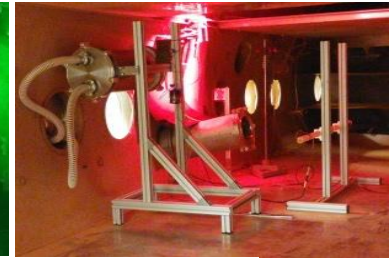
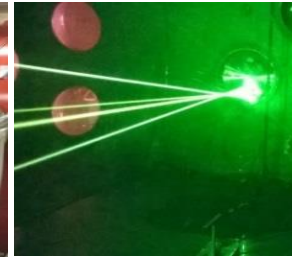




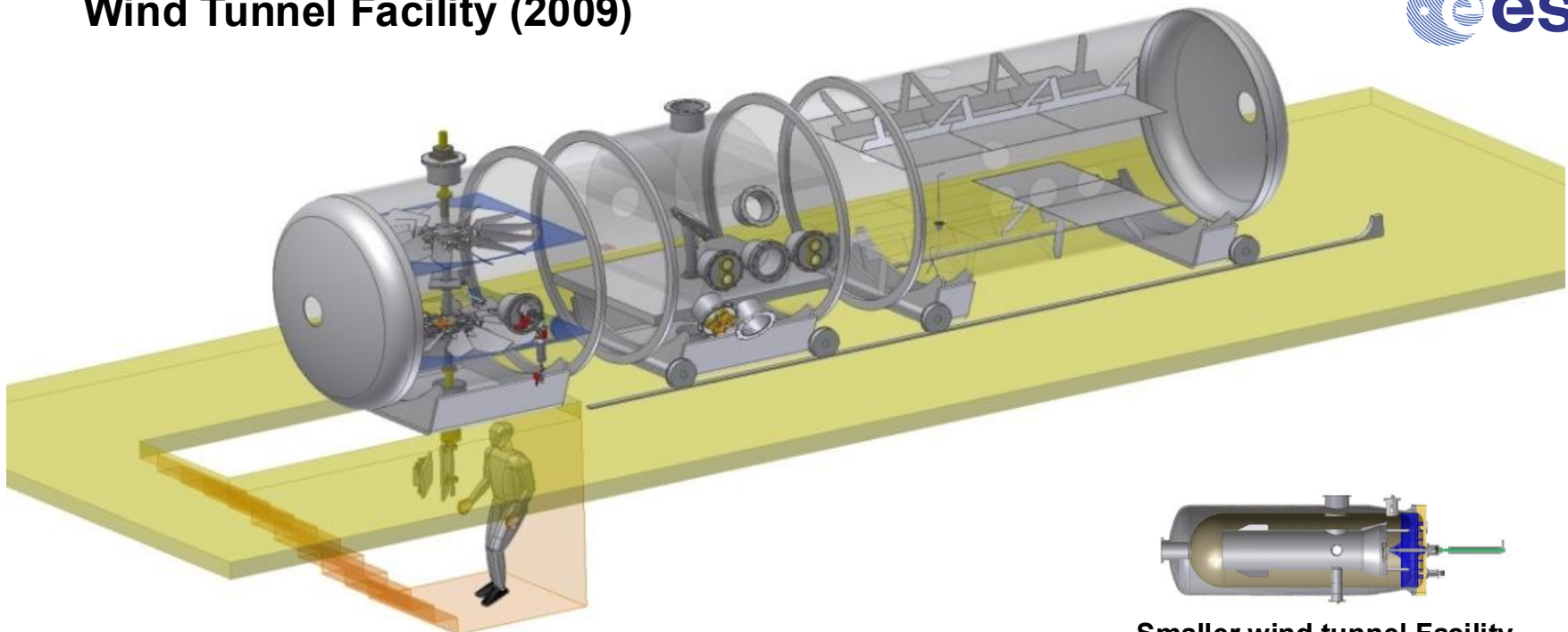
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Planetary Environment Facility (PEF)

Jon Merrison, Jens Jacob Iversen, Keld Rasmussen



Wind Tunnel Facility (2009)

