

# Transforming Consumer and Health - Oriented Society through Science & Innovation

Presentation of Slovenian Innovation Hub and SRIP Health - Medicine

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## Slovenian Innovation Hub, European Economic Interest Grouping – SIH EEIG (also known by Slovenian acronym SIS EGIZ)

*established in 2015 – haven't even reached 3rd milestone, but have much to show*

*“Connecting the creative and ambitious.”*

- \*located at the new University Campus in Brdo, Ljubljana
- \*bridging academia, innovation and business to create global value chains
- \*actively implementing Slovenian Smart Specialisation Strategy in Health - Medicine
- \*creating better tomorrow SINCE together we make changes happen



## Mission – some tasks

- ✓ Connecting groups of researchers and/or innovators from Slovenia with partners worldwide in order to create critical mass and synergies needed for successful breakthrough in international environment;
- ✓ Monitoring the development in the knowledge triangle in similar innovation hubs, and proposes the new measures, supporting R&D and innovation policies. Simultaneously, it takes various actions and tasks, necessary for improvement of innovative potential in Slovenia;
- ✓ Communicating internationally and nationally on best innovation results of its members, on their networking and successful collaboration with the international players.

**Smart Specialisation Strategy or S3** is a platform for concentrating development investment on areas where Slovenia has the critical mass of knowledge, capacities and competences, and where there is **innovation potential for placing Slovenia within global markets** and recognizing its recognisability.

**Slovenian Smart Specialisation Strategy or S4** represents and implements document of several previously adopted Slovenian strategic documents which integrates and translates the policies into concrete and tangible actions to achieve focused national actions in tune with the main development actors:  
**INTEGRATION = CRITICAL MASS = BREAKTHROUGH.**

***Goals:***

- Increasing the value added per employee
- Improving Slovenian competitiveness on global markets with increasingly growing the share of knowledge based technologies in Slovenian exports
- Stimulating overall entrepreneurial activity

S4 is strategically focused on SUSTAINABLE TECHNOLOGIES FOR A HEALTHY LIFE which will help turn Slovenia into a **green, creative and smart region** with outstanding conditions fostering creativity and innovation, focused on development of **middle- and high-tech solutions in niche fields**. S4 facilitates Slovenia's transformation from a **follower to a co-creator of global trends**.

**Based on priorities from S4 3 priority pillars in 9 areas of application were defined:**

**a. Digital:**

- i. Smart cities and communities
- ii. Smart buildings and homes, including wood chain

**b. Circular:**

- iii. Networks for transition into circular economy
- iv. Sustainable food production
- v. Sustainable tourism

**c. (S)Industry 4.0:**

- vi. Factories of the future
- vii. Health-medicine coordinated by SIH EEIG
- viii. Mobility
- ix. Development of materials as products

**9 areas of application result in  
9**

**S**trategic

**R**esearch

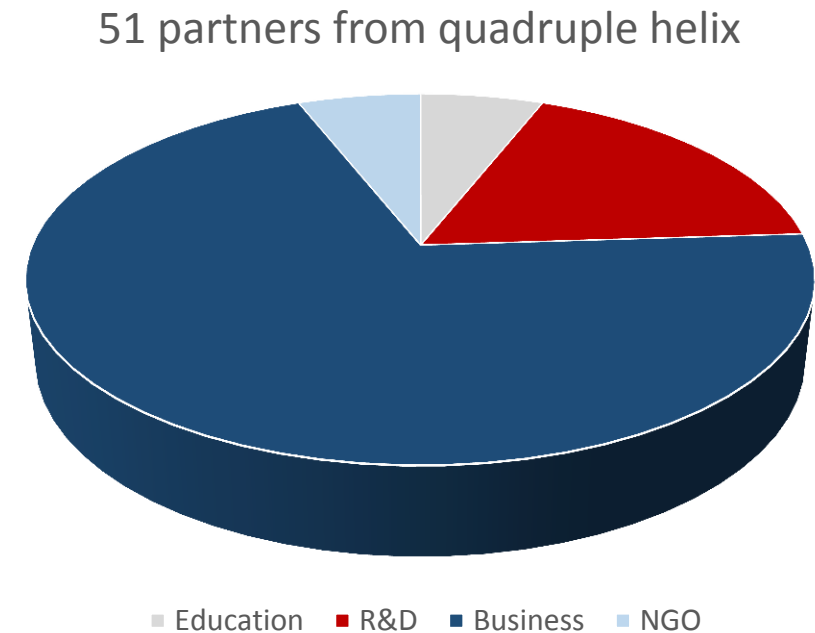
**I**nnovation

**P**artnerships



**Strategic Research Innovation Partnership Health – Medicine** is dedicated to achieving Strategy's goals as well as to the improvements in society in general :

- \*connecting the creative and ambitious to improve healthcare and create higher value added
- \*identifying new business opportunities, promising technologies and big projects
- \*creating opportunities for new projects
- \*supporting the stars of tomorrow
- \*identifying and building future competences and skills
- \*influencing legislation



Translational Medicine

Biopharmaceuticals

Cancer treatment

Resistant bacteria

Active Healthy Ageing

Natural Medicine &

Cyber Technologies, Artificial Intelligence, Micro – Nano-electronics and Photonics, Advanced Manufacturing Technologies, Advanced Materials and Nanotechnologies, Life - Science Technologies

HR development, Entrepreneurship, Safety and Security

- \*Networking
- \*Internationalization, common brand name
- \*Market research
- \*New business models, start-ups
- \*Partner search
- \*Sharing knowledge and infrastructure
- \*Financing
- \*HR training, best practice sharing
- \*IP expertise, regulatory environment

