



4TU-meeting on the National Technology Strategy (NTS): *working together towards concrete action-agenda's*

What: Meeting between 4TU's, EZK, HHT and NWO about the National Technology Strategy

Why: To get informed about NTS
To contribute to setting up action agenda's
To be prepared for possible funding opportunities

for Whom: Scientists working on:
- Optical systems and integrated photonics
- Imaging technologies
- Energy materials
Managers and support officers of research on key technologies

When: Wednesday, July 3 2024, 13.30-17 hrs (lunch at 12.30; drinks at 17 hrs)

Where: Basecamp, Nijverheidsweg 16A, 3534 AM Utrecht (<https://basecamp utrecht.nl>)

Register: Please fill in this [Google Form](#)
If you join the drinks & food at 17 hrs, please register also [here](#).

Programme

- 12.30-13.30 Walk-in lunch
- 13.30-13.45 Welcome and introduction (4TU and Engineering Deans)
- 13.45-14.30 Getting informed
- **Bram Henneman (EZK):**
Background of National Technology Strategy and implementation
 - **Koen Vermeer (Holland High Tech / KIA Sleuteltechnologieën):**
Knowledge and Innovation Agenda's Key Technologies and action agenda's
 - **Frans van der Wel (NWO):**
NWO Funding opportunities related to NTS
 - **Wilbert IJzerman (Signify and TU/e):**
Example: Towards an action agenda for optical systems and integrated photonics
- 14.30-15.00 Coffee Break
- 15.00-16.30 Parallel sessions: how to get to action agenda's
- Optical systems and integrated photonics
 - Imaging technologies
 - Energy materials
- 16.30-17.00 Key takeaways from parallel sessions, next steps & closure of the meeting
- 17.00 hrs Drinks, food & networking @ [Holland High Tech Network Event](#)
(@Werkspoorkathedraal, 5 minutes' walk from Basecamp)



Background information

The National Technology Strategy (NTS)

On January 19 2024, the Dutch cabinet established the [National Technology Strategy](#) (NTS), developed by the Dutch Ministry of Economic Affairs and Climate (EZK). The NTS presents building blocks for strategic technology policy by prioritising 10 *key technologies* in which the Dutch knowledge sector and industry can make a positive impact and in which The Netherlands can realise a unique position. These technologies are:

- Optical systems and integrated photonics
- Quantum technologies
- Process technology, including process intensification
- Biomolecular and cell technologies
- Imaging technologies
- Mechatronics and optomechanics
- Artificial intelligence and data science
- Energy materials
- Semiconductor technologies
- Cybersecurity technologies

Implementation of the NTS

For each of these ten technologies, agendas have been defined, consisting of ambitions and aims concerning the Dutch position in 2035. The Top Sector High Tech Systems and Materials (HTSM; Holland High Tech - HHT), through the programme 'Knowledge and Innovation Agenda Key Technologies' will transfer these agenda's into concrete action agenda's. In future, financial instrumentation and/or programmes of NWO may have a specific focus for these ten technologies.

Reasons for this meeting

To be prepared for possible future funding opportunities and to contribute to the action agenda's that will be created, 4TU, together with EZK, HHT and NWO have taken the initiative to organise this meeting. Focusing on all ten technologies in one afternoon would be too much. Therefore we have selected three technologies that we will focus on in this meeting, i.e.:

- Optical systems and integrated photonics
- Imaging technologies
- Energy materials

HHT has already started to get people together from the field of 'Optical systems and integrated photonics' to take the first steps to generate an action agenda. Other fields can learn from this experience. In order to be able to set-up an action agenda the ecosystem of a specific field has to be identified. HHT would like to receive input on the ecosystems for the fields of 'Imaging technologies' and 'Energy materials', which is why we particularly invite scientists from these two fields. In addition we invite managers and support officers of research on all key technologies, to learn about the NTS, the next steps and getting prepared for developing action agenda's for the other fields. If successful, we may organise similar meetings for the other fields in (the near) future.