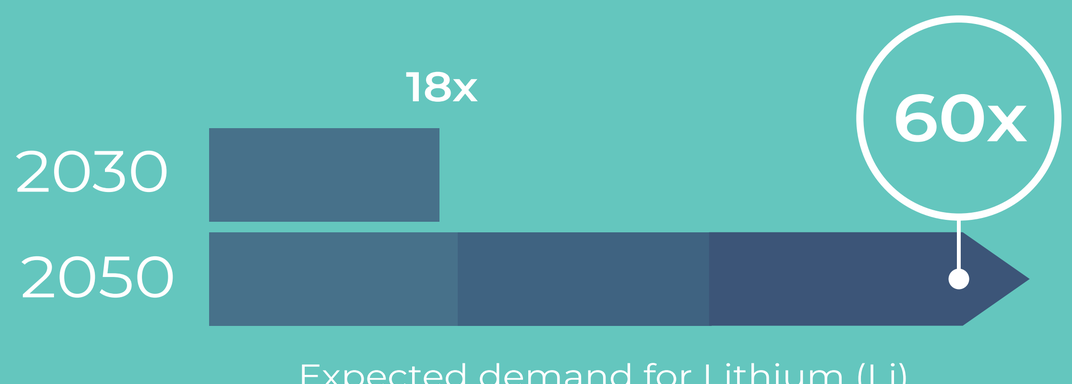
LiCORNE

Lithium recovery and battery-grade materials production from European resources

CONTEXT

The Urgent Need for Battery Materials in Europe

Surging battery demand, mainly driven by the electrification of the transport sector, has boosted over the past years the request for key metals used in their production. Compared to the current supply, the production of LIBs is expected to increase the demand for Lithium (Li) up to 18 times by 2030, and nearly 60 times more by 2050.



Expected demand for Lithium (Li)

Significant ore resources of Li (mainly pegmatite) and large reserves of geothermal Li deposits were identified in Europe. Additional to ores and geothermal reserves, it is expected that a significant quantity of Li, Co and Ni will be recycled from secondary resources such as the waste of the cathode production processes – also known as off specification cathode waste material.

€ 6,766,313.00

48 months

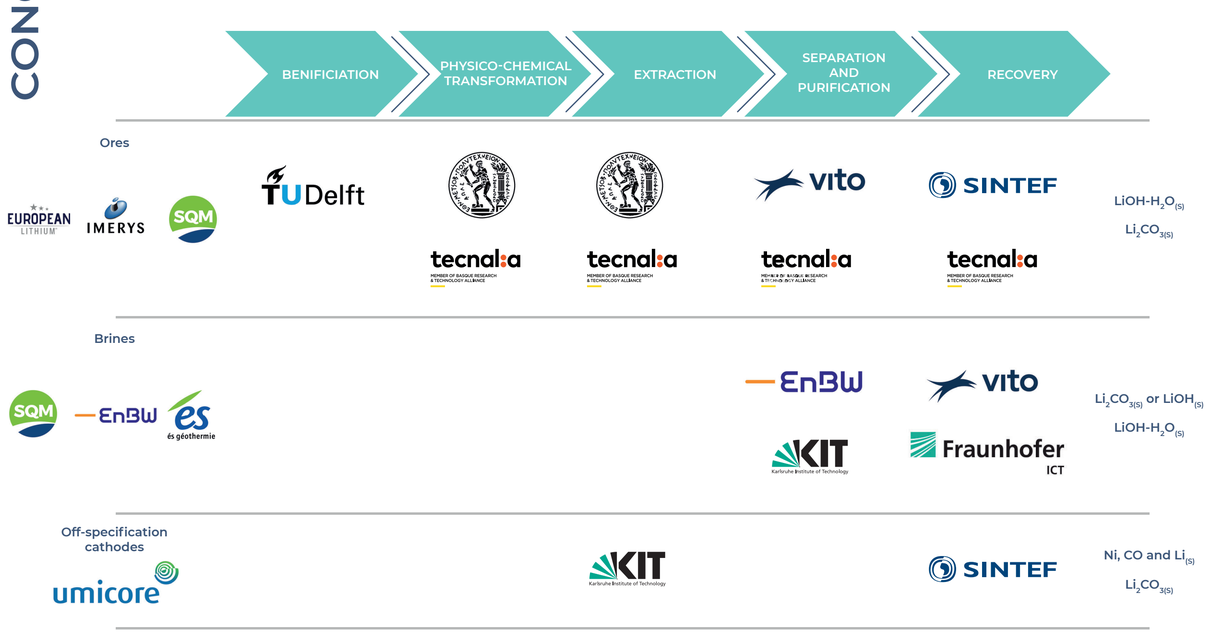
16 partners

From 10 countries

Complete Li supply chain

CONCEPT

14 different ground-breaking technologies



Consortium

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FUNDACION TECNALIA RESEARCH & INNOVATION

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Funded by the European Union under Grant Agreement No 101069644. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them.