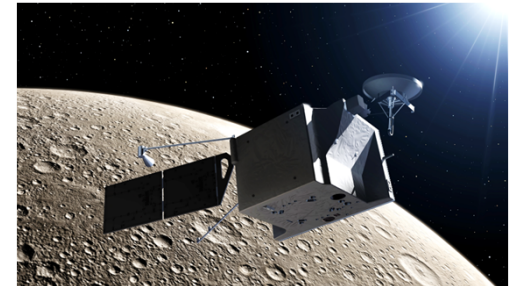




TRÆK VIRKSOMHEDERNE IND I UNDERVISNINGEN

HORSENS

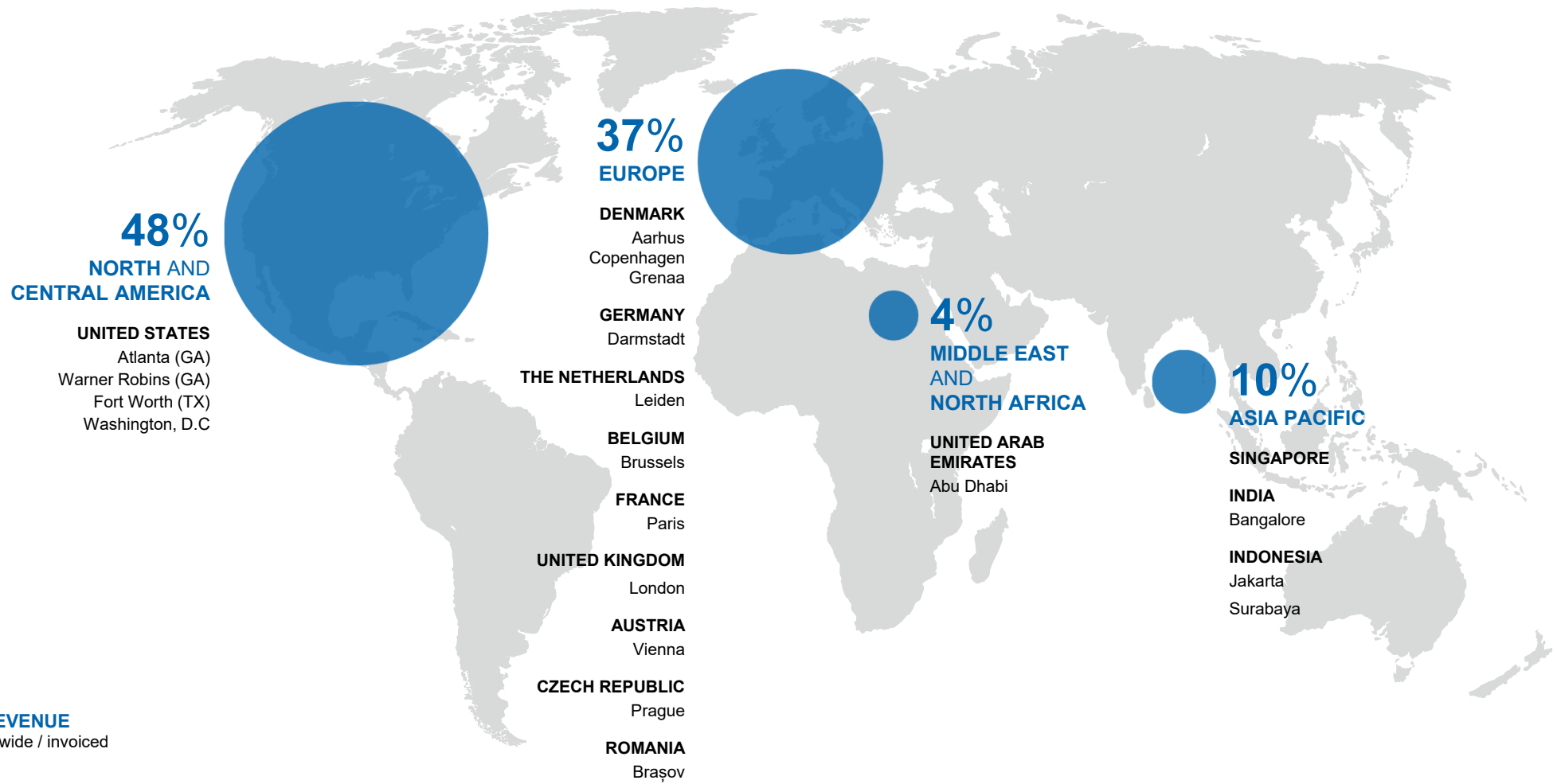
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Multi-Domain Operations

