



Demcon Kryoz 18 September 2025

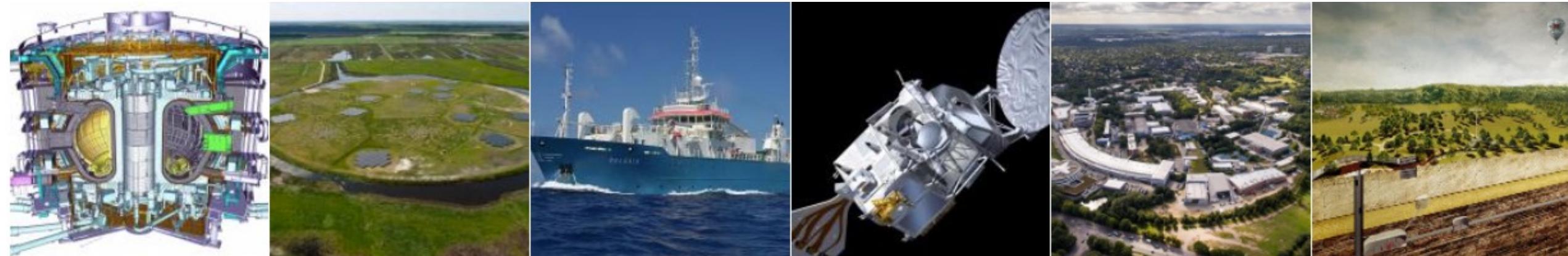


## Vision

Performing Big Science is only possible through long term international collaborations aimed at doing excellent science. Supplies from industry are fundamental to building the envisioned infrastructures. The requirements from science challenge high tech companies to innovate and perform at the highest technical levels and collaborate intensively with the science community.

## Ambition

BigScience.NL aims to make the connection between Big Science Organisations and industry, matching the needs of Big Science Organisations with the competences of the national industry to provide the Big Science Organisations with competitive offers and functional equipment. At the same time, it provides industry with interesting tenders to obtain revenue, foster innovation and visibility (marketing).



## Main tasks

- Link network of high-tech companies to needs of Big Science Organisations
- Participation in industrial fairs by organising a joint company booth
- Maintaining an informative website & issue a regular newsletter
- Organise meetings to inform industry about opportunities
- Three core areas:
  - Co-development
  - Knowledge transfer
  - Geo-return (tenders)





**SPIE Astronomical Telescopes & Instrumentation, Yokohama, Japan**



**Big Science Business Forum, Trieste, Italy**



# International Events

**Symposium on Fusion Technologies, Dublin, Ireland**



# NL Industry Liaison Officers

Organisation	Name & Role	Institute
<b>CERN &amp; ET</b>	Jan Visser – BigScience.NL coordinator, Accelerator & Gravitational waves facilities	Nikhef
<b>ET</b>	Rob van der Meer – Gravitational wave facilities	Nikhef
<b>ESA</b>	Jan Geralt bij de Vaate – Space	SRON
<b>ESO</b>	Ramón Navarro – Optical telescopes	NOVA
<b>ITER – F4E</b>	Tugay Turan – Fusion	DIFFER
<b>HMFL/FELIX</b>	Meike Arnold – Ultra high field magnets & Free electron lasers	HFML/FELIX
<b>LOFAR &amp; SKA</b>	Wiebe van Breukelen Lukasz Nowak – Radio Telescopes	ASTRON
<b>NIOZ</b>	Marck Smit – Sea and ocean research	NIOZ
<b>NWO-I</b>	Robbelien Kooistra – Strategic policy support	NWO-I

# Connections and roles

## European connections

### Jan Visser

- Board member PERIIA -Pan-European Research Infrastructures ILO association
- Member Accelerator Industry Permanent Forum (AIPF)
- INPROCAP – EU Project on innovation procurement

### Robbelien Kooistra

- INPROCAP – EU Project on innovation procurement

## Dutch connections

- Ministry of Economic Affairs
- Ministry of Science & Education & NWO
- Institutes & Universities
- Holland High Tech
- Mikrocentrum
- TNO
- Many companies



CERN

The European Organization for Nuclear Research



ESRF

European Synchrotron Radiation Facility



ITER

ITER ("The Way" in Latin)



F4E

Fusion for Energy



esa

The European Space Agency



ESO

European Organisation for Astronomical Research



SKA

We provide information



AMICI

Accelerator and Magnet Infrastructure for Cooperation and Innovation



XFEL

X-ray Free-Electron Laser



DESY

(Deutsches Elektronen-Synchrotron)



PPPL

Princeton Plasma Physics Laboratory



Diamond

UK's national synchrotron science facility



ECMWF

The European Centre for Medium-Range Weather Forecasts



ESS

European Spallation Source



KM3NET

(geen tender website / no tender website avialable)