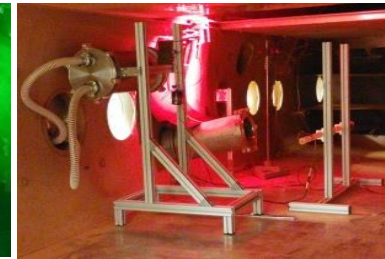
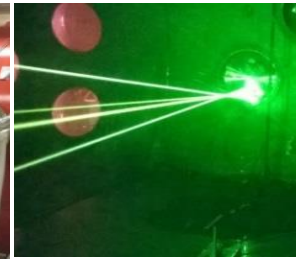


Smaller wind tunnel Facility
(since 2000)



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Planetary Environment Facility (PEF)

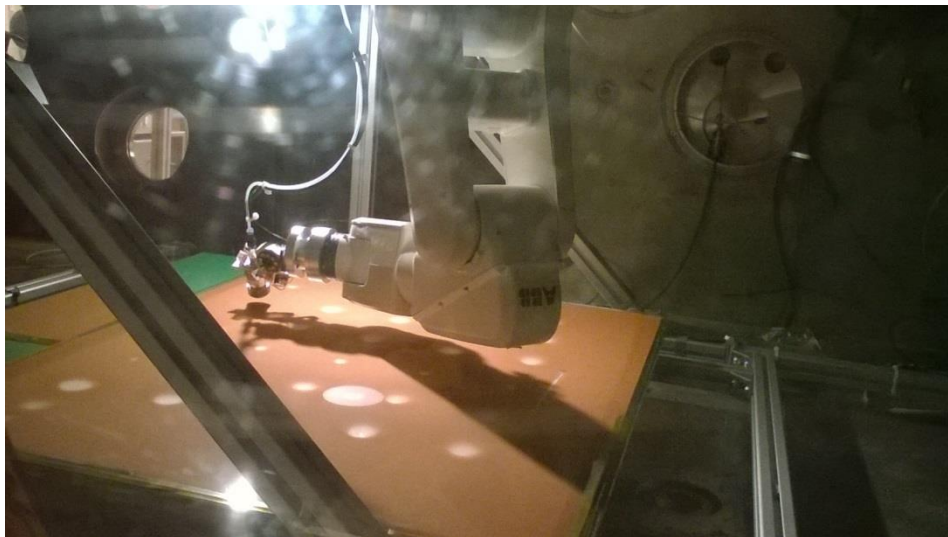


Testing Technology

Industry (ESA/NASA)

Collaborative Research

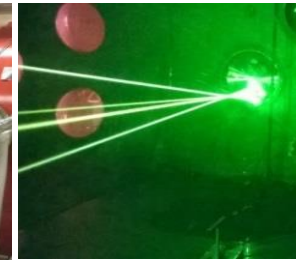
EU networks (e.g. Europlanet)





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Industrial Contracts



Industrial contracts 26 companies (2013-2023)

