



27 April 2021, 14:00-16:30

Welcome to Web seminar about Recycling of vehicle batteries organized by Swedish Electromobility Center and Batteries Sweden!

The increase number of electric vehicles makes it necessary to put a stronger emphasis on battery recycling. Challenges exists for both societal and technical aspects to ensure a higher degree of recycling. In this seminar, these aspects are analyzed multi-disciplinary by international and Swedish expertise, representing both industry and academia.

Program:

14.00 Welcome

14.05 *The upcoming EU regulation on batteries and its implications for recycling*
by Claude Chanson, Recharge Batteries, Belgium

14.30 *The battery value chain from a recycling point of view*
by Björn Hall & Marcus Martinsson, Stena Metall & Stena Recycling, Sweden

15.00 *Direct Recycling R&D at the ReCell Center*
by Linda Gaines, Argonne National Lab, USA

15:30 Parallel sessions

Session 1 – technical track:

- *Boosting the Circular Economy of Li-ion batteries via development of sustainable recycling*
by Martina Petranikova, Chalmers
- *Resource Recovery from Lithium-Ion Batteries, Challenges and Novel Approaches*
by Kerstin Forsberg, KTH
- *Recycling of Battery Materials using Deep Eutectic Solvents*
by Reza Younesi, Uppsala University

Session 2 – business and societal track:

- *High performing circular battery flows*
by Patricia van Loon, Ri.se/Chalmers
- *Battery recycling and metal constraints*
by Lisbeth Dahllöf, IVL
- *Northvolt's recycling program – Revolt*
by Ingrid Karlsson, Northvolt