



IASP

International Association of Science Parks
and Areas of Innovation

Global perspectives of Innovation ecosystems

Laura Monasterio – Knowledge & Project Manager

IASP AT A GLANCE



Active since 1984 - **36 years** serving the innovation community



The only **global network** for Science Parks and Areas of Innovation

- 350 members
- 77 countries
- >115,000 companies
- 7 regional divisions
- 36 world conferences

The **worldwide membership-based network** of science and technology parks (STPs), areas of innovation (AOIs), innovation districts & hubs, knowledge-based incubation projects and the like



Austria, Azerbaijan, Barbados, Belarus, Belgium, Botswana, Brasil, Bulgaria, Canada, Colombia, Croatia, Cuba, China, China-Taipei, Denmark, Ecuador, Egypt, El Salvador, Estonia, Eswatini, Finland, France, Reunion, Germany, Greece, Hungary, Iceland, India, Iran, Italy, Japan, Kazakhstan, Kenya, Korea, Kosovo, Latvia, Lithuania, Luxembourg, Malaysia, Mauritius, Mexico, Morocco, Namibia, Nigeria, Oman, Pakistan, Palestine, Panama, Paraguay, Peru, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Serbia, Singapore, Slovakia, Slovenia, South Africa, Spain, Sudan, Sweden, Switzerland, Thailand, The Netherlands, Turkey, Ukrania, United Arab Emirates, United Kingdom, Uruguay, USA, Uzbekistan, Venezuela, Vietnam.

Science park

A science park is an organisation managed by specialised professionals, whose main aim is to increase the wealth of its community by promoting the culture of innovation and the competitiveness of its associated businesses and knowledge-based institutions.

To enable these goals to be met, a Science Park stimulates and manages the flow of knowledge and technology amongst universities, R&D institutions, companies and markets; it facilitates the creation and growth of innovation-based companies through incubation and spin-off processes; and provides other value-added services together with high quality space and facilities.

The expressions "technology park", "technopole", "research park" and "science park" encompass a broad concept and are interchangeable within this definition. The acronym STP (science and technology park) is used to refer to all of these expressions.