ESA ExoMars 2020

OHB/KayserThrede, Germany

Airbus UK

NEPTEC Canada

RYMSA ESPACIO Spain

MDA Canada

RUAG, Austria

AXON, France

Leonardo/SELEX, Italy

SENER, Poland

SENER, Spain

Thales Alenia Space, Italy

Tekniker, Spain

Universidad Carlos III Madrid, Esp

Seram Coatings, Norway

ESA ExoMars 2016 / AURORA

INAF/FMI/Oxford

INAF Italy

NPL, UK

OU UK

MagnaParva UK

CNES, France

SELEX, Italy

NASA Mars 2020

UPC REMS Spain

JPL USA

CSA Canada

Imperial London UK

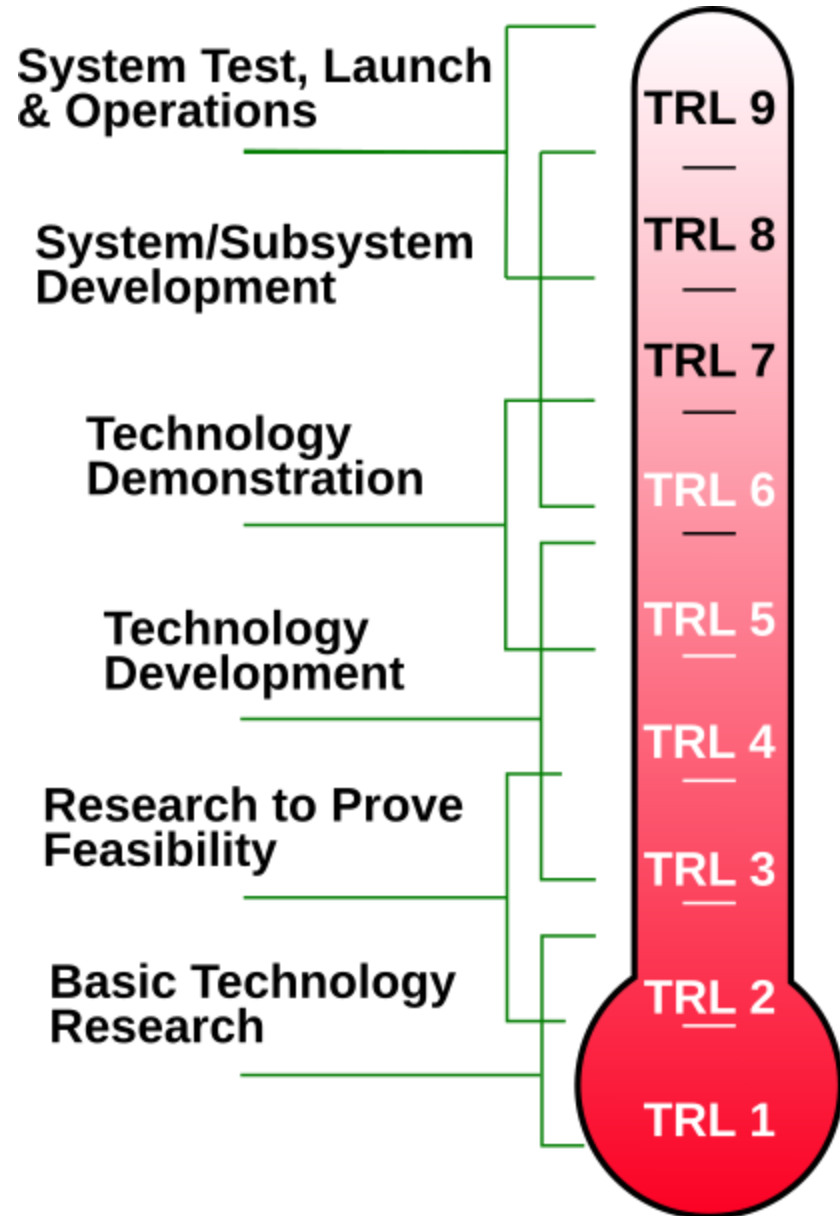
ISAE-SUPAERO, France



Testing: TRL

(Exploration)

Level 6 –
System Adequacy
Validated in Simulated
Environment





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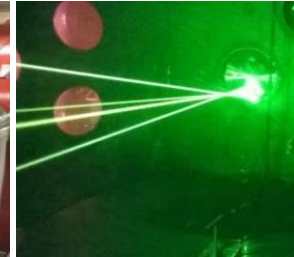
esa **ESA Ground Based Facility**
SciSpacE CORA



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External Research Projects



Research/Training Projects

- **6 EU research networks**
- 82 publications,
- >300 users,
- >1000 visitors/year

40 collaborative research projects

Research Collaborations

Oxford University UK
Cornell University USA
Open University UK
JPL USA
Bern CH
PSI CH
UNIGE CH
FMI Finland
Oxford University UK
INAF Italy
Naples University Italy
John Hopkins University USA
TUB Germany
UPC Spain
SETI USA
ISAE-SUPAERO France
University Bordeaux France
IRAP France
Sorbonne, France
CNRS, France

Uni. Rennes
Uni. Nantes
DLR Germany
LMU Germany
INGV Italy
UCL Belgium
Imperial College London UK
IRSN France
SWRI USA
University of Rome T. Vergata, Italy
PSI CH
KU DK
DTI DK
NLL Risø, DK
Tufts University, USA
University Amsterdam, NL
Utrecht University, NL
Ben Gurion University, Israel
University of Tuscia, Italy
University Manchester, UK

International Research networks

- **Planetology (Europlanet)**
- **Volcanology Network**
- **Meteorology Network**
- **Aerosol**
- **Aeolian**