>

Horizon Europe: Cooperation in Health

Horizon Europe – Pillars

The European Commission's proposal for Horizon Europe is an ambitious €100 billion research and innovation programme in 2021-2027 to succeed Horizon 2020.



Period: 2021-2027

Horizon Europe: Cooperation in Health

Horizon Europe – Clusters

The pillar of **Global Challenges and European Industrial Competitiveness** is structure into 6 clusters:

- **Cluster 1 "Health"**
- **Cluster 2 "Culture, Creativity and Inclusive Society"**
- **Cluster 3 "Civil Security for Society"**
- **Cluster 4 "Digital, Industry and Space"**
- **Cluster 5 "Climate, Energy and Mobility"**
- **Cluster 6 "Food, Bioeconomy, Natural Resources, Agriculture and Environment"**



Period: 2021-2027

Horizon Europe: Cooperation in Health

Horizon Europe – Health Cluster

➤ **Diseases and disabilities have a major impact on the socio-economic aspect to citizens and health systems**

The European Commission considers Research and Innovation in Health to be crucial to develop new approaches for integrated and person-centred health care.

➤ **European Union policy objectives**

Health and well-being of its people is a central aim of the EU, guiding its policies and programmes. The Treaty on the EU identifies the need to ensure high level of human health protection for its activities. The EU is also strongly committed to the UN Sustainable Development Goals (SDGs), notably SDG 3 (Good Health and Well-being for People).

➤ **European partnerships are key to aggregate efforts**

The Health Cluster will expand the scope of partnerships to facilitate the participation of low performing countries, to extend private sector participation and improve leverage of funding and to set the ground towards better uptake and systemic impact of related R&I.

Period: 2021-2027

Horizon Europe: Cooperation in Health

Horizon Europe – Health Cluster

➤ **The Health Cluster will be oriented towards six complex and interdependent challenges:**

1. Staying healthy in a rapidly changing society;
2. Living and working in a health-promoting environment;
3. Tackling diseases and reducing disease burden;
4. Ensuring access to sustainable and high-quality health care in the EU;
5. Unlocking the full potential of new tools, technologies and digital solutions for a healthy society;
6. Maintaining a sustainable and globally competitive health-related industry.

Period: 2021-2027

Horizon Europe: Cooperation in Health

Horizon Europe – Missions

➤ Missions

Horizon Europe brings a novelty in comparison to Horizon 2020: the introduction of five missions; high-ambition, high-profile initiatives which will **put forward concrete solutions to challenges facing European citizens and societies**. Each mission has a dedicated Board composed by experts that work to provide advice in several areas, including the identification of the mission design and scope, content of the work programme, characteristics of project portfolios, framework conditions, communication and policy coordination.

➤ Mission areas:

- Cancer;
- Adaptation to climate change including societal transformation;
- Healthy oceans, seas coastal and inland waters;
- Climate-neutral and smart cities;
- Soil health and food.

Period: 2021-2027

Horizon Europe: Cooperation in Health

Horizon Europe – Cancer Mission

➤ Cancer Mission: recognition for the importance of the cancer research

The European Commission establishes common goals in order to reverse trends in the growth of cancer incidence. By joining efforts across Europe, more people would live without cancer, more cancer patients would be diagnosed earlier, suffer less and have a better quality of life after treatment.

High-level independent experts proposed on 25 June more details for the Cancer Mission and its needs: **improve prevention, optimise diagnostics and treatment of cancer, the quality of life of cancer patients, survivors and their families and careers.**

➤ Cancer Mission and the COVID-19 pandemic

The crisis has negatively affected cancer care at an unprecedented speed, generating threats to prevention and treatment, as well as to research and innovation. The Cancer Mission offers, in this scenario, a very **relevant opportunity to address threats to by providing investments on health research.**

Period: 2021-2027

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