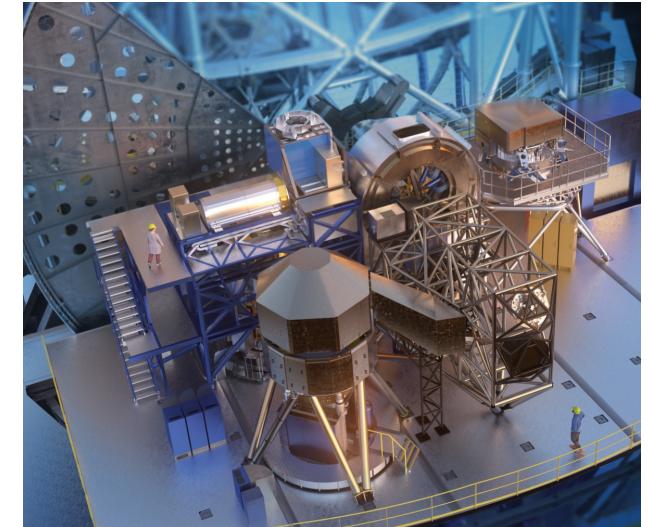
LOFAR

(geen tender website / no tender website avialable)

# Webinars to join

## ESO Extremely Large Telescope Instrumentation

- 1 October
- <https://indico.desy.de/event/49434/>



## CERN Electromechanical Instrumentation

- 15 October
- <https://indico.cern.ch/event/1579608/>



# Events to join

## Industry afternoon at Brainport Industries Campus Eindhoven

- 5 November from 12 to 17:30



Brainport Industries  
Campus

## INPROCAP at 1931, Den Bosch

- Big Science Challenges
- 12 November from 9 to 11
- (Precision fair starts next door at 10)

## Precision Fair

- 12 & 13 November, Den Bosch

## APPEC Tech Forum, Maastricht

- Vacuum & Cryogenics Industry meets Academia
- 24 – 26 November



**INPROCAP**

**REGIONAL EVENT**

New opportunities in BIG SCIENCE INNOVATION PROCUREMENT

 **12. November 2025, 9.00-11.00**

 Conference Centre 1931  
Oude Engelenseweg 1  
5222 AA 's-Hertogenbosch (NL)

- Discover opportunities for small and medium-sized enterprises
- Engage with Innovation Liaison Officers who know your regional innovation ecosystem
- Cross-border networking

[www.bigscience.nl](http://www.bigscience.nl)

 Funded by the European Union

## Route to connections with

- Our network
- Big Science Organisations
- *Join our database*

## Companies

Search for companies →

### Line of work

- Detectors & Sensors
- Electronics
- Cryogenics
- Cabling & Connectors
- Diagnostics & Metrology
- ICT
- Materials
- Materials Handling
- Mechanics
- Mechatronics
- Magnets
- Photonics
- Remote Handling
- Vacuum

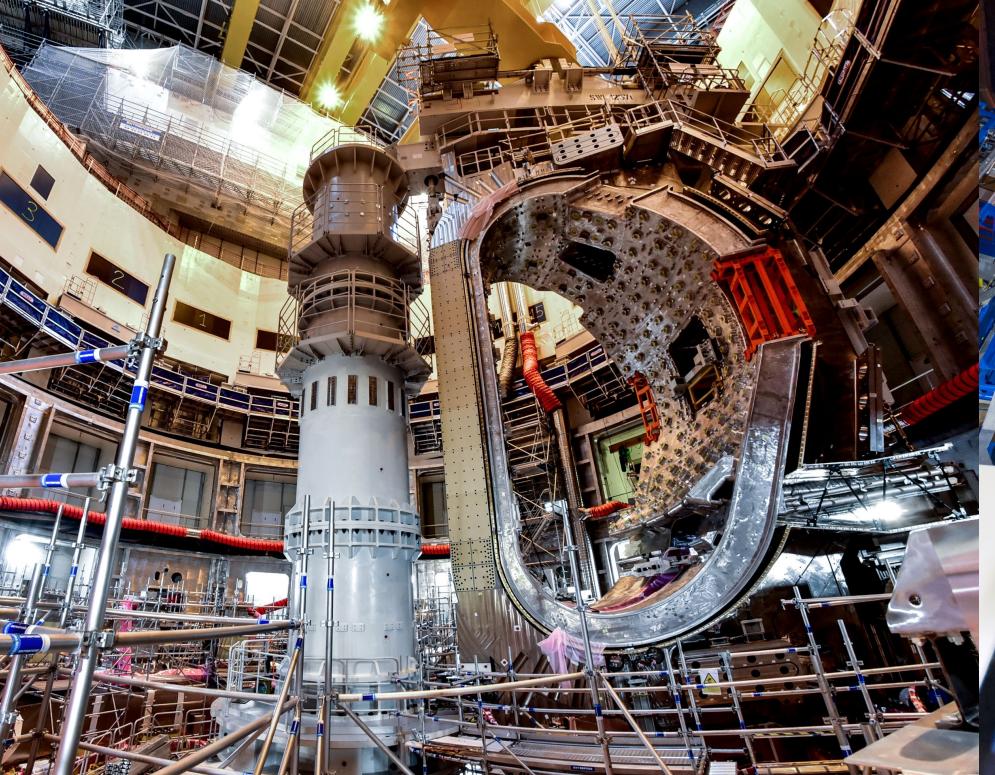
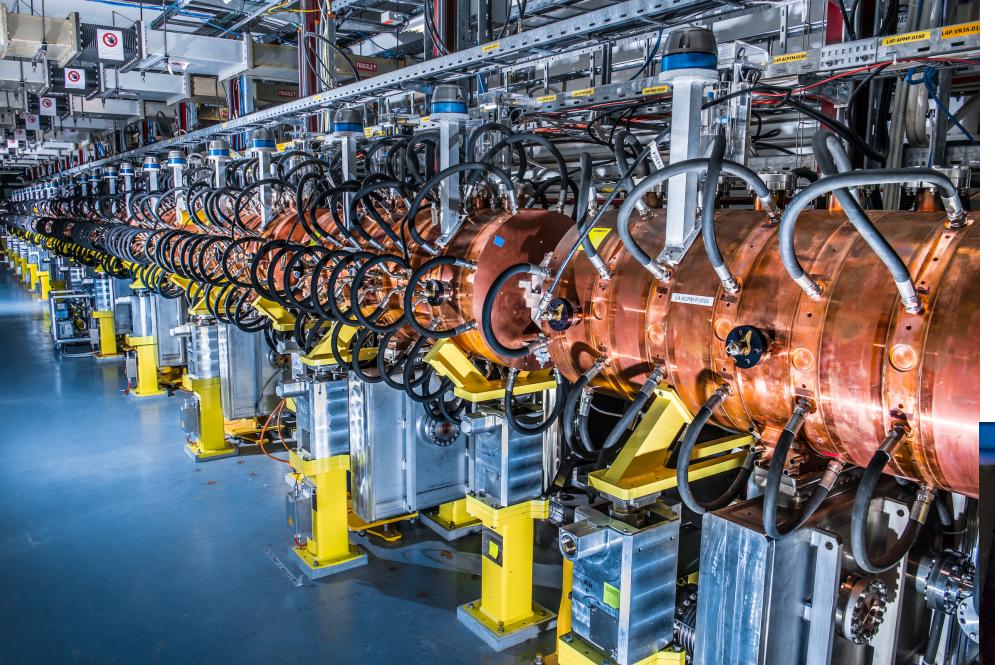
### Activities