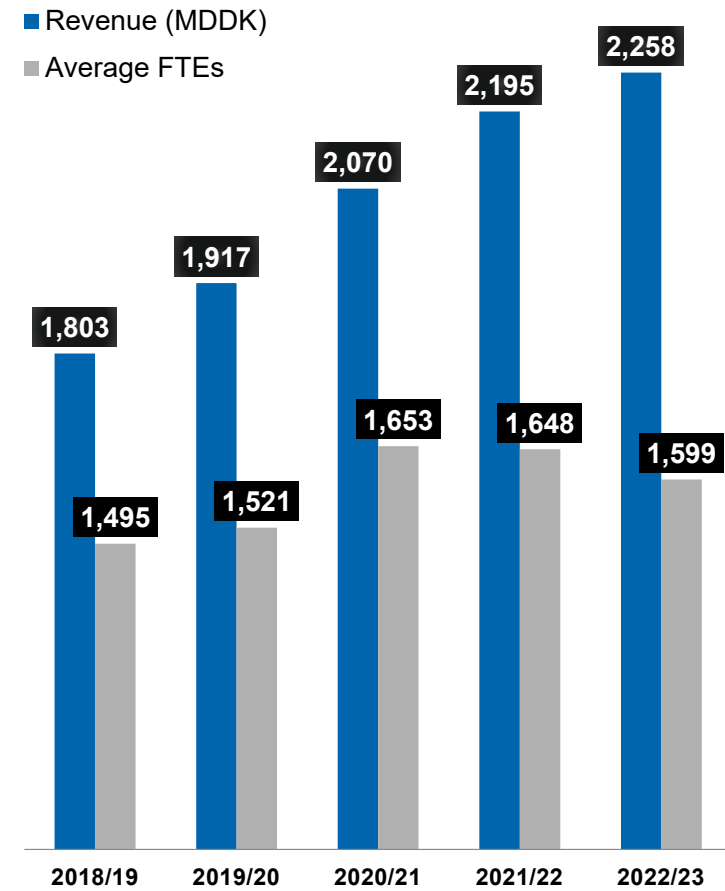
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... with Strong Danish Roots



