

The background is a deep space scene. In the upper left, a large, dark, cratered planet or moon is partially visible. In the lower right, a smaller, similar celestial body is shown. A vibrant nebula with shades of red, orange, and yellow stretches across the middle of the frame. The entire scene is filled with numerous small, distant stars.

Space

Lanzo: A Cidetec Spin-off on Space Batteries



Vision: Space Power system could benefit from Commercial Off-The-Shelf (COTS) automotive Lithium-ion based batteries. The New Space demands large series, lower cost and higher production rates.



Innovation: Lanzo Batteries offers modular and efficient battery concepts with integrated thermal balancing and reduced weight, resulting in greater power for the satellite. The batteries produced by the new spin-off integrate more reliable and robust monitoring methods through BMS (Battery Management Systems), which enhances safety.



Strategic autonomy: Significantly reduces Europe's dependence on non-European, space-qualified battery suppliers, strengthening European Technological Sovereignty.



Powering space



The satellite platforms and their components deviate from a commodity product, where functionality defines the mission. Therefore, components and subsystems suppliers need to provide more standardised components with higher budgets, reducing size, delivery time and cost.

cidetec

**CIDETEC
spin-off**

**European space
LiB battery
supplier**

LANZO
BATTERIES

PRODUCT FAMILY



LANZO
BATTERIES
LEO



LANZO
BATTERIES
HAWK

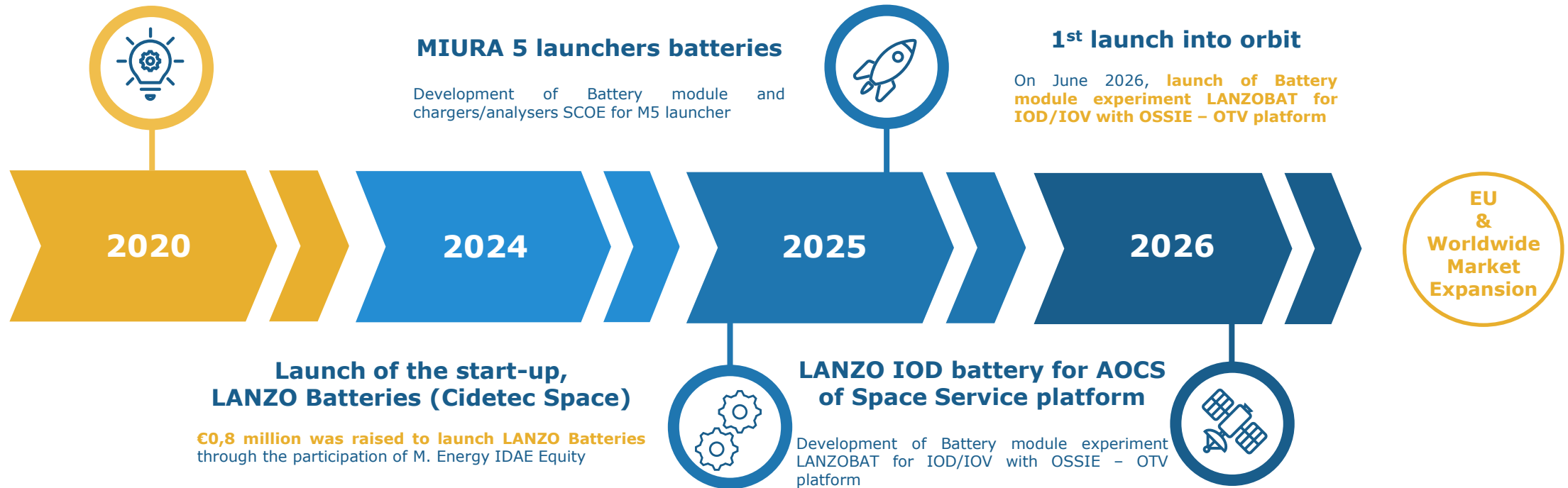


LANZO
BATTERIES
OWL



LANZO
BATTERIES
YAK

Lanzo: From Idea to Business



LANZO aims to guarantee the supply of batteries and cells for European access to space.

Jesus Marcos, CEO of LANZO



The RTO CIDETEC Support:

- The idea was conceived and developed into product
- The technology became a qualified product
- The start-up was created and accompanied
- The collaboration continued for Tech Development