



SUPPORTING INNOVATION: *THE SCIENCE & TECHNOLOGY PARK PROJECT*



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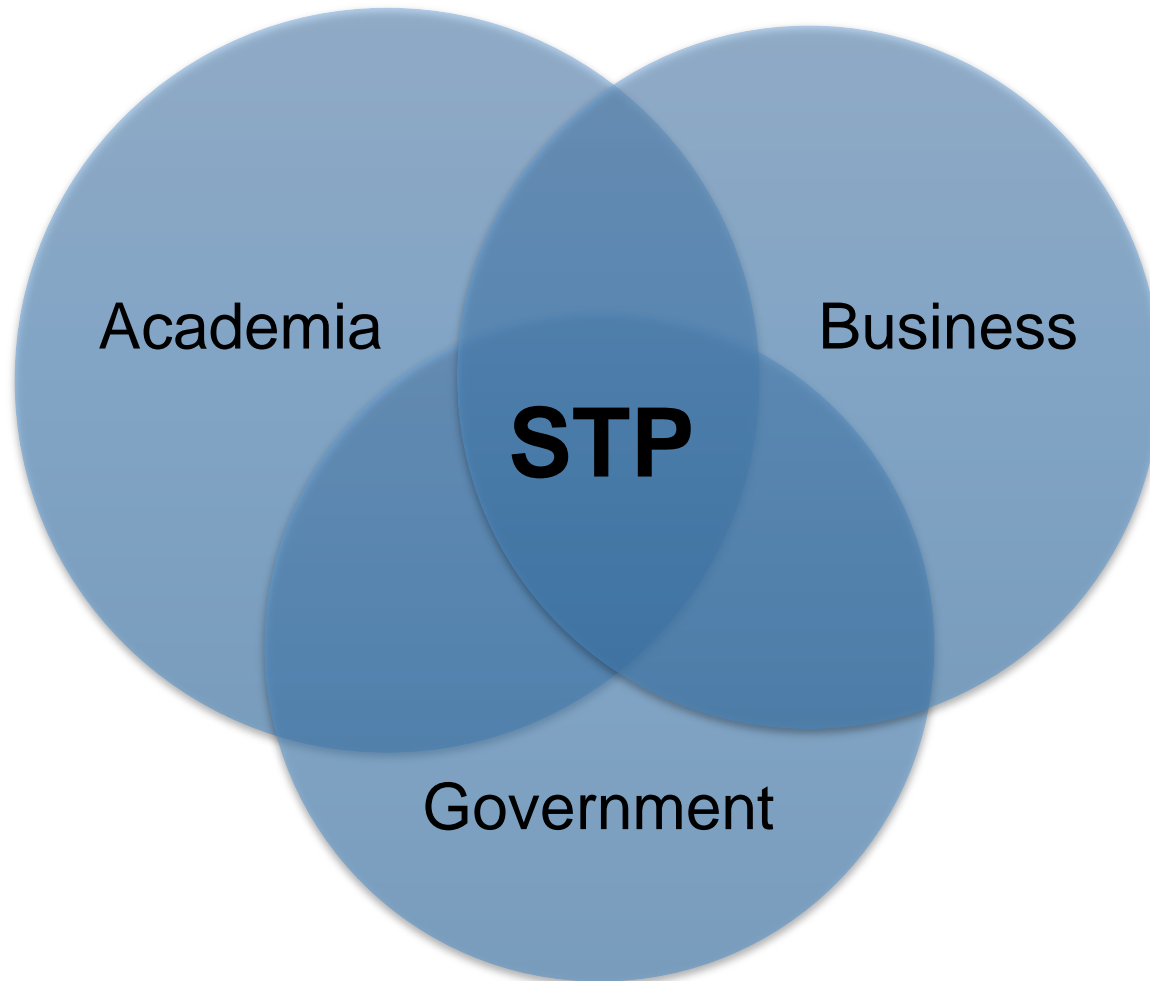


OPERATIONAL PROGRAMME
Development of the Competitiveness
of the Bulgarian Economy" 2007-2013

