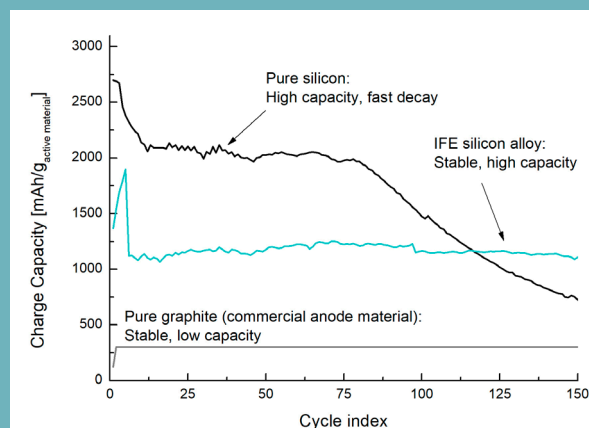


Silicon alloy anode material for stable, high capacity batteries

For battery cell producers who aim to produce high-capacity Li-ion batteries, our SiliconX technology could solve the capacity challenges associated with the use of silicon anode materials. Unlike current silicon alternatives, the SiliconX anode solution is a high-capacity, stable anode material that is not prone to rapid decay (see figure).



Key features of our new, unique technology are:

- Nearly three times the charging capacity of conventional carbon solutions.
- More stable cycling than current silicon alternatives
- Enables the use of silicon as an anode material

The SiliconX project will further optimize the methods for producing the SiliconX anode material, as well as developing recipes for incorporating this material into existing battery production processes. The performance of this final battery system will be tested to determine stability and charge capacity performance.

The SiliconX project will include both Norwegian and international partners from industry, business development and research.

We can offer our industrial partners:

- An opportunity to work with a promising innovation and gain an edge on competitors
- Potential collaboration with one of the leading groups on silicon-based Li-ion battery materials



For further information (team)



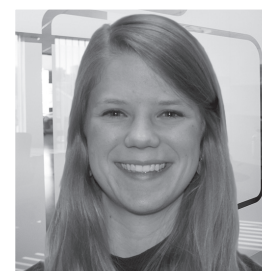
Arve Holt
Business Developer
arve.holt@ife.no



Asbjørn Ulvestad
Researcher
asbjornu@ife.no



Marte O. Skare
Engineer
marteos@ife.no



Laura Brodbeck
Business Developer
lbr@kjellerinnovasjon.no

