

# CIFTIS

## *EU-China Cooperation in Science, Technology and Innovation*

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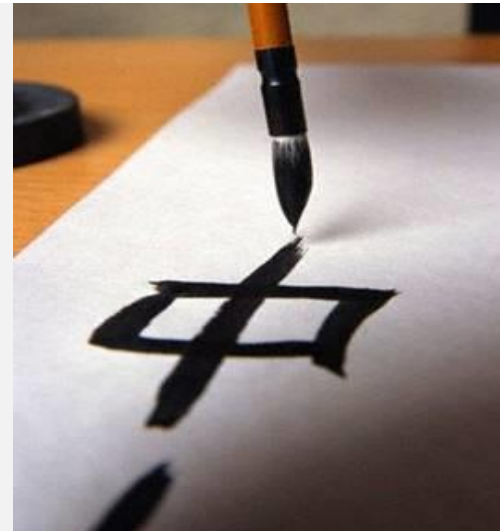
Sociedade Portuguesa de Inovação

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## I. Introduction to SPI | Mission and Strategy

### Mission:

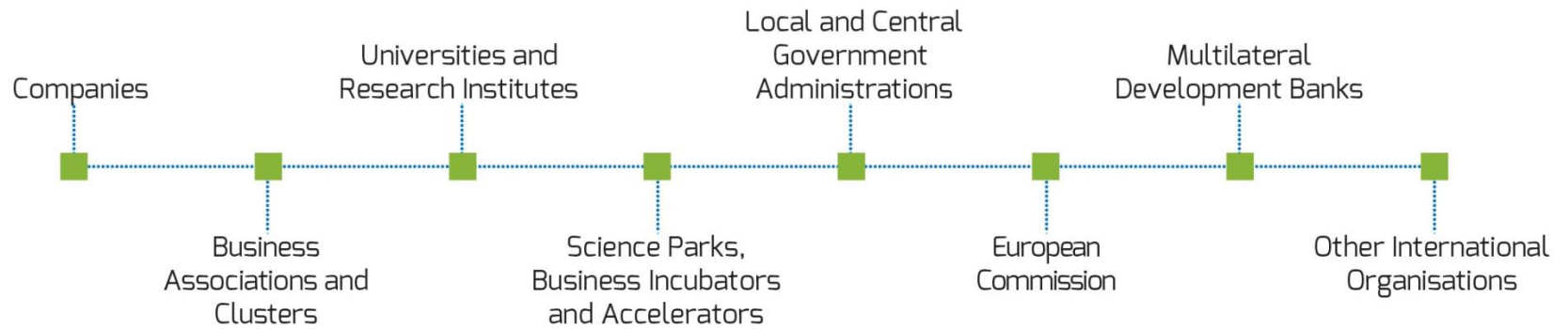
The management of projects which foster innovation and promote international opportunities. When appropriate, this mission will be accomplished through the creation of strategic partnerships.



### 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 **Asia**, **Europe** and **America**, through various offices and companies that dedicate to specific markets and clients with different needs.

I. Introduction to SPI | 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

I. Introduction | Experience in CIFTIS

Speaker at the CIFTIS 2023 edition presenting:

Future Development of Intelligent Manufacturing

Challenges of International Internet 3.0 cooperation



## Long-Standing Relationship through Science and Technology Agreements and Arrangements

- **Science and Technology Cooperation Agreement** (1998, renewed in 2004, 2009, 2014 and 2019)
  - Provides a framework for cooperation in scientific and technological research
- **EU-China Innovation Cooperation Dialogue** (2012)
  - To foster dialogue and cooperation in innovation policy, promoting joint innovation activities and the development of a more innovative ecosystem in both regions
- **EU-China Roadmap for Research and Innovation Cooperation** (2013)
  - Outlines the strategic priorities for research and innovation cooperation, with a focus on areas such as food, agriculture, biotechnology, energy, and health
- **Horizon 2020** (2014-2020) and **Horizon Europe** (2021-2027)
  - European and Chinese researchers and institutions actively participate in projects that tackle global challenges through collaborative research and innovation

## EU-China Cooperation in STI

### Areas of Cooperation under Horizon 2020, Horizon Europe and other Arrangements

- **Biotechnology and Biomaterials:** a priority area for the EU and China;
- **Environment, Climate and Sustainable Urbanisation:** green urban mobility and sustainable electrification in large urban areas; reduction of transport impact on urban air quality;
- **Food and Agriculture:** to tackle food waste, food safety, sustainability;
- **Health Research:** the Sino-European Health Networking Hub (SENET)



## EU-China Cooperation in STI

Technological innovation and trade cooperation between China and Europe are likely to increase in areas such as:

- **Clean energy:** renewable energy;
- **Fintech and Blockchain:** payment systems, blockchain applications;
- **Internet of Things (IoT):** smart cities, industrial IoT;
- **Digital Health and Biotech:** telemedicine, biotech innovations ;
- **Artificial Intelligence (AI):** AI research and applications, industry applications;
- **Research and Development (R&D) Collaboration:** through joint research programs and innovation hubs;





## Potential Opportunities for European Companies to Open the Chinese Digital Market

Due to its large and tech-savvy population, rapid digital transformation and strong e-commerce ecosystem, China presents potential opportunities for European companies.

