

ISIS supported CubeSats

Launch date: 15.02.2017 Launch country: India Launch vehicle: PSLV-C37

[ISILaunch17]

PEASSS



Objective:

To develop, manufacture, test and qualify 'smart structures' which combine composite panels, piezoelectric materials and next generation sensors, for autonomously improved pointing accuracy and power generation in space. The technologies that will be demonstrated in the PEASSS project directly enable European space observation and in-space activities. The project will create a cutting edge technology based on piezo actuated smart composite panels, which can improve the accuracy and stability of nearly all Earth Observation sensor platforms.

Institution: EC FP7 Consortium (owned and operated by ISIS)



DIDO-2



Objective:

The SPOC (Spacepharma Proof Of Concept) project is lead by SpacePharma, a company based in Switzerland with R&D labs in Israel and a US application office. The purpose of the project is to test a miniaturized end-to-end pharmaceutical laboratory in space, allowing microgravity conditions. The project includes two satellites called DIDO. The first one was successfully launched on PSLV-C37 on the 15th of February.

The platforms of the 3U CubeSats are developed and built by ISIS.

Institution: SpacePharma



Nayif-1



Objective:

To build a bridge of scientific cooperation and knowledge transfer between Mohammed bin Rashid Space Centre (MBRSC) and the academic sector in the UAE. The scientific objective is to re-broadcast text messages to the world, and to collect data that will help academic institutions in conducting their experiments and scientific research.

Institution: American University of Sharjah



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