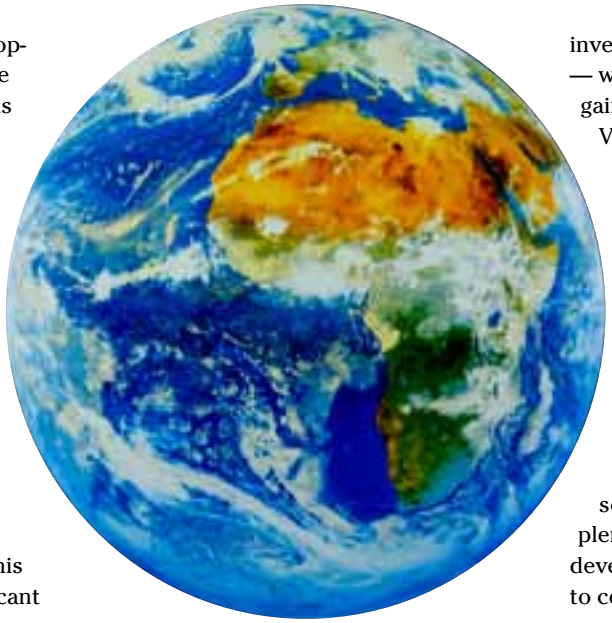
Vaisala launches the development of a new reference radiosonde for climate change observations

Vaisala is investing in the development of an operational reference radiosonde. When complete, it is hoped that this instrument will provide superior-quality climatological data on the upper parts of the atmosphere, and shed light on the dynamics of climate change.

"The international scientific community has clearly expressed a need for a high-precision instrument to enable long-term research on climate change. As the global leader in environmental measurement, we feel it is our duty to respond to this need. This development project is a significant investment towards a better future — we do not expect commercial gains. Rather, the project is part of Vaisala's Corporate Responsibility program. We are committed to supporting the research on climate change and want to provide the best possible tools for scientists," Kjell Forsén, Vaisala's CEO explains.



Good measurement instruments are not developed in a day. The project requires long-term work and commitment, and cooperation with the scientific community. Vaisala has plenty of experience in this kind of development and is looking forward to contributing to climate research.

Radiosondes are meteorological devices that are used to measure temperature, humidity, pressure, wind speed and direction in the upper atmosphere. A balloon filled with hydrogen or helium gas carries the radiosonde into the upper atmosphere. The instrument transmits atmospheric data back to Earth throughout its flight.