## SRIP Health Medicine

Cooperating with all SRIPs and creating trans-SRIP value chains

# Internationalization

SIH EEIG a proud member of Twins' International MultiHelix = TIM



Life Sciences Hub | Wales  
Hwb Gwyddorau Bywyd | Cymru



温州生物材料与工程研究所  
Wenzhou Institute of Biomaterials and Engineering



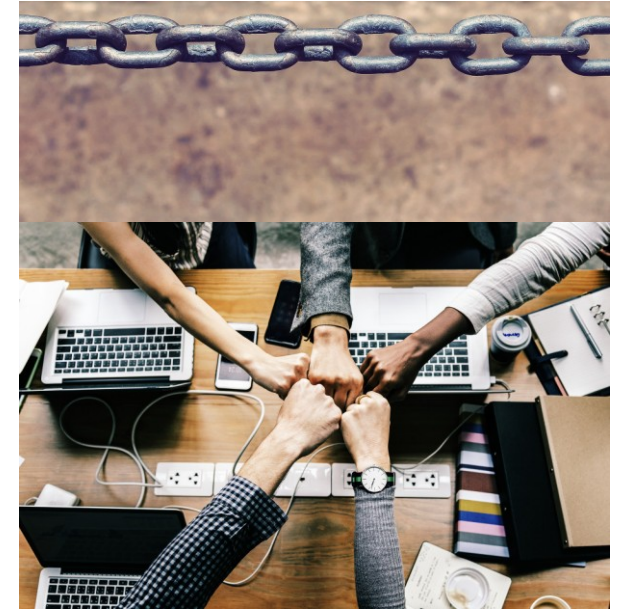
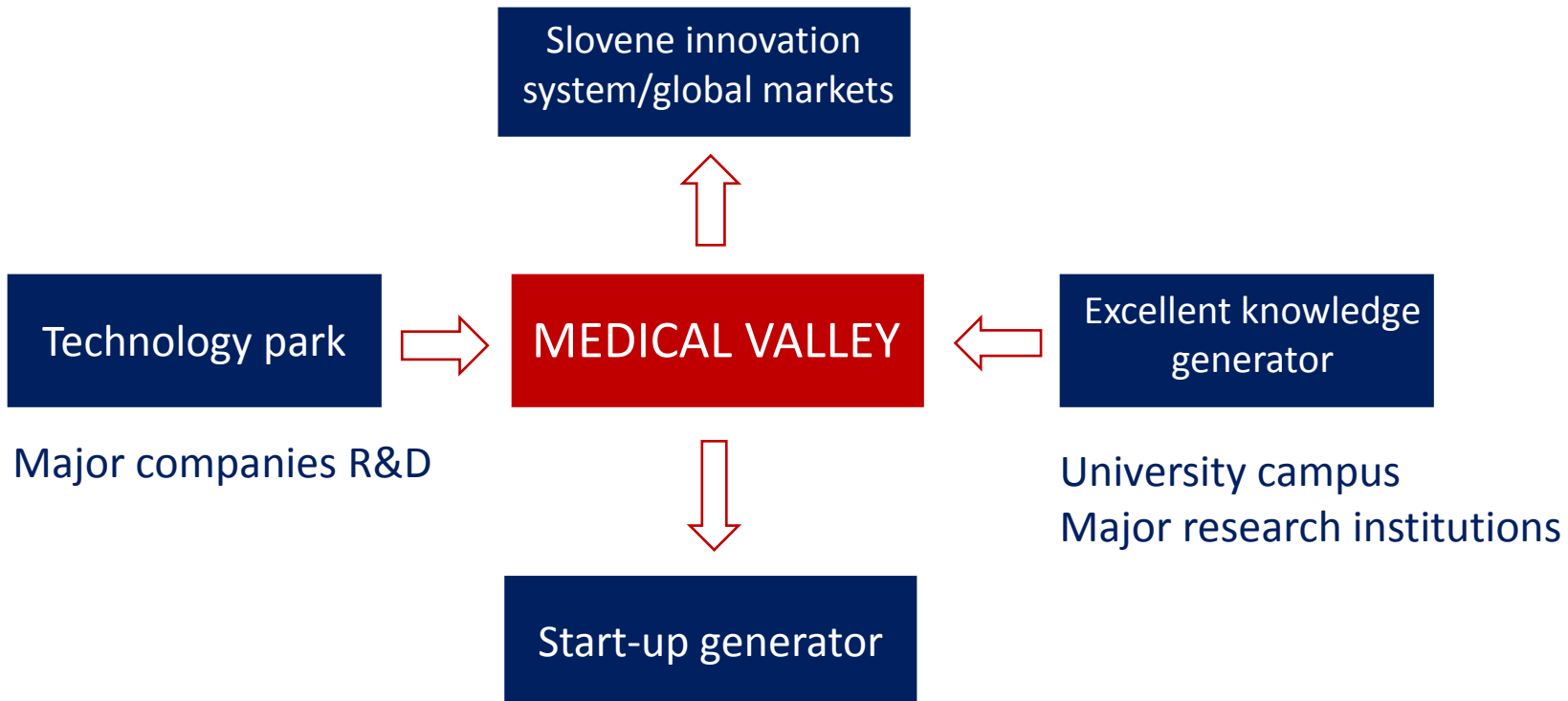


**Medical Valley** – Project yet to be realized, located right in the middle of university campus and Technology Park but includes other parts of Slovenia as well.





## Integrative role of Slovenian Medical Valley



## Social impact

Knowledge base

Skilled personnel

Social&Tec collaboration

SCI&TECH

Education &training

SCI inst+Tech Park

UNI Campus

Technological progress

New industry HI value added jobs

Innovative Treatments

Better Healthcare System

Global Markets

Start-up Generator

Novel Approach in Aging

Elderly Integration