

ENERGETICS

MUR DM 117/Stellantis - Multiscale model for innovative battery cells (Li-metal and LiS cells)

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Context of the research activity	Batteries Li-metal cells LiS cells Multi-scale modeling Progetto finanziato nell'ambito del PNRR - DM 117/2023 - CUP E14D23001950004
Objectives	development of a multiscale model for Li-metal cells development of innovative modelling tools for LiS battery based on computational fluid dynamics, population balances and Pseudo-X-Dimensional (PXD) models
Skills and competencies for the development of the activity	Electrochemical processes and technologies Batteries Multi-scale and multi-physics models