IASP

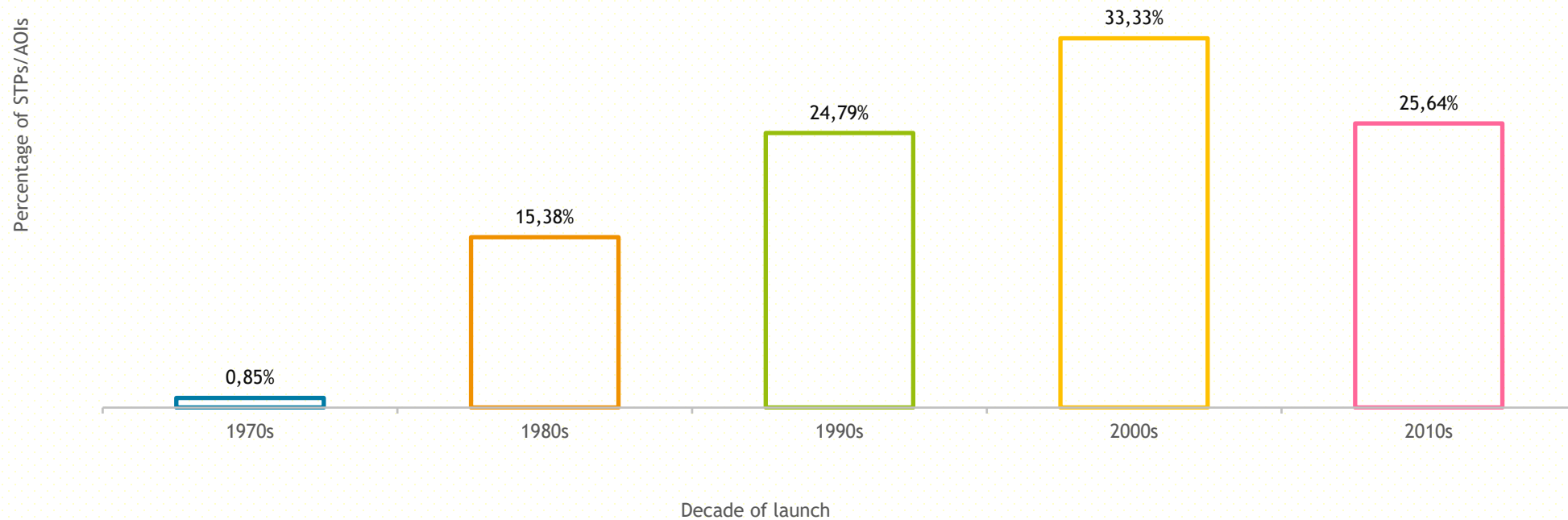
Area of Innovation

"Areas of innovation" are places designed and curated to attract entrepreneurial-minded people, skilled talent, knowledge-intensive businesses and investments, by developing and combining a set of infrastructural, institutional, scientific, technological, educational and social assets, together with value added services, thus enhancing sustainable economic development and prosperity with and for the community.

There are many different models of areas of innovation (also known by the acronym AOIs)- spanning from the broader city or region model with innovation activities in different locations within the area, to more place-specific projects like innovation districts, knowledge quarters, science parks, innovation hubs and the like. As a common feature they all have a management team tasked to execute a strategy conducive to growing innovation activity in the area.

