

Venus Newsletter #2 11 May 2019

### An Update from HQ on NASA participation on EnVision Venus Mission Study

As has been announced previously (most recently at the LPSC Venus Townhall in March), NASA has been invited by ESA to participate in the EnVision mission study, part of the M5 competition. The EnVision mission concept would conduct high resolution radar mapping and atmospheric studies, with a launch readiness date of 2032.

NASA has responded to ESA's invitation by providing two US Venus scientists to the EnVision Science Study Team and a Systems Engineer to the System Engineering Working Group. This partnership has been quite successful.

In March 2019, as part of the mission study process, NASA invited responses of interest and technical capabilities related to a potential instrument and other flight subsystem contributions from three organizations: GSFC, JPL and APL. In late April, NASA received the responses from these institutions and is in the process of assessing them for technical and cost feasibility.

The assessment process will take about two months, after which time NASA will determine how to proceed. As presented at the LPSC Venus Town Hall, should ESA choose EnVision as the M5 mission, the science team for any potential contributed facility instrument will be openly competed.

At this time, NASA has not committed to providing a contribution to the mission. For questions or comments, please contact Dr. Adriana Ocampo at [aco@nasa.gov](mailto:aco@nasa.gov)<<mailto:aco@nasa.gov>>