MISSION

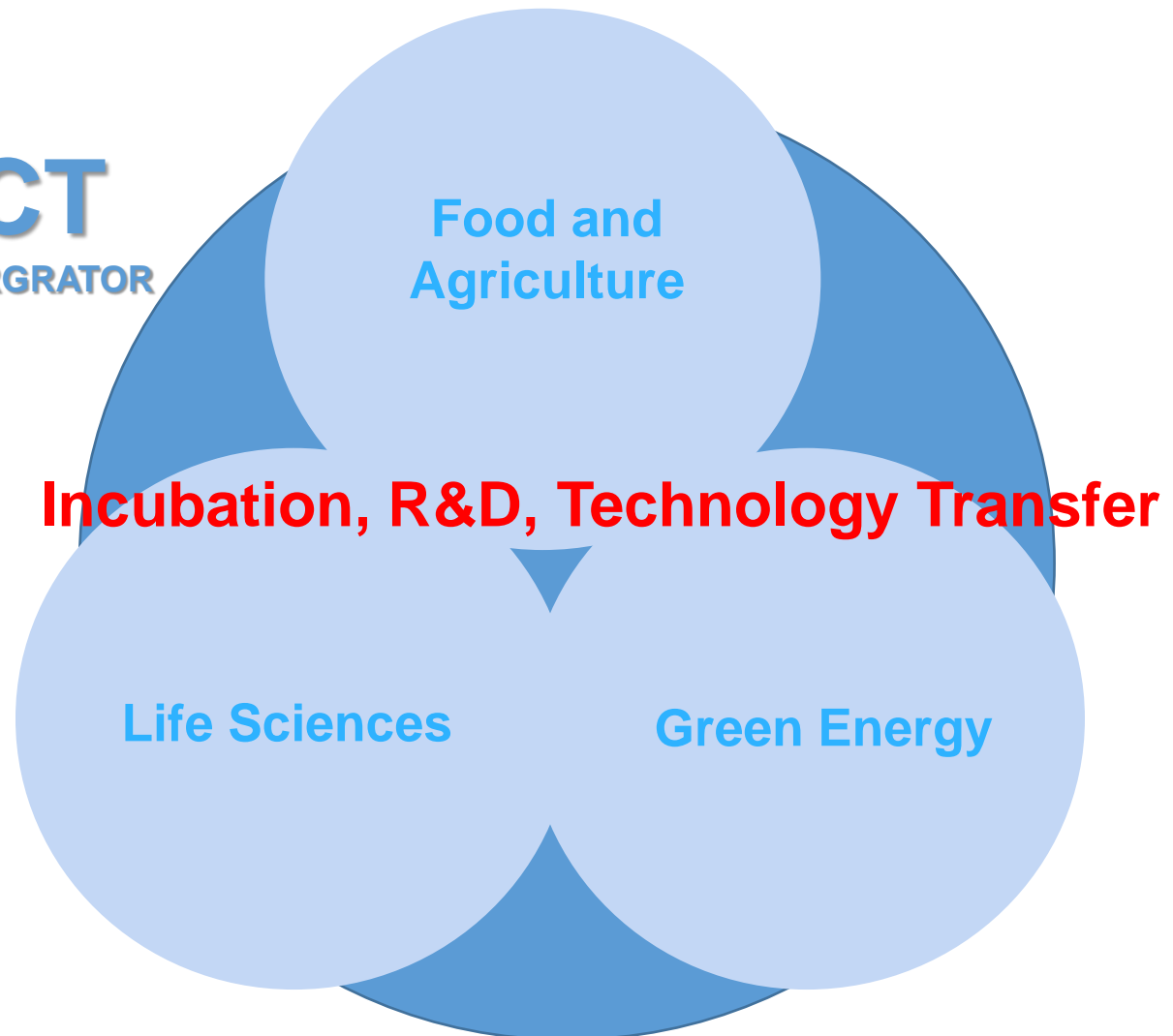
- **Science and Technology Park** is a government-driven project, designed to advance research, innovation and technology growth in Bulgaria.
- **Sofia** was chosen as the most suitable location – a place with the highest potential and concentration of universities, researchers, start-up businesses, NGOs, local and international R&D companies.
- It will become the **platform** where members of the innovation ecosystem in Bulgaria can meet, share ideas and collaborate.