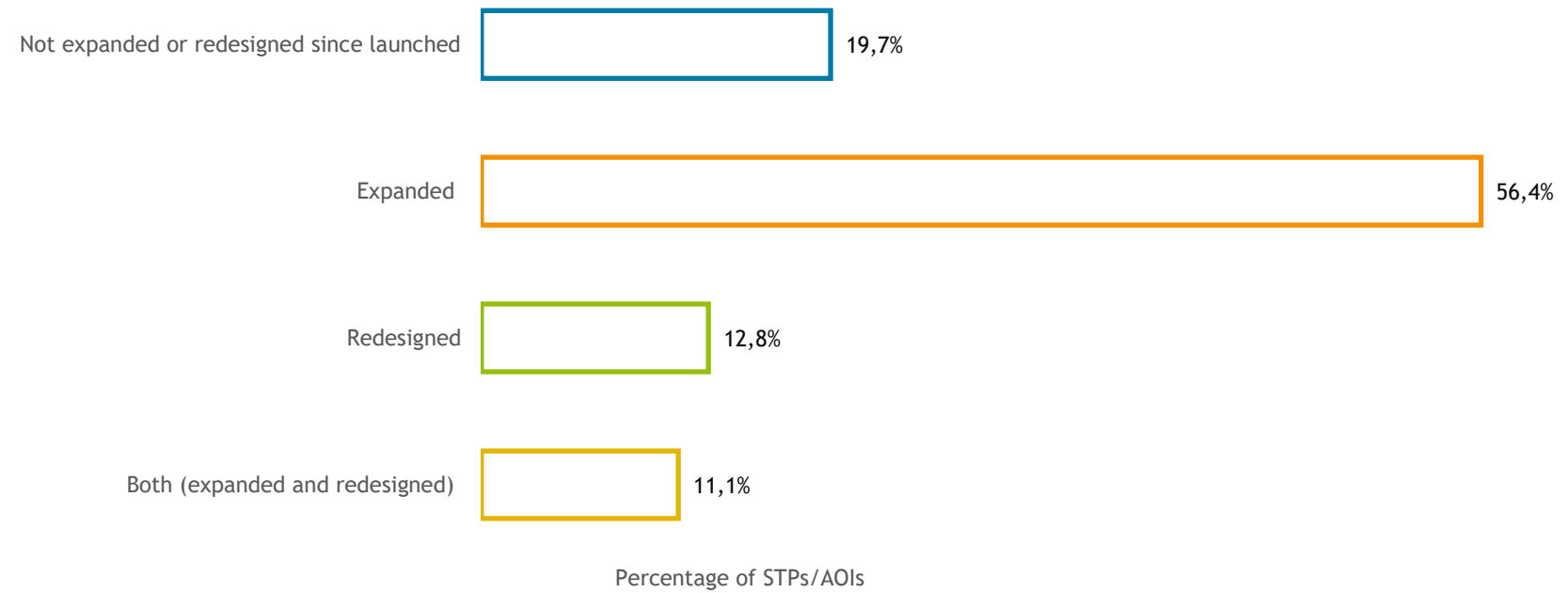
IASP

Creation of STPs/AOIs



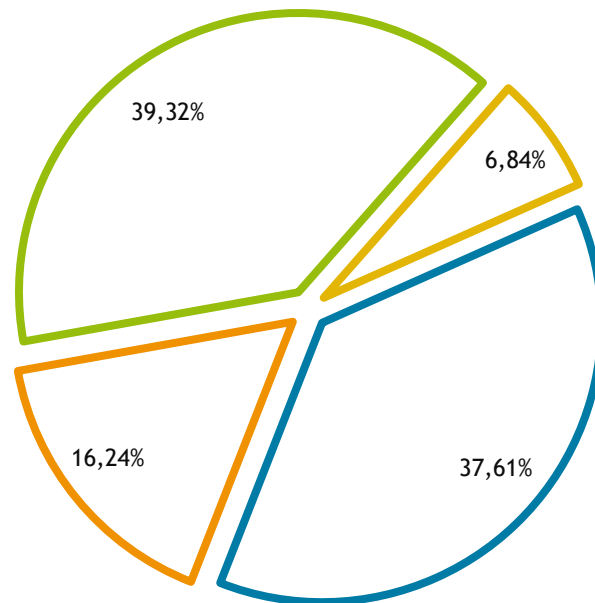
Source: IASP 2018

STPs/AOIs growth



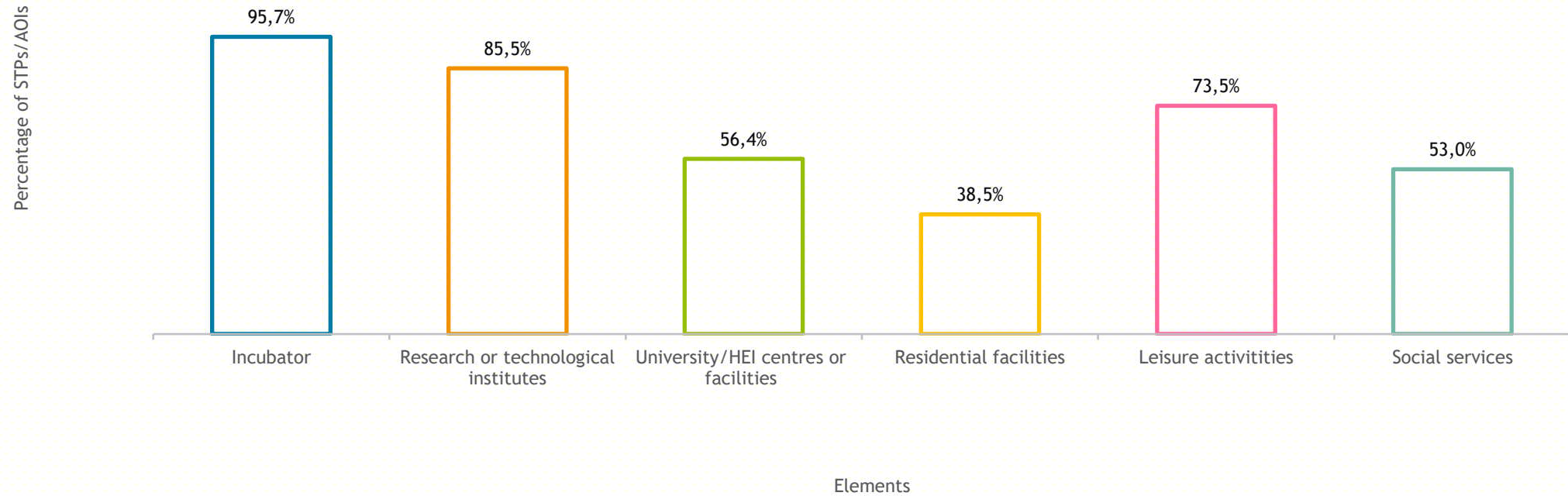
Source: IASP 2018

Location of STPs/AOIs – the city



