TOPSECTOR ICT

@Data Sharing Festival

The Hague, 4 February 2025

FRITS GROTENHUIS, DIRECTOR

TOPSECTOR
ICT
dutch digital

Data Sharing

- Data Sharing as a concept evolved over time, and does not really have one 'founder';

- According to ChatGPT, Data Sharing began with ARPANET, the predecessor of the Internet during the 1960s-1970s;

- In the 1990s, the World Wide Web was invented (Tim Berners Lee);

- In the 2000s, we had the Open Data Movement (Lawrence Lessig, CC);

- Over the past decade, Cloud Computing & Big Data took a rise;

- Last week, we learned about DeepSeek, Willow, and there is more to come!

INNOVATION POLICY

- The Dutch Ministry of Economic Affairs aims to strengthen the [Dutch] economic structure and competitive position worldwide.

- Ten top sectors have been prioritised, in which businesses, universities, and governmental organisations collaborate to tackle social challenges and boost economic prosperity.

- Topsector ICT is one of those ten top sectors.

ARTIFICIAL INTELLIGENCE

DATA SCIENCE, DATA ANALYTICS AND DATA SPACES

CYBERSECURITY TECHNOLOGIES

SOFTWARE TECHNOLOGIES AND COMPUTING

DIGITAL CONNECTIVITY TECHNOLOGIES

DIGITAL TWINNING AND IMMERSIVE TECHNOLOGIES

NEUROMORPHIC TECHNOLOGIES

AIC4NL

CoE DSC

dcypher

TNO

FUTURE NETWORK SERVICES 6G

CIIIC

SURF

human capital agenda ICT.

Valorization

INTERNATIONALISATION

National Technology Strategy

Earning Power

Societal Challenges

National Security

Current Position

Priorities NTS

Ministerie van Economische Zaken en Klimaat
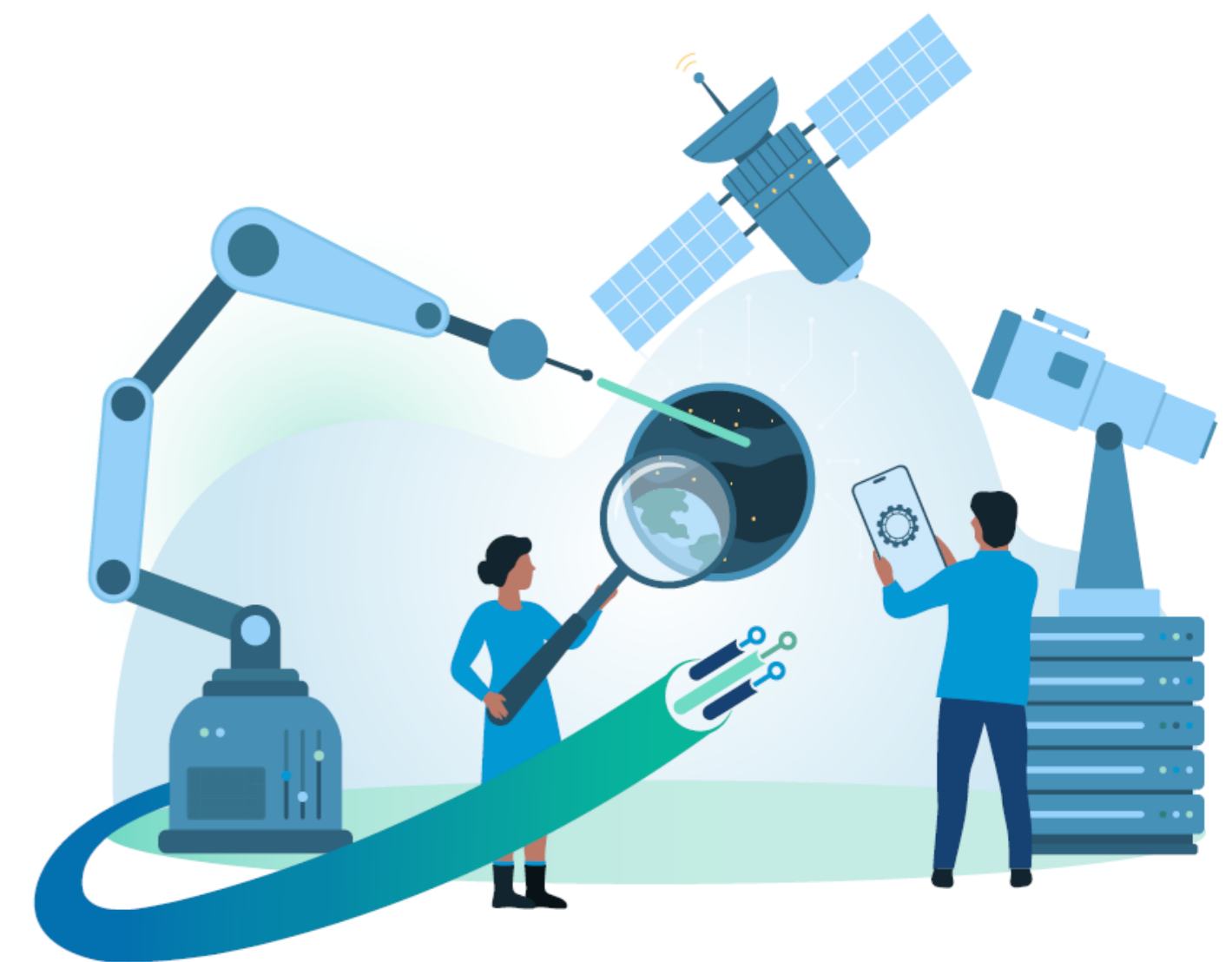
De Nationale Technologiestrategie
Bouwstenen voor strategisch technologiebeleid