*The Science & Technology Park in Sofia will build a bridge between **academia**, **business** and **government**.*



FOCAL AREAS

ICT
INTERGRATOR



MASTERPLAN



INCUBATOR

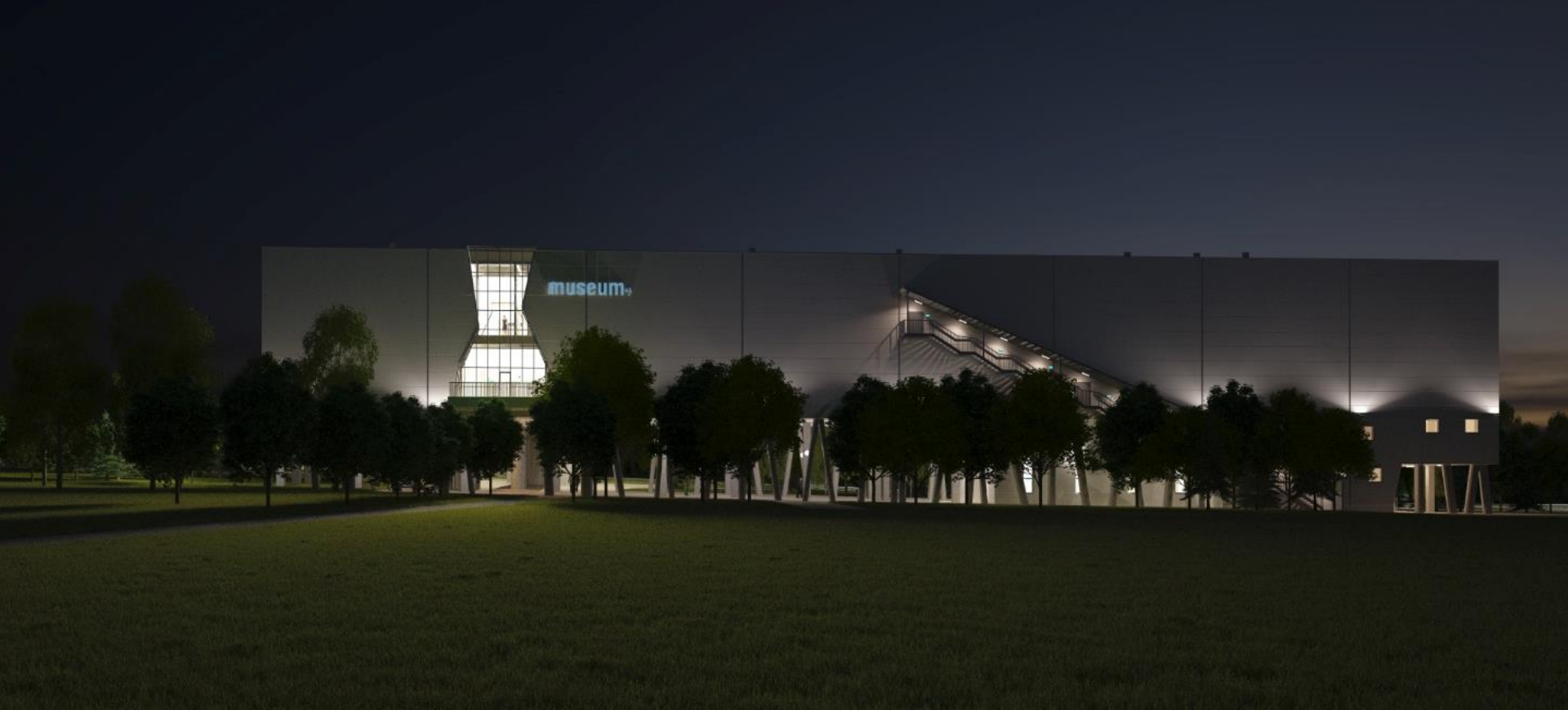
- The Incubator will host innovative technology-based **startup** and **spin-off** companies.
- It will gather the entire **startup ecosystem** of Sofia in order to ensure that incubated enterprises have access to an environment which supports the formation and development of innovation-led businesses..
- Incubatees will have access to over 4500 m² modern office space and a range of **business- and innovation-support services** to accelerate their development.
- The Incubator will be run by a professional service provider, which will be selected following open procurement.



