

NGS

Acronym and title	NGS - New Generation Storage
Project number	PRR/NGS/C632837274-00467175
Start and conclusion date	01/01/2022 – 31/12/2025
VG CoLAB total budget	€ 706 791.56
Main goal	Development and demonstration of innovative storage solutions with a focus on increased system efficiency, flexibility, modularity and reconfigurability factor.
Partners	INESC-TEC, UEVORA, INOVA+, DST SOLAR, INNOVATION POINT, ITECONS, MCG, RACE, IST, FEUP, FCT-UNL, UAVEIRO, UMINHO, ATEC, BONDALTI, EDMTECH, ENFORCE, INESCMN, LUX OPTIMEYES ENERGY, MAGNUMCAP, METERBOOST, PALMIRESIDUOS, PIEP, PRIO ENERGY, USENERGY, EFACEC ENERGIA, INNOVATION POINT, PORTO DE AVEIRO, MAHLE, BENEFITCALENDAR
Summary	The NGS agenda contributes to the creation of a new sustainable technology value chain in complement to the national lithium exploration logistic chain. Hence, the main objective is focused on the manufacturing and sustainable recycling of batteries for electric mobility. The idea is structured in 7 different strategic pillars and 22 projects, covering the full battery value chain (from lithium refinery to recycling/second life of this storage technology), aiming to develop a new industrial cluster for the sustainable manufacturing and recycling of batteries.