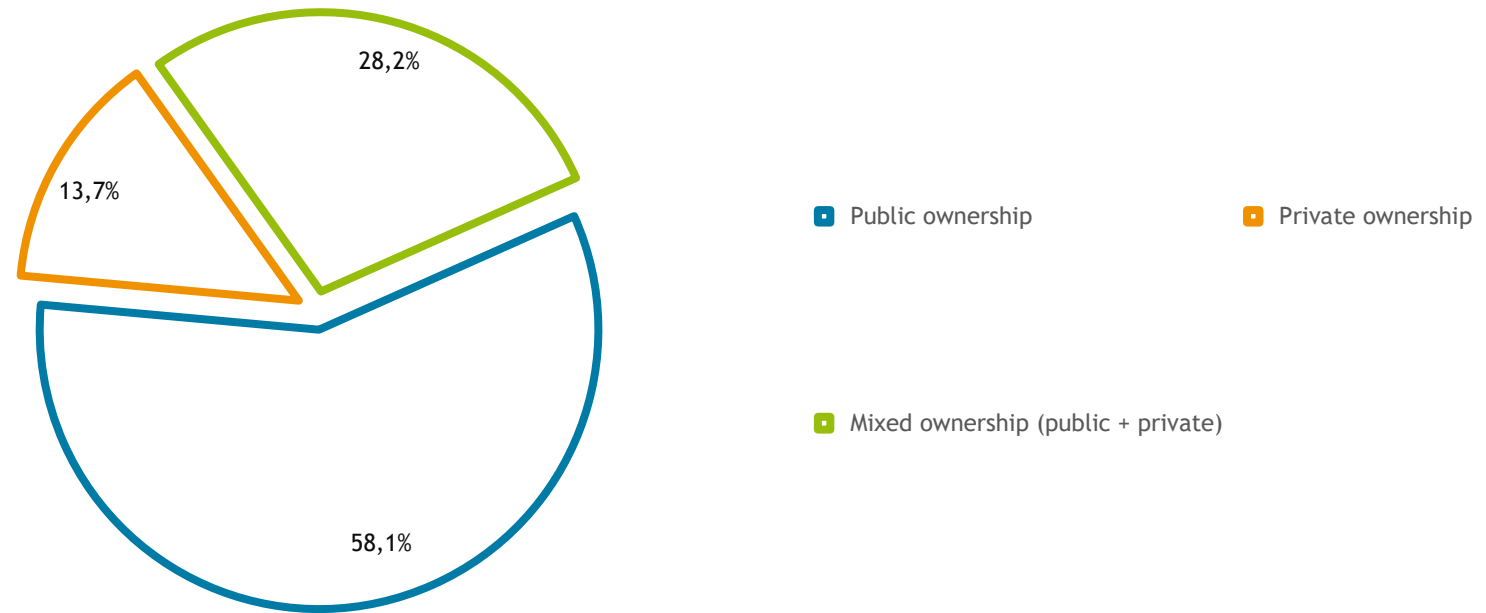
- In a large city (over 1 million inhabitants)
- In a medium size city (500,000 - 1 million inhabitants)
- In a small city (under 500,000 inhabitants)
- My Park/Area is not located in a city

