INNOVATIVE LITHIUM BATTERIES

Innovations and Benefits - Improved performance and safety, lower costs and reduced environmental impact of lithium batteries, through the production of active materials and the development of electrode components and complete cells.

Uses - Batteries for: consumer electronics, electric and hybrid vehicles; electrical grids.

Past and Present Activities - Materials and processes for production of components studied and developed under several national and European research projects, in collaboration with an Italian company a proposal was accepted to be granted by the National Electric Research System (MiSE). Patent No. RM2003A000048 with CNR and Sapienza, extended to FR, DE, UK.





RESEARCH TO PROVE TECHNOLOGY DEVELOPMENT SYSTEM TEST, LAUNCH & OPERATIONS

BASIC TECHNOLOGY RESEARCH TECHNOLOGY DEVELOPMENT SYSTEM/SUBSYSTEM DEVELOPMENT

TRL 1 TRL 2 TRL 3 TRL 4 TRL 5 TRL 6 TRL 7 TRL 8 TRL 9

TECHNOLOGY READINESS LEVEL