More than 50 years in Space



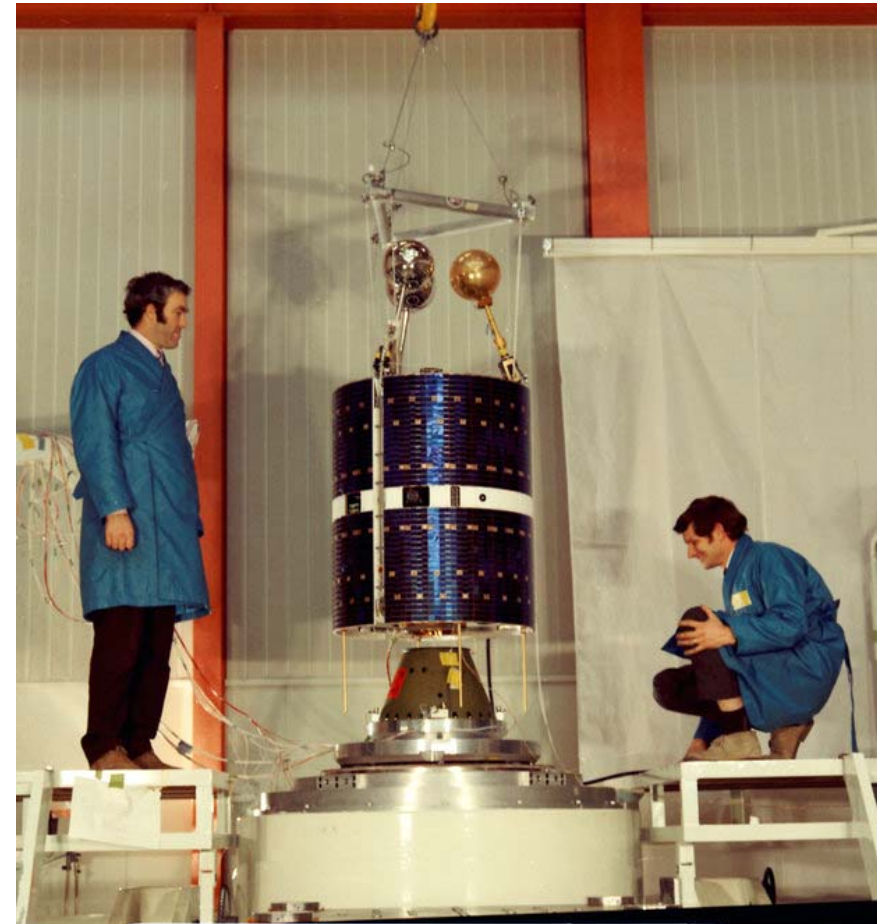
More than 50 years in Space

Terma
50
Years in Space
1972-2022

MISSIONS WITH TERMA EQUIPMENT

Mission	Year
ERA (ISS)	2021
BepiColumbo	2018
Aeolus	2018
ASIM (ISS)	2018
Small GEO	2017
ExoMars Schiaparelli	2016
Lisa Pathfinder	2015
Sentinel-1	2014
Gaia	2013
Sapphire	2013
MSG-3	2012
Galileo IDV 3-4	2012
TacSat-4	2011
Galileo IDV 1-2	2011
CryoSat 2	2010
Planck	2009
Herschel	2009
HREP	2009
RadarSat-2	2007
TacSat-2	2006
Mitex Vehicle	2006
Venus Express	2005
MSG-2	2005
CryoSat 1	2005
Rosetta	2004
Mars Express	2003
MSG-1	2002
Integral	2002
SAC-C	2000
XMM-Newton	1999
Orsted	1999
Cassini/Huygens	1997
ISO	1995
Euroca	1992
Ulysses ISPM	1990
Olympus	1989
LDEF	1984
DCG	1983
SpaceLab	1983
Exosat	1983
MeteoSat	1977
COS-B	1975
ESRO IV	1972

TERMA[®]
ALLIES IN INNOVATION



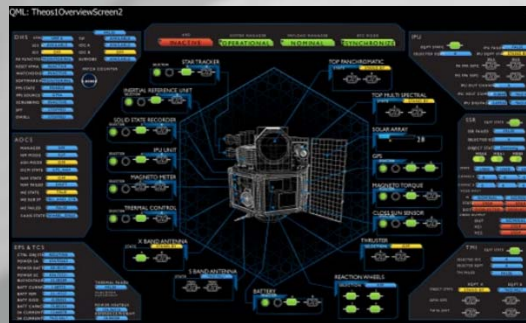
ESRO-4

Space products

- Power Units
- Remote Terminal Units
- Star Trackers
- On-board Software

- Central checkout systems
- Satellite Simulators
- Flight Processor Emulators
- Software Validation Facilities
- Independent Software Validation
- Mission Control Systems
- Specialist Services

- Electrical Ground Support Equipment



IRISS to ASIM to HUGINN THOR-DAVIS to TOTEM



Astronaut Andreas Mogensen caught a rare glimpse of a blue jet over India while aboard the ISS.
[ESA/NASA/IRISS/DTU](#)





Atmosphere-Space Interactions Monitor



DTU-RUMFORSKER FÅR H.C. ØRSTED FORSKERPRIS 2019



Lynforsker Torsten Neubert har modtaget H.C. Ørsted Forskerpris for at være med til at forstå, hvordan kæmpelyn bliver skabt i rummet. Han står i spidsen for den videnskabelige del af rumobservatoriet ASIM (The Atmosphere-Space Interactions Monitor). Projektet, som er Danmarks hidtil største rumprojekt, giver DTU-forskerne en ny og bedre forståelse af, hvordan der skabes lyn over skyerne, og hvordan tordenstorme påvirker stratosfæren og klimaet.

