

About ALION



ALION project develops an aluminium-ion battery technology for energy storage application in decentralised electricity generation sources.

The result is a technology with much lower cost, improved performance, safety and reliability with respect to current energy storage solutions

The final objective of this project is to obtain an Al-ion battery module validated in a relevant environment, with a specific energy of 400 W.h/kg, a voltage of 48V and a cycle life of 3000 cycles.



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 @AlionProject



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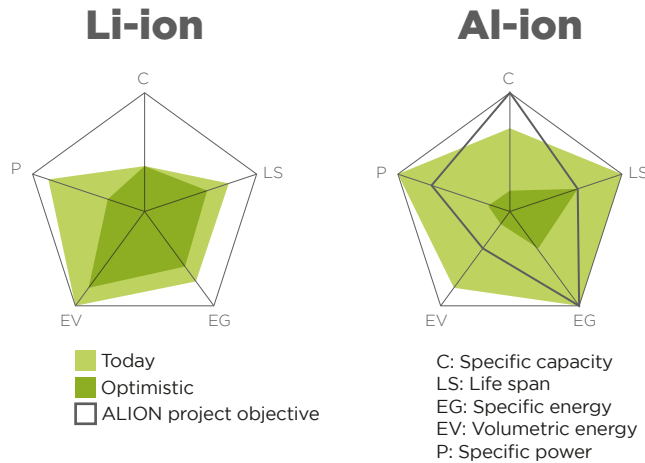
**A LOW COST
ALUMINIUM-ION
BATTERY**

Market Possibilities

A technology with competitive advantages in various markets



Al-ion: A New Opportunity



Better performances than Li-ion:
 2x specific energy
 +50% cyclability
 +50% power

Advantages of materials used:

- 
Abundant materials
- 
Non-toxic
- 
Cost-affordable
- 
Not subject to supply risks

THE ONLY EUROPEAN RESEARCH PROJECT ON AL-ION BATTERIES

PARTNERS

