

Stationary battery storage – exploring the techno-economic challenges ahead

Identify opportunities, challenges, and solutions for the Swiss industry to overcome current or future pain points in the domain of:



- **Next generation BESS** – technical improvements that add value
- **Vehicle-to-grid** - an opportunity or a threat for utilities?
- **Second-Life** - innovations for a profitable business





iBAT Association

Ensures the competitiveness of the Swiss Industry
in the field of Battery Applications & Technologies

THE ASSOCIATION

Our Mission

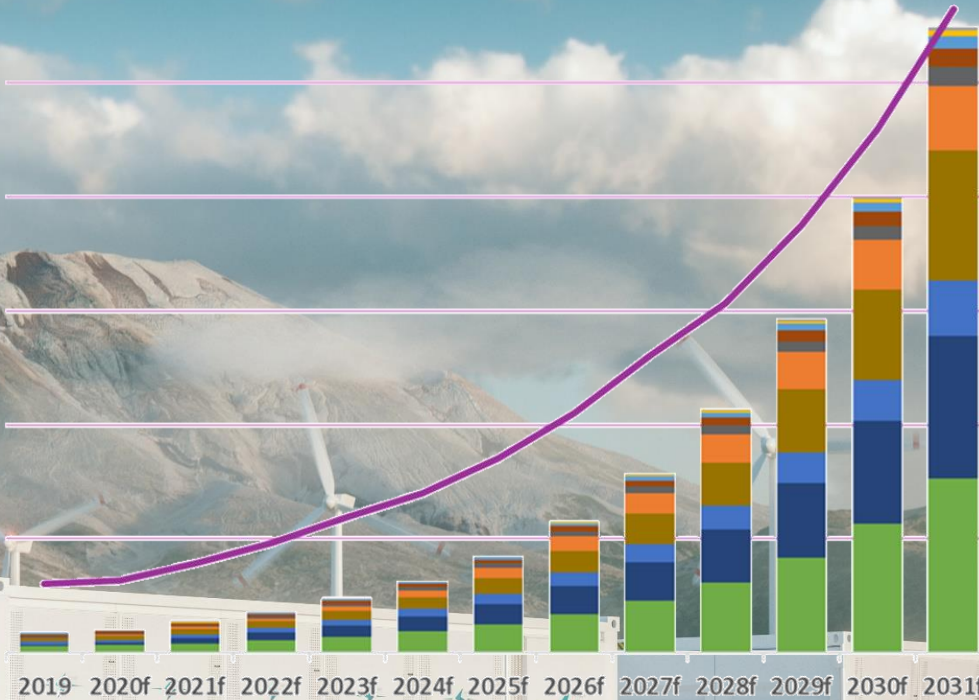
Batteries are the key enabler for emission-free mobility, renewable based energy systems, advanced robotics and mobile medical equipment. The iBAT association represents industry, authorities and research institutions along the complete value chain from manufacturing to recycling and strengthens Switzerland's competitiveness in this core technology.

Workshop concept



Motivation

Battery for Stationary Energy Storage – Market Value



enormous growth rates predicted, e.g. **CAGR of 38%** over the next 10 years by IDTechEx .

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Agenda

- the iBAT workshop concept 10'
- **impulse talks** – thought-provoking topic intro 30'
- intro to Design Thinking concept 10'
- **working session 1** – understand users and their problem 50'
- break 10'
- **working session 2** – identify pain points and prioritize ideas to solve them 70'
- presentation of results and wrap-up 30'

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Impulse talks

- **Battery costs below 5ct/kWh – reality by 2025?**

Guido Guidi, Senior Vice-President Stationary Storage, Leclanché SA

- **Vehicle-to-grid – a gamechanger?**

Geoffrey Orlando, Chef de Project Electromobilité, Planair

- **Second-Life – an economic opportunity?**

Stefan Bahamonde, Co-founder & CEO, Libattion



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Funding opportunities for further idea exploration

Innosuisse Innocheque

- application directly via [online portal](#)
- funding of max. 15kCHF
- suitable for start-ups/SMEs (<250 FTEs)
- can be requested every two years
- evaluated continuously
(max. 1 month processing time)

EnergyLab NTN Innovation Booster

- application directly via [jointcreate portal](#)
- funding from 5 to 25kCHF
- suitable for all companies
- no request limitations
- evaluated 3 times per year
(about 1-2 months preparation time)

Direct mandates: from individual companies or consortia towards the [iBAT R&D institutions](#) or further Design Thinking exploration via the University of NE (contact [Prof. Reuter](#))

upcoming iBAT events

- iBAT.swiss workshop manufacturing 29.09.2021
- iBAT.swiss workshop e-mobility 30.09.2021
- iBAT.swiss conference 26.10.2021
- KLiB – iBAT Swiss-German Industry Dialogue 24.11.2021
- iBAT Industry Day@Swiss Battery Days in 2022

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Thank you!

