

Thales Cryogenics Eindhoven receives NASA Awards

- Thales' Cryogenic department in Eindhoven was honored with two NASA Awards
- Thales received these awards as a result of the contribution to the success of the ECOSTRESS mission.
- Thales delivered cryogenic coolers for a scientific instrument, mounted on the International Space Station and looking into the water management of plants on the Earth



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At the 2019 NASA Honors ceremony last week Thales' Cryogenic department in Eindhoven was honored with no less than two NASA Awards at the Jet Propulsion Laboratory in Pasadena. Both were awarded as recognition of the contribution of Thales to the success of the ECOSTRESS mission, which is still ongoing.

For the ECOSTRESS project, Thales delivered cryogenic coolers for a scientific instrument, mounted on the International Space Station and looking into the water management of plants on the Earth – see <https://ecostress.jpl.nasa.gov>.

The coolers delivered were not specifically designed for use in space. Building on the knowledge and experience gained by producing superior quality cryocoolers for terrestrial use, Thales was able to deliver the coolers at a fraction of the cost and time normally needed for space grade coolers. The coolers are operating perfectly in-orbit for over a year and are still running flawlessly. As a result the ECOSTRESS mission has been extended by one year.

Because of this project, the Thales ECOSTRESS team was awarded the NASA Group Achievement Award. On top of that, the Thales ECOSTRESS program manager Roel Arts was honored with an Exceptional Technology Achievement Medal.

Thales is thrilled to have been awarded these prestigious NASA awards and is very proud to have contributed to the success of the ECOSTRESS mission. Thales looks forward to the opportunity to contribute further to the success of future NASA missions.

"I am proud to have been a part of the team at Thales Cryogenics that is now honored by our customer – which is no less than NASA Jet Propulsion Laboratory!"

Roel Arts, Program manager Ecostress

About Thales

The people we all rely on to make the world go round – they rely on Thales.

Our customers come to us with big ambitions: to make life better, to keep us safer. Combining a unique diversity of expertise, talents and cultures, our architects design and deliver extraordinary high technology solutions. Solutions that make tomorrow possible, today. From the bottom of the oceans to the depth of space and cyberspace, we help our customers think smarter and act faster - mastering ever greater complexity and every decisive moment along the way.

PRESS CONTACT

Thales Cryogenics

Karen Dikken

+31 (0)6 83647685

karen.dikken@nl.thalesgroup.com