MUSEUM / EXPERIMENTARIUM

- The Museum/Experimentarium will be the place where visitors can **interact with science and technology** and get an insight into the activities of the Park's tenants.
- The Experimentarium will feature **interactive expositions and activity programme**, consisting of a series of hands-on workshops, which will be designed to nurture the development of practical technological skills.
- Furthermore, the Experimentarium will serve as a **demonstration space** for incubated companies or partners of the science and technology park.
- In the **Exposition area** companies will have the opportunity to showcase innovative technologies in an interactive and engaging way.







INNOVATION FORUM

- The Innovation Forum will be the **meeting place** of the science and technology park.
- Through hosting events related to science, technology, education and entrepreneurship, the Forum will improve the communication between academia, business and society.
- It will facilitate the formation of an **ecosystem** for the transfer of knowledge and ideas.
- The Forum will have three mid-sized halls, which can be combined to form a single hall with a capacity of **1000 people**.

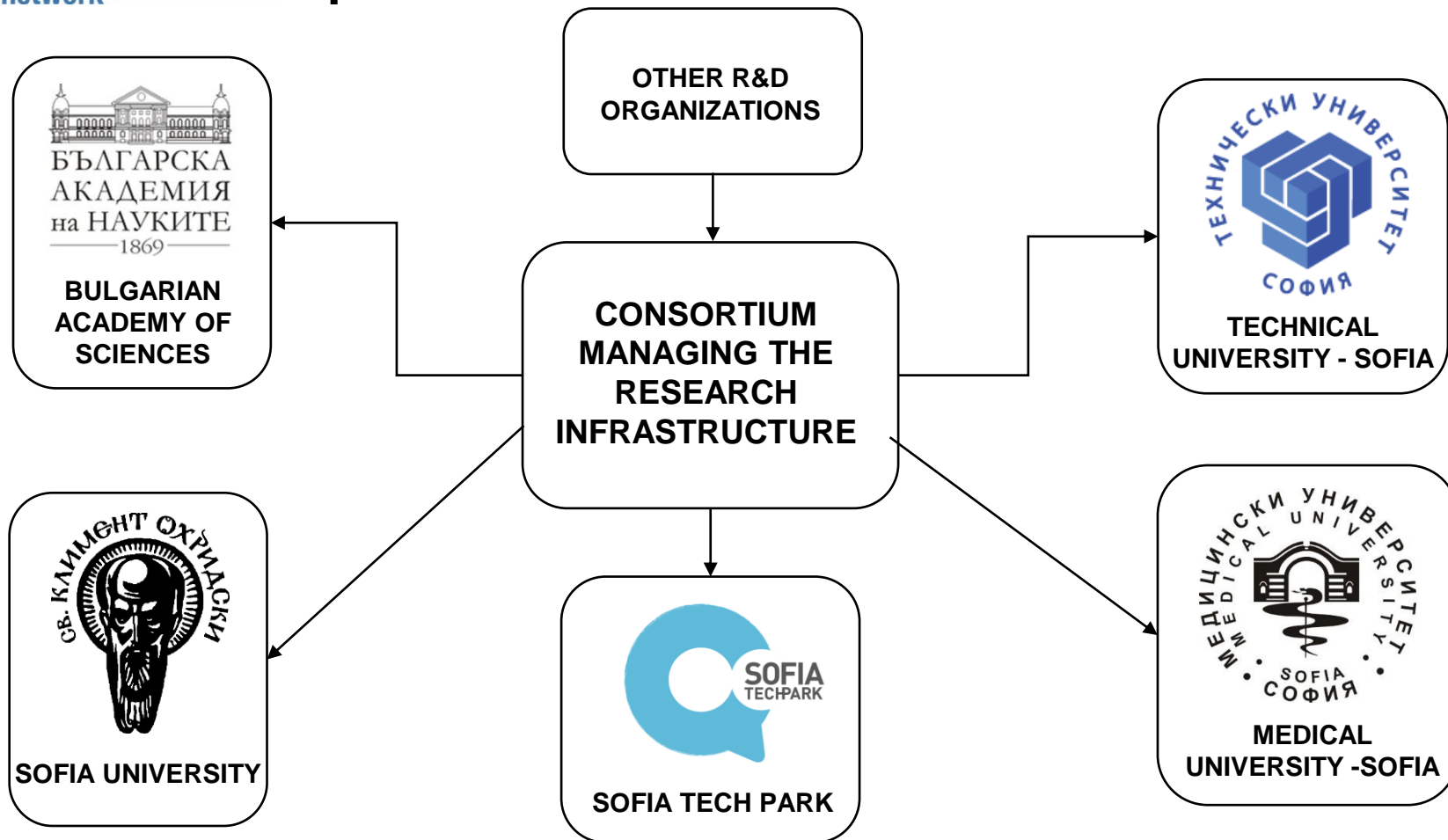




LAB COMPLEX

- The laboratory complex will consist of **11 laboratories** in the fields of ICT, life sciences and green energy.
- It will be operated by an independent **R&D&I Consortium**, established specifically for that purpose.