ASIM featured in Nature magazine once again

2021-12-22 / ... Ørsteds navn og


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Article | [Published: 22 December 2021](#)

Very-high-frequency oscillations in the main peak of a magnetar giant flare

[A. J. Castro-Tirado](#), [N. Østgaard](#)  ... [S. Yang](#) [+ Show authors](#)

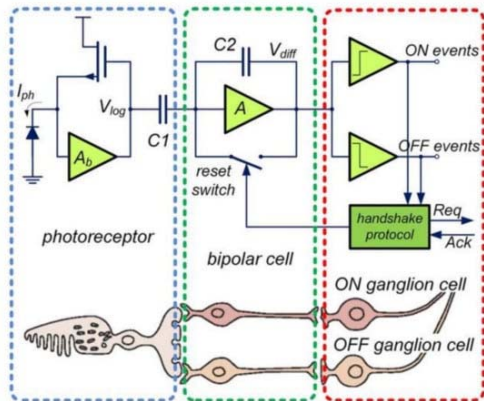
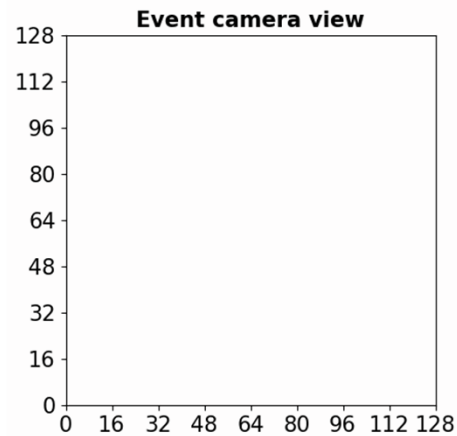
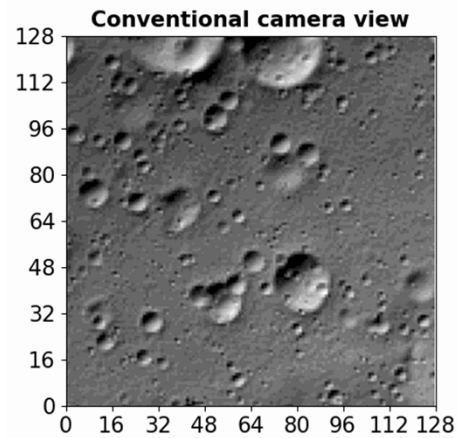
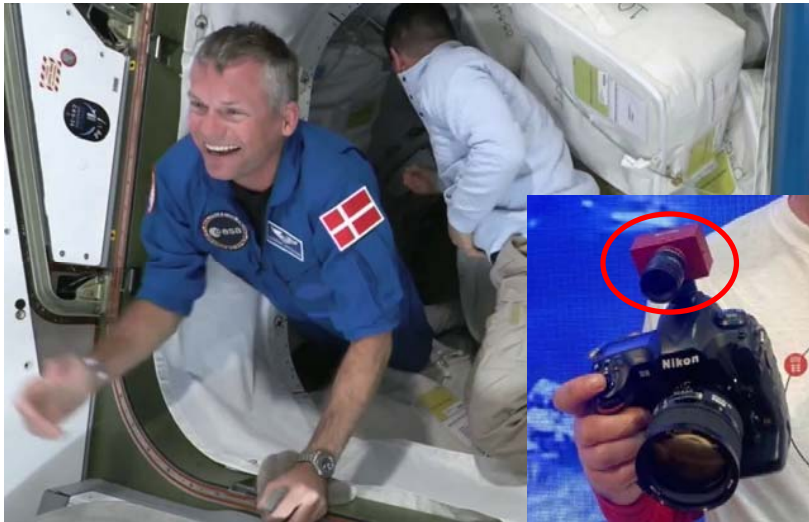
[Nature](#) **600**, 621–624 (2021) | [Cite this article](#)