National Technology Strategy
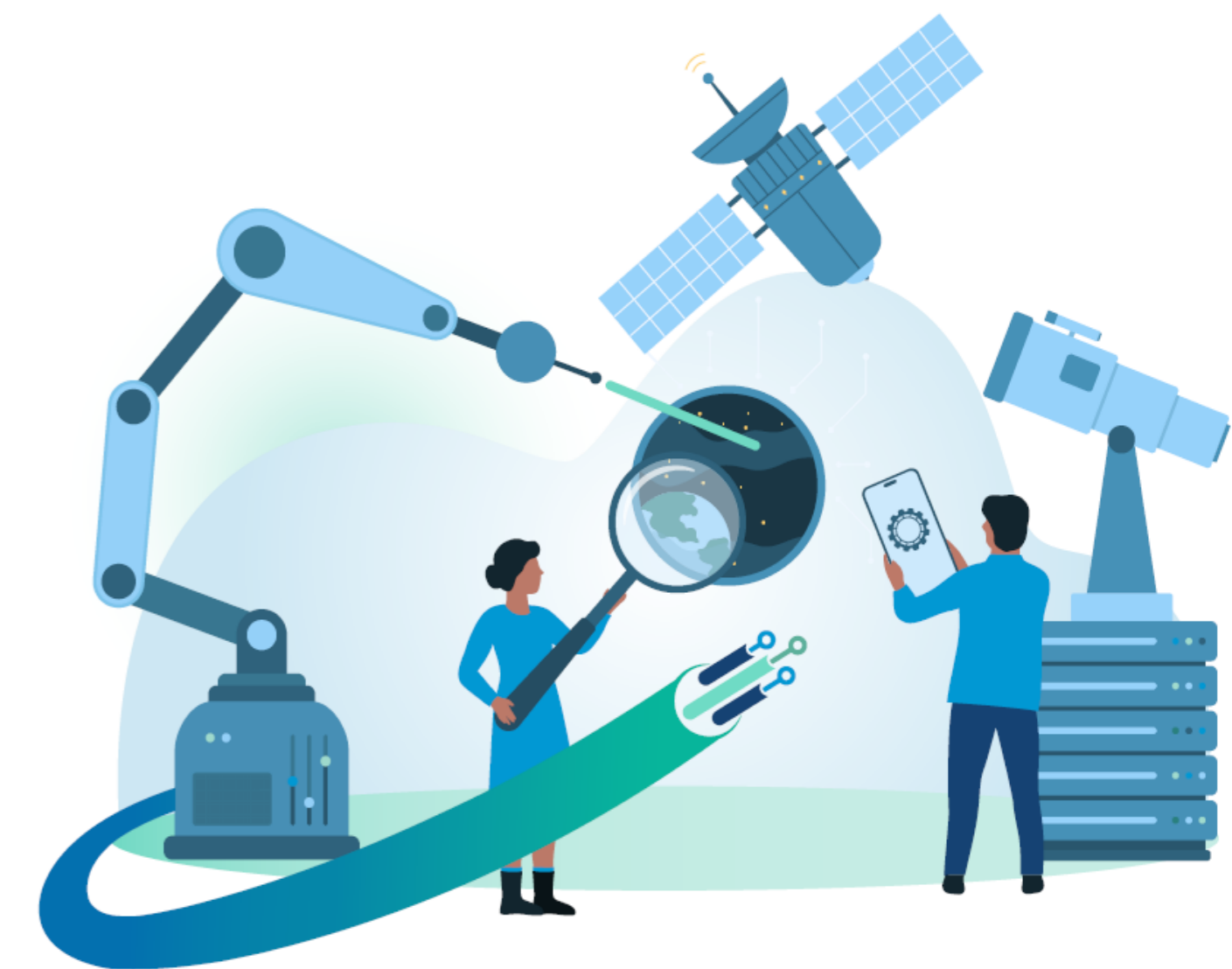
- Focus on 10 priorities, including AI / Data, next to Cybersecurity Technologies;

- Topsector ICT coordinates the development of the national action agenda's AI / Data and Cybersecurity, geared at future R&D&I projects;

- We co-develop in close collaboration with the Ministry of Economic Affairs, and key stakeholders such as the Centre of Excellence for Data Sharing & Cloud

- The coming period we will organize market consultations, in order to deepen our understanding and to test first results, including potential flagship projects.

Ministerie van Economische Zaken en Klimaat

De Nationale Technologiestrategie
Bouwstenen voor strategisch technologiebeleid

Thank you!

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