

SCIENCE, TECHNOLOGY AND INNOVATION DIPLOMACY

The Case of Hungary

AGENDA

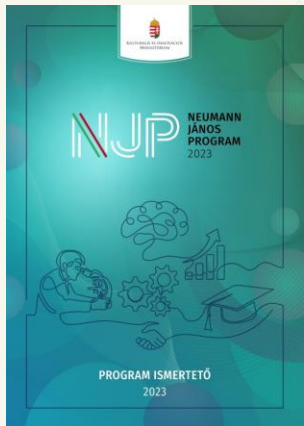
1. Strategic Priorities for Hungary's STI
2. Key Stakeholders Driving STI Ecosystem
3. Policy Tools and Funding Schemes

Strategic Framework for Hungarian ST & Innovation



The Research, Development and Innovation Strategy of Hungary (2021-2030)

- Strengthening Hungary's position within the European innovation ecosystem, with a focus on Horizon Europe participation and international partnerships.
- Facilitating **bilateral and multilateral collaborations** in research and development, particularly with strategically important countries.
- Emphasizing the role of **science diplomacy** to promote Hungarian innovation on a global scale, fostering knowledge exchange and joint project generation.

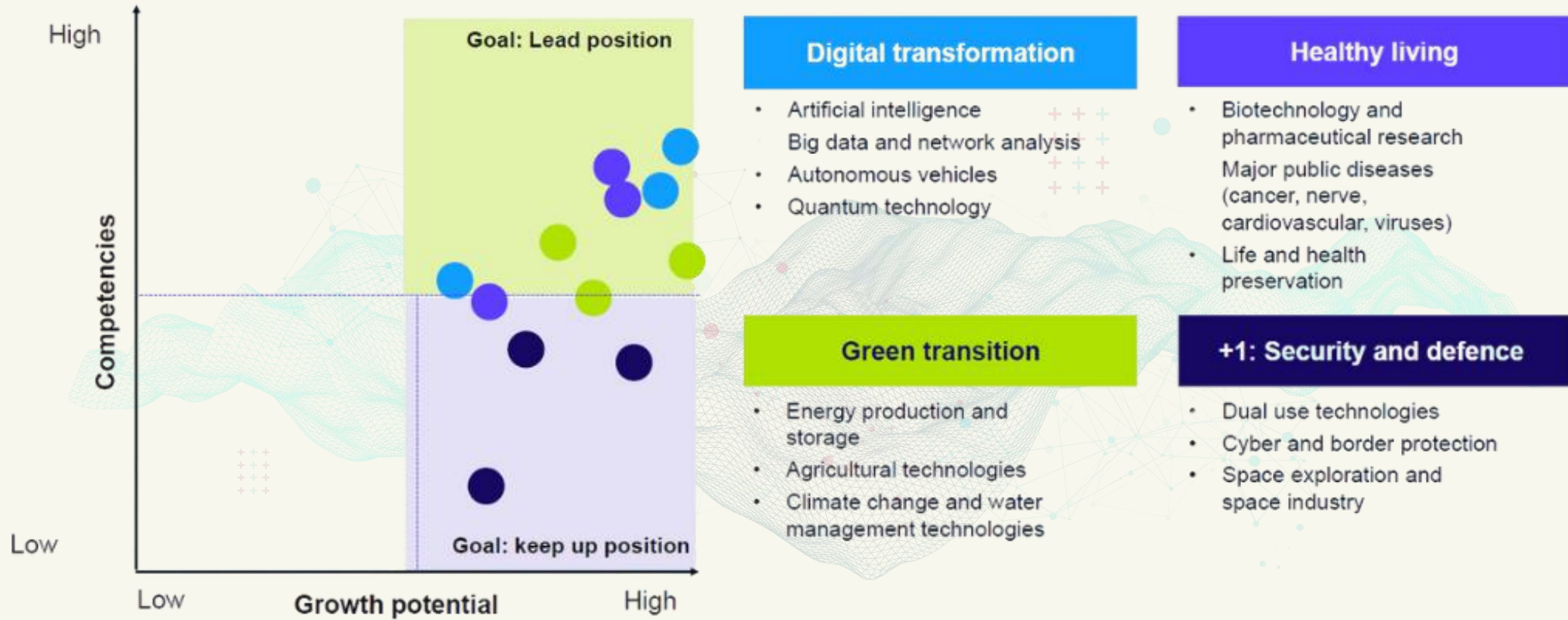


John von Neumann Program (NJP)

- Creating opportunities for **international research collaborations**, with specific focus on projects addressing global challenges like health, sustainability, and digital transformation.
- Supporting **mobility and partnerships** between Hungarian and international academic and research institutions.