Main elements of STPs/AOIs

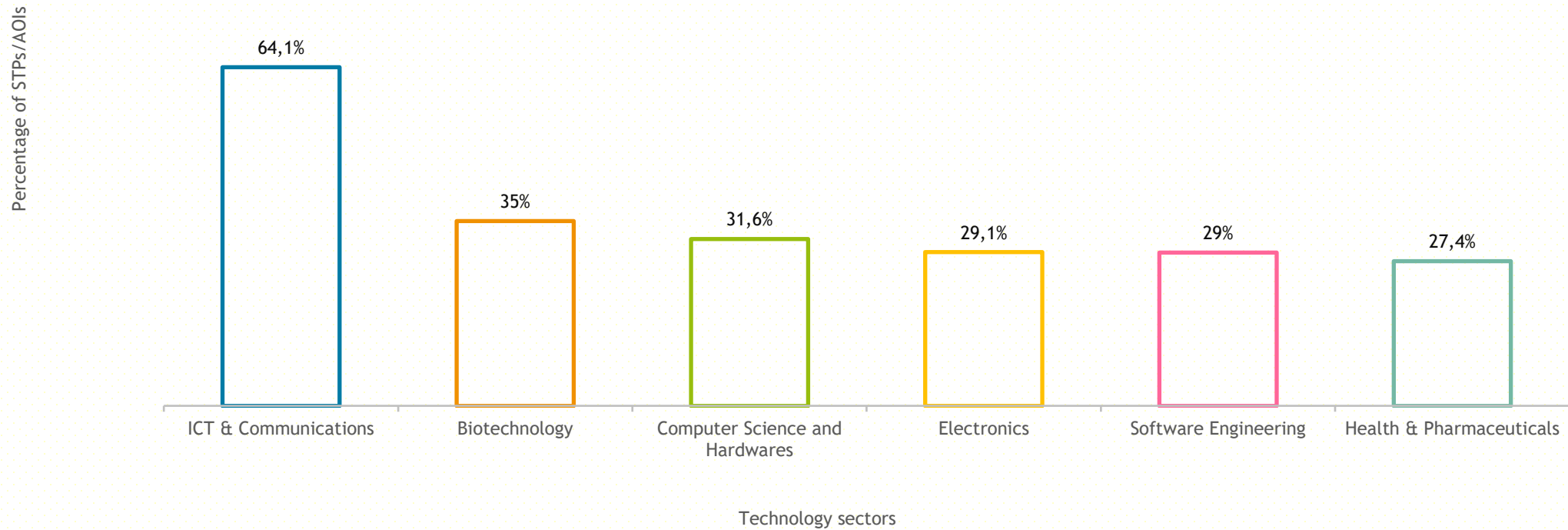


Source: IASP 2018

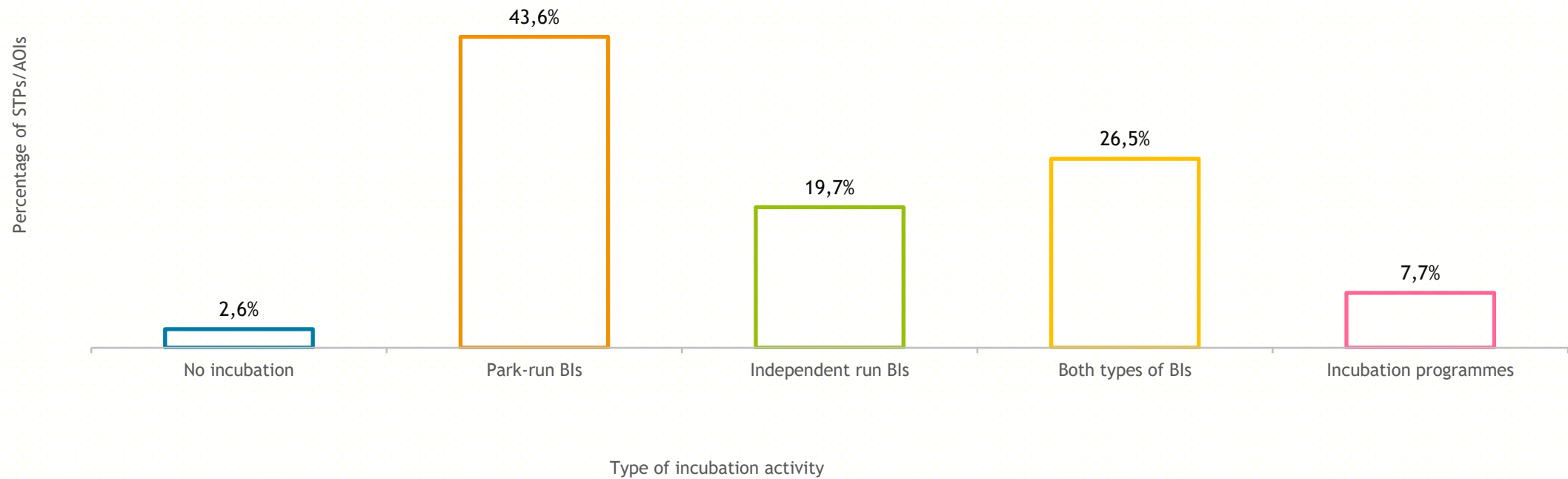
Ownership structure of STPs/AOIs



Technology sectors in STPs/AOIs



Incubation in STPs/AOIs



Source: IASP 2018

STPs/AOIs internationalisation

Most STPs/AOIs (80%) monitor their companies' internationalisation.