1971 Accesses | 453 Altmetric | [Metrics](#)

Abstract

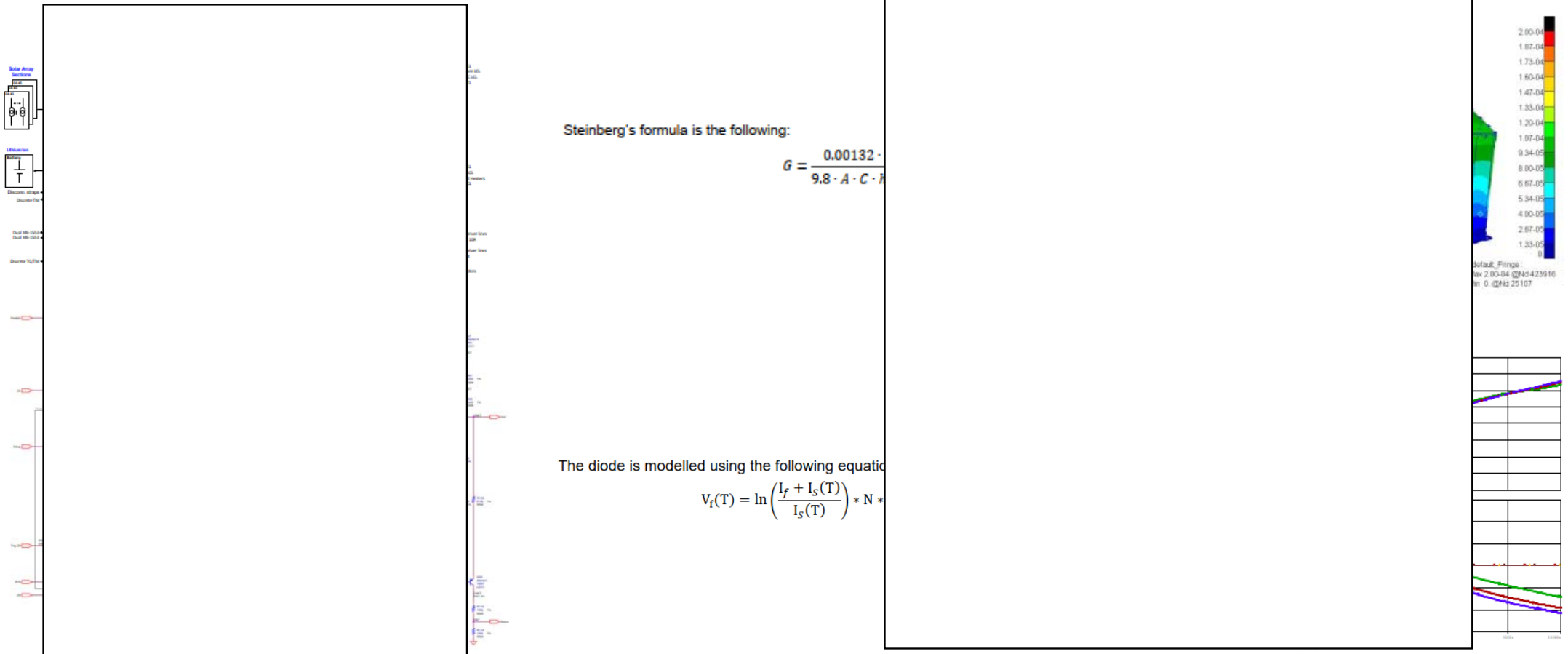
Magnetars are strongly magnetized, isolated neutron stars^{1,2,3} with magnetic fields up to

IRISS to ASIM to HUGINN THOR-DAVIS to TOTEM



STEM and Space

Extensive requirements to development flow, analyses and documentation



STEM and Space

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Today, the Danish Ministry of Higher Education and Science, [Christina Egelund](#), visited our space production and test facilities in Lystrup, Denmark.

[Steen Lyneskjold](#), [Kim Plauborg](#), and [Kasper Hyllested](#) had the great pleasure to show the Minister around our highly specialized production and testing facilities for space equipment. It's not easy to send equipment out of our atmosphere - where an extremely harsh environment awaits, including volatile cold and hot temperatures. This requires something very special from both our production equipment and our employees.

The minister also got a thorough insight into what a potential career in the Danish space industry can look like for young people who choose a STEM education. We will need even more of them in the future!

Last month [Christina Egelund](#) announced that the Danish Government wishes to increase Denmark's funding for space research in the [European Space Agency - ESA](#) significantly with 125 MDKK in 2024. This is crucial if we want to maintain a strong position and play an even greater role in European space travel and space research.

Thanks for the visit!

📷 courtesy: Ministry of Higher Education and Science



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