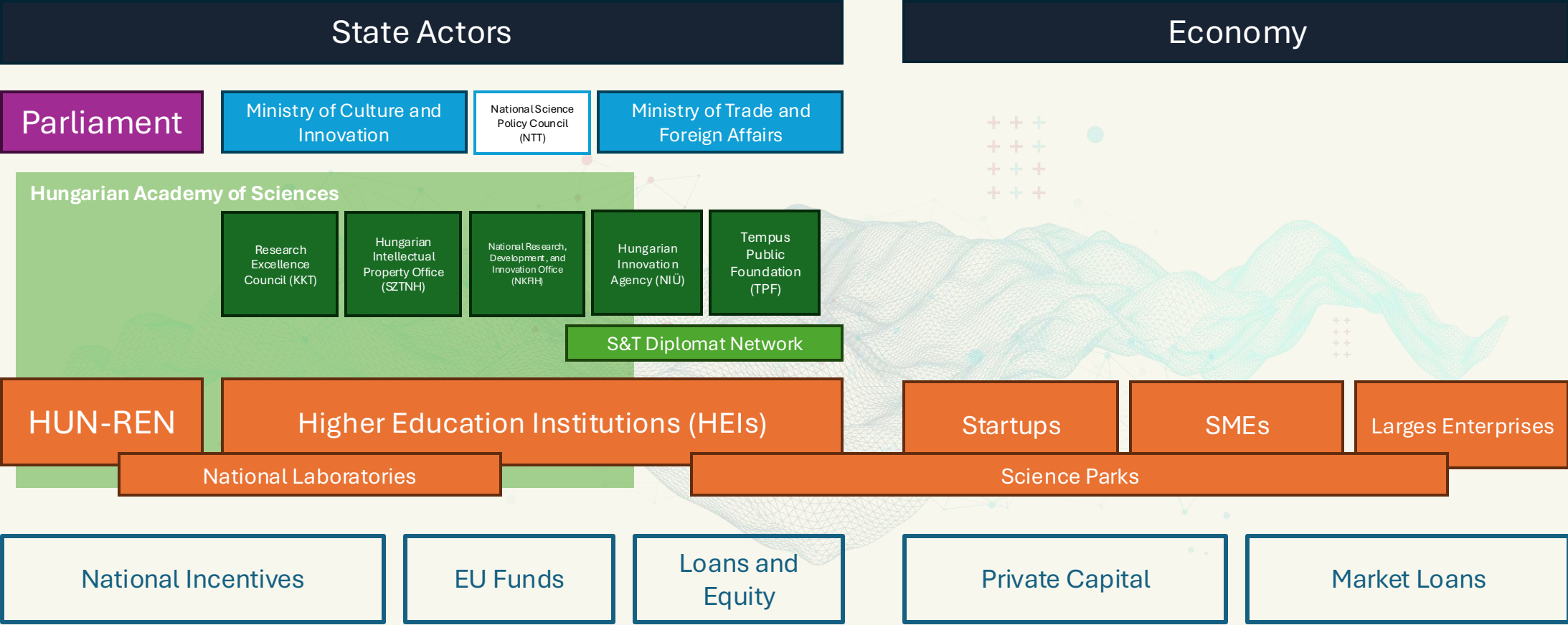
Hungary's STI diplomacy objectives are embedded within broader national innovation frameworks such as The Research, Development and Innovation Strategy of Hungary (2021-2030) and John von Neumann Program (NJP).

Focus areas defined for Hungarian science and innovation



Source: Ministry of Innovation and Culture

Multi-stakeholder ecosystem supports Hungary's S&TD efforts



Based on Ministry of Innovation and Culture (2024) with additions by the author.

„The smaller a country, the more active it must be diplomatically”

Bilateral S&T Cooperation

- Bilateral S&T agreements with nearly 40 countries.
- S&T Diplomat Network: 15 S&T attachés (Europe: 8, Asia: 4).
- Bilateral collaborations (eg. joint projects) in STI with strategically important countries.

EU Membership

- Boosting engagement in EU programs (eg. Horizon Europe)
- Representation in the strategic decision-making program committees; "supporting" grant schemes.
- Participation in the legislative processes of EU R&D and innovation policymaking.

Multilateral RDI Cooperation and Programs

- International large-scale research infrastructures (e.g., CERN, ESS, XFEL, EMBL).
- Multilateral intergovernmental cooperation programs (e.g., EUREKA, COST).
- Collaboration in policy-driven RDI initiatives (e.g., OECD, TAFTIE)

Funding Schemes: Strengthening Hungary's International STI Presence



PARTICIPATION IN HORIZON EUROPE

Supports Hungarian researchers and companies in participating in the EU's most important research framework program.



BILATERAL COOPERATION PROGRAMS

Facilitates researcher mobility and joint innovation projects with more than 15 partner countries.



HU-RIZON PROGRAM

Introduces a new national initiative to launch international research projects led by Hungarian researchers.



PANNÓNIA SCHOLARSHIP PROGRAM

Offers scholarships for Hungarian students, researchers and faculty to pursue academic or research opportunities abroad.



RESEARCH GRANT HUNGARY

Provides funding to support the research of the most outstanding international researchers in Hungary.



SCIENTIFIC PATRONAGE PROGRAM

Promotes the popularization of research results on the international stage.



STIPENDIUM HUNGARICUM PROGRAM

Facilitates the internationalization of Hungarian higher education by providing scholarships to international students.

WORLD SCIENCE FORUM

Budapest 2024

*The science and policy interface at
the time of global transformations*



WORLD SCIENCE FORUM
BUDAPEST