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The Center for National Space Studies (CNES) and Nexeya are set to co-develop ANGELS ;
a Nanosatellite Constellation.

Building on the 2016 launch of Club Nano (a national ecosystem for the development of nanosatellites (satellites weighing less than 50 kilos)) CNES and Nexeya are pleased to introduce the ANGELS (Argos Neo on a Generic Economical and Light Satellite) demonstrator and its 2019 scheduled launch date.

After a lengthy tender process CNES selected Nexeya based on its proven experience in the design, development, manufacturing and validation of satellite and satellite systems. Though Nexeya is a 1,000 person strong, vertically integrated company, with a global footprint, a number of key partners have joined our team as either investors, development partners or both. Included on the team are CS, Eremis, Mecano-ID, SAFT, Spacebell and Steel.

CNES is uniting the best players in this space ; innovators with experience, team players that will cooperate to have a true balance of skills and experience, all focused on this exciting nanosat adventure.

Nanosatellites are not new however the miniaturization of equipment, lower costs, and affordable launch platforms have fueled the global boom for this small but powerful package. According to Euroconsult, the short term forecast for the Nanosat market is valued at USD \$ 800M. With Nexeya, CNES aims to create an industrial supply of nanosatellites. The ability for nanosats to economically satisfy a variety of mission types further adds to their appeal and value ; the mission priority for the first phase of nanosats will be data collection.

For this project Nexeya will lead the platform design, development and final assembly and CNES will provide the payload; Argos instrument, developed by Thales Alenia Space and Syrlinks. CNES will also be responsible for launching and operating the satellite.

This next step for nanosatellites represents a great opportunity, CNES President Jean-Yves Le Gall, "With its expertise in launchers and satellites, CNES will continue to cultivate its technological excellence. The development of ANGELS, in a new mode of governance, will build on the breeding ground of entrepreneurs and start-ups on the subject of nanosatellites in France, a market of future to invent the space of tomorrow." Philippe Gautier, President of NEXEYA adds: "We are extremely pleased with this innovative agreement with CNES. It will enable us not only to implement this first operational demonstrator, but also to launch the French nano-satellite channel."

This is truly the realization of Nexeya's « Let's Merge our Talents » philosophy.

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