- Members of the consortium will be **leading Bulgarian research organisations** such as the Bulgarian Academy of Sciences, Sofia University, Technical University – Sofia and Medical University – Sofia.
- The consortium will conduct independent and collaborative fundamental and applied research, the results from which will be widely disseminated.

LABS MANAGEMENT



LABs content

- Biopharmaceutical Lab Complex (BioPharma)
 - “In vitro” laboratory for evaluation of biological activity and toxicity
 - Formulation development and characterization with “In Silico” design
 - Laboratory for extraction of natural products and synthesis of bioactive compounds
- Bioinformatics Lab (BioInfoTech)

- High Performance Computing (HPC) Lab
- Micro Nano Lab
- Bioinformatics (BioInfoTech)
- Virtual and Augmented Reality Lab
- 3D Laboratory for Rapid Prototyping
- Artificial Intelligence and CAD Systems Lab
- Intelligent Communication Structures Lab
- Cybersecurity Lab.

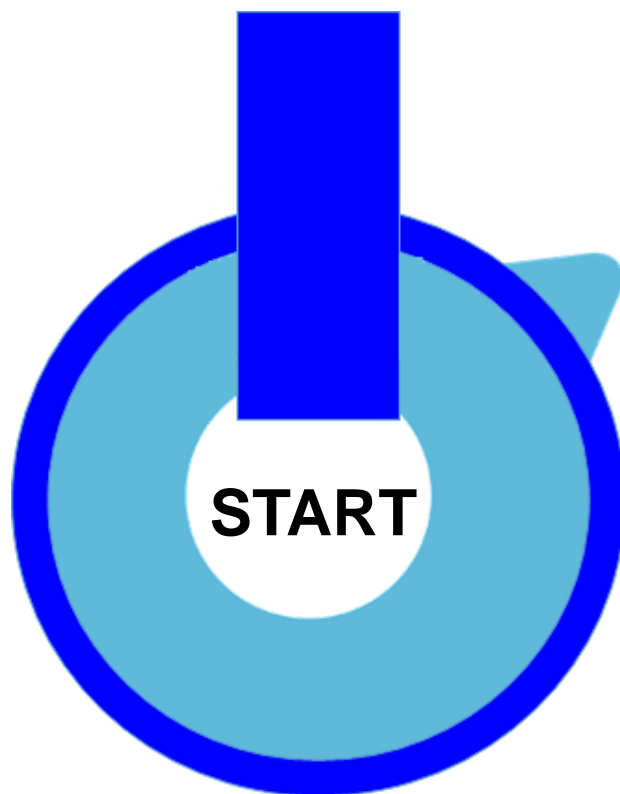




FUTURE STEPS

- **Organization of conferences, roundtables, seminars, education & training**
- **Delivery of laboratory equipment and software products**
- **Launch of the Incubation programme**
- **Database of the national research infrastructure**
- **Software platform for shared use of the research infrastructure**

2016



The project “Science and technology park” is implemented with the financial assistance of Operational programme “Development of the competitiveness of the Bulgarian economy” 2007-2013, co-financed by the European Union through the European Regional Development Fund and through the national budget.