- Engineering
- Production
- Test & Measurement
- Consultancy
- Assembly
- Research & Development
- Software
- System Supplier
- Project Management
- Machining
- System Engineering

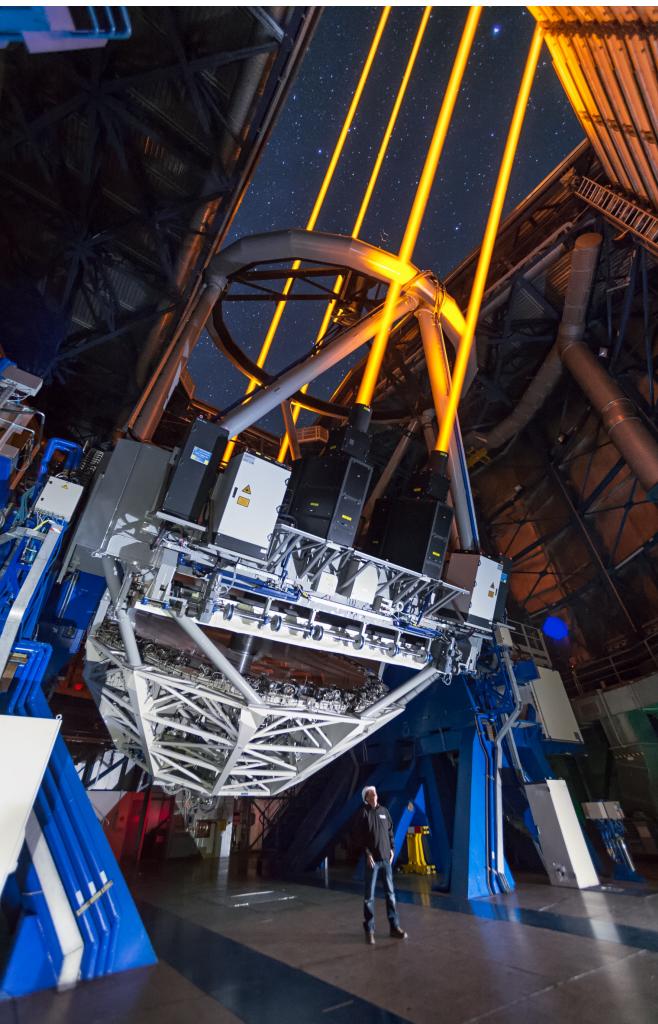
## Overview of visited companies

- Important to see facilities and understand key competences
- Inform BSOs of unique skills
- Sharing info between ILOs





# Questions?



# Big Science Business Forum 2026

27 – 30 October 2026

MECC, Maastricht, The  
Netherlands

- \* Follow us on LinkedIn
- \* Sign up for newsletter at  
<https://www.bsbf2026.org/>