57.5% of these monitor the internationalisation occasionally, while the rest, 42.5%, do so regularly.



Companies
Internationalisation

64.8% of science parks and areas of innovation have signed at least one MoU with a STP/AOI located in another country.

The majority of them (40.6%) have between 3-5 international agreements.



International
Directors

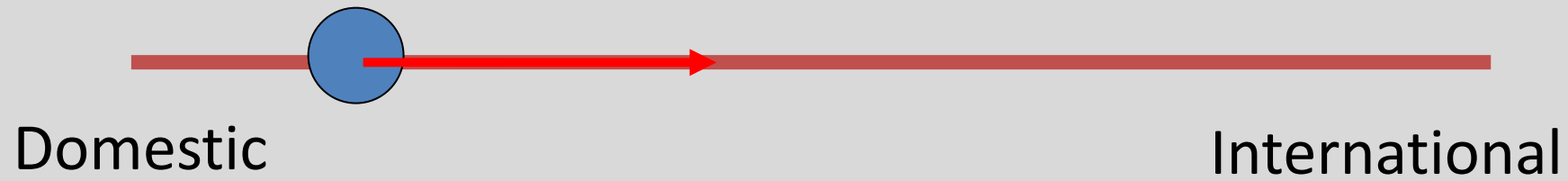
11% of STPs/AOIs include directors from another country on their board in order to increase the internationalisation of their organisation.



International
Agreements

Internationalisation

Axis 5- IASP Strategigram (©L. Sanz)



- STPs remain mostly domestic-based/focused projects
- **But** their global dimension is growing rapidly

STPs/AOIs internationalisation

Internationalisation for whom?

- For the park/areas
- For its companies

Internationalisation how?

- Attract inward investment?
- ‘Push’ its companies towards the global market?

Internationalisation strategies

- Incorporate the global dimension to your governing bodies
- Be active in international networks
- Intense work to create an STP/AOI brand:
 - Be known and visible.
 - Project the image of a valid model
 - Ready to share your knowledge
- Push your companies to the global market place; facilitate this process

Internationalisation strategies

- Change your mind set.
- Train your staff for their international work.
- Allocate a reasonable budget.
- Set specific objectives for your international networking activities.
- And the most important and difficult feature for a successful smart networking: **OPEN YOUR MIND!**



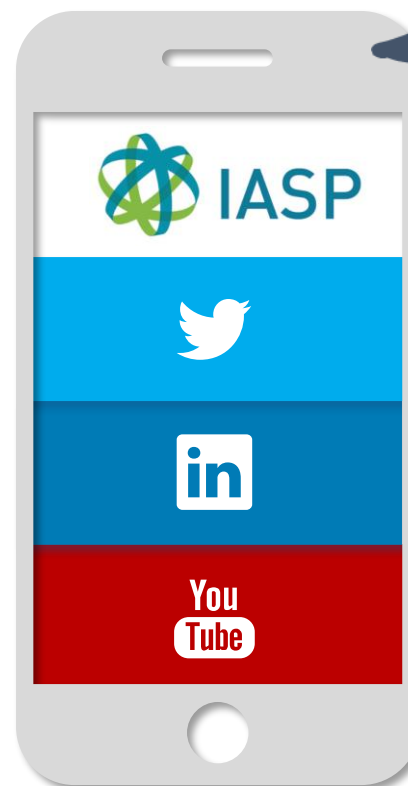
IASP

International Association of Science Parks
and Areas of Innovation

linking the best - www.iasp.ws

THANK YOU FOR YOUR ATTENTION

Laura Monasterio, Project & Knowledge Manager |
monasterio@iasp.ws



www.iasp.ws

[@iaspnetwork](https://twitter.com/iaspnetwork)

IASP - International Association
of Science Parks and Areas of Innovation

IASP visuals