### Challenges for European companies:

- Lack of localization and understanding of the market and consumer trends;
- Regulatory measures in favor of domestic companies;
- Increased competitiveness of domestic companies;
  
- **Opportunities for European countries**
- Completely different internet, data and cyber regime;
- China has the biggest Market for E-Commerce and Online Retail: Leverage platforms such as Tmall Global, JD Worldwide, and Kaola for market entry;
- Education Technology (EdTech): provide online education and tutoring services, which have seen a surge in demand in China;
- Sustainable and Green Technologies: offer digital solutions for renewable energy, energy efficiency, and sustainable development;
- Research and Development (R&D): collaborate with Chinese tech companies on joint ventures and innovation projects;

II. Introduction to Horizon Europe - Pillars

**Pillar 1**  
Excellent Science

European Research Council

Marie Skłodowska-Curie  
Actions

Research Infrastructures

**Pillar 2**  
Global Challenges and  
European Industrial  
Competitiveness

Clusters

- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

**Pillar 3**  
Innovative Europe

European Innovation Council

European innovation  
ecosystems

European Institute of  
Innovation  
and Technology

**Widening Participation and Strengthening the European Research Area**

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

II. SPI Main Horizon Projects in Cooperation between EU-China

Name: **EXCITING - EU-China Study on IoT and 5G**

Client: European Commission                      Area: Technology

Description: Study of the evolution of the Science, Technology and Innovation (STI) performance of China and analyse its economic impact on Chinese productivity and competitiveness and on the global markets.



Name: **5G Harmonised Research and Trials for Service Evolution Between EU and China**

Client: European Commission                      Area: Technology

Description: Key objective to boost 5G harmonisation and R&I cooperation between EU and China.



Name: **Promoting and sustaining S&T research cooperation between the EU and China**

Client: European Commission                      Area: R/I

Description: Provided the EC and Member States with tools for setting a long term cooperation strategy with China in research and innovation.



## III. SPI Main Projects in China

Name: **EURAXESS Worldwide**

Client: European Commission

Area: International Cooperation

Description: EURAXESS Worldwide is a networking tool supporting researchers working outside of Europe who wish to connect or stay connected with Europe.



Name: **Sino-European Health Networking Hub**

Client: European Commission

Area: Health

Description: To create a sustainable health networking and knowledge hub which facilitates favourable conditions for a constant and constructive dialogue between Chinese and EU research and innovation entities.



Name: **International Advocacy for the Strategic Alignment of MSCA Cooperation Mechanisms in Key Partner Countries and Regions – MSCAdvocacy**

Client: European Commission

Area: International Cooperation

Description: Supports the 'Global Approach to Research and Innovation' which reconfirms Europe's commitment to a level of global openness that is needed to drive excellence and achieve scientific progress;

