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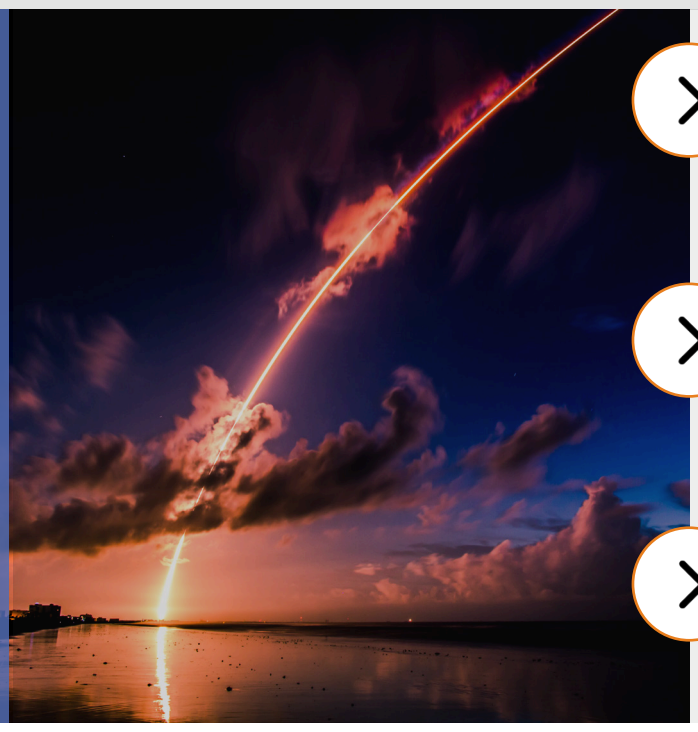
QB50

The QB50 Mission is a network of 36 CubeSats built by universities all over the world to perform first-class science in the largely unexplored thermosphere around Earth. It is coordinated by the Von Karmen Institute and sponsored by the European Commission.

28 QB50 CubeSats will be launched to the International Space Station via NanoRacks LLC and deployed from the NanoRacks CubeSat Deployer (NRCSD).

28

CUBESATS IN A CONSTELLATION FOR MULTI-POINT, IN-SITU, LONG-DURATION EXPLORATION OF THE LOWER THERMOSPHERE RE-ENTRY AND IN-ORBIT TECH-DEMO



THE QB50 ISS MISSION will launch on the 7th Orbital ATK Commercial Resupply Mission to the International Space Station

Each of the CubeSats has one of **THREE INSTRUMENTS:** Ion/Neutral Mass Spectrometers (INMS), Flux Probe EXperiment (FiPEX), or the multi-Needle Langmuir Probe (mNLP)

By the end of the constellation life, the CubeSats will have completed more that **160,000 ORBITS AROUND EARTH**

9M

OVER 9 MILLION EUROS INVESTED IN THIS PROGRAM, A FRACTION OF THE COST FOR A CONVENTIONAL SPACE MISSION

CubeSats built in **16 countries**

Almost **10,000** pages of documentation

57U total volume of CubeSats

50+ professionals, **300 students**

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CONTINENTS PARTICIPATING IN A GLOBAL EFFORT TO FACILITATE ACCESS TO SPACE

In-Orbit Demonstration

Facilitating Access to Space

Education

Scientific Research

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