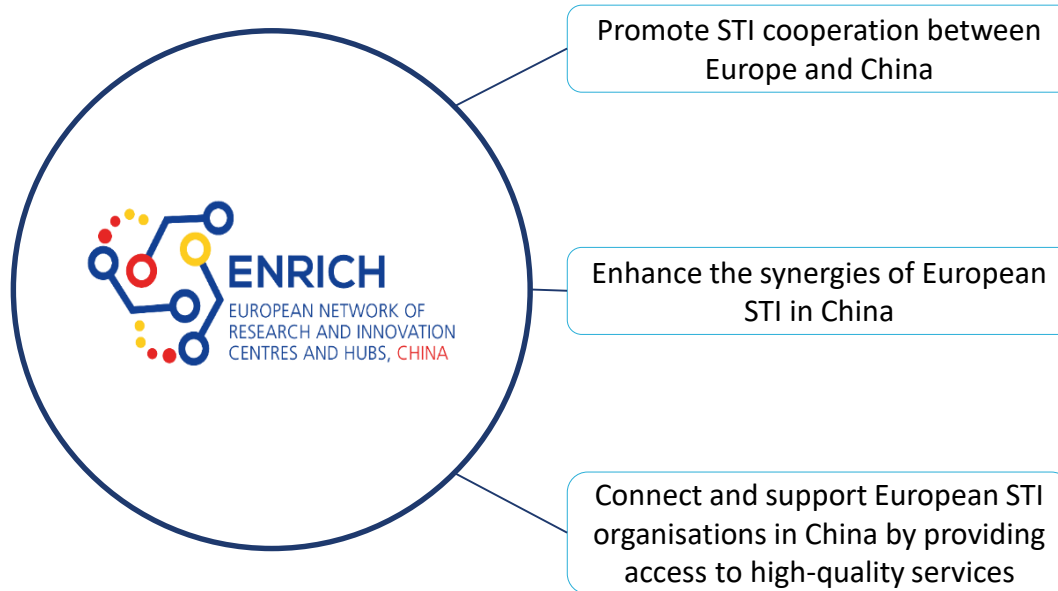


**FOSTERING INTERNATIONAL  
COOPERATION IN MSCA**

### III. ENRICH in China

#### European Network of Research and Innovation Centres and Hubs, China

#### Mission and Vision



<https://china.enrichcentres.eu/>

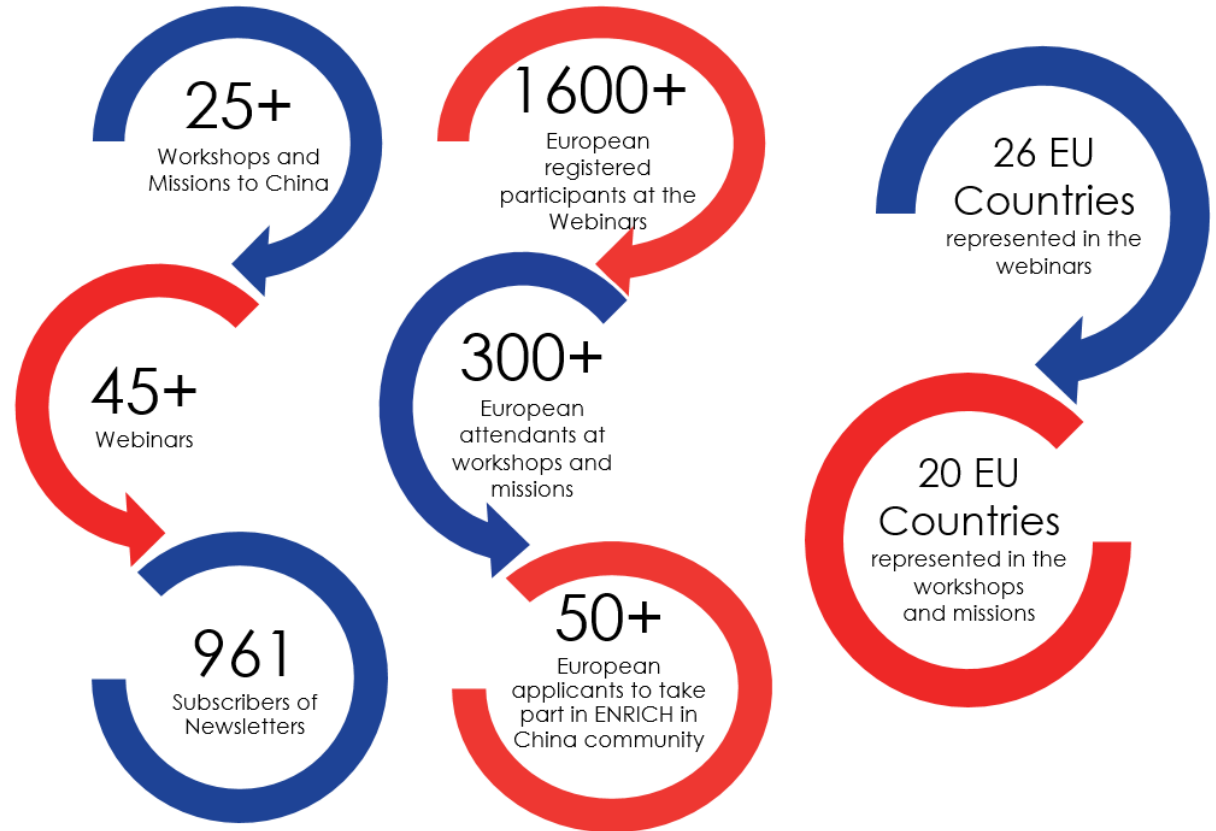
III. ENRICH in China

European Network of Research and Innovation Centres and Hubs, China

Facts



<https://china.enrichcentres.eu/>



III. ENRICH in China

European Network of Research and Innovation Centres and Hubs, China

Current Soft Landing Zones and Regional Hubs



**Beijing:** Weichung 3D Printing Digital Innovation Center  
**Nanjing:** Messe Nanjing Overseas Collaboration Innovation Center (Stuttgart)  
**Shenzhen:** Gensol Science and Technology Innovation Center



<https://china.enrichcentres.eu/>

## III. ENRICH in China

## European Network of Research and Innovation Centres and Hubs, China

## Partnership Types

## SLZ, ESP and Members

## Reach out to the ENRICH in China team

[enrichinchinateam@spi.pt](mailto:enrichinchinateam@spi.pt)**Tennis18sara** (Sara)  
**PatriaSagrada** (André)**Members**

- Access to ENRICH in China network and contacts
- Individuals/organisations interested in collaboration with China

**External Service Providers**

- Accredited European or Chinese organisations
- One-stop services

**Soft Landing Zones**

- Localization guidance
- Co-working space
- Network building support



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