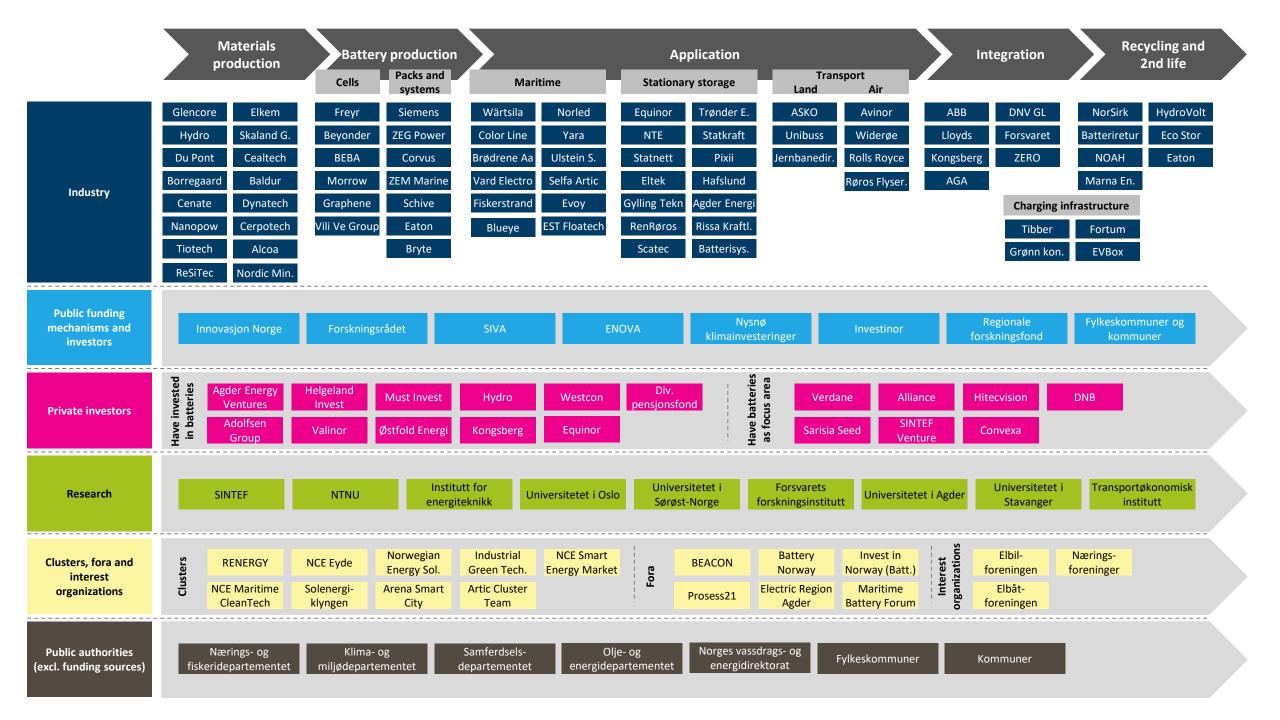


Webinar 23.10.2020

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Senior Research Scientist
SINTEF ENERGY





What is BEACON and who is it for?



A national network of battery stakeholders aiming to:

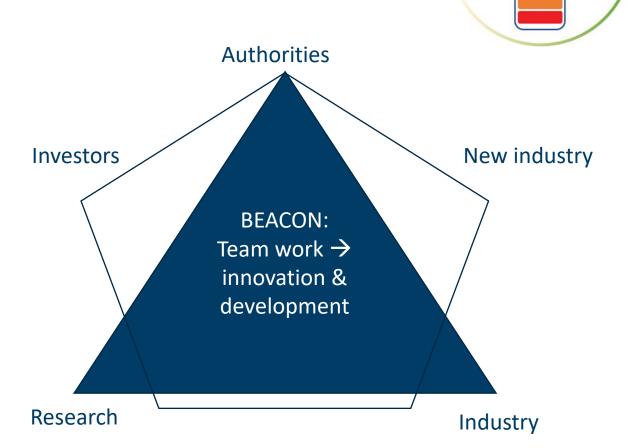
- Create synergies by connecting different parts of the supply chain
- A forum to identify research and development needs of the industry
- Provide stronger links for Norwegian stakeholders to European initiatives
- Provide Norwegian stakeholders with a common voice to ensure this industry is prioritised and its growth facilitated.
- Create a sustainable battery industry with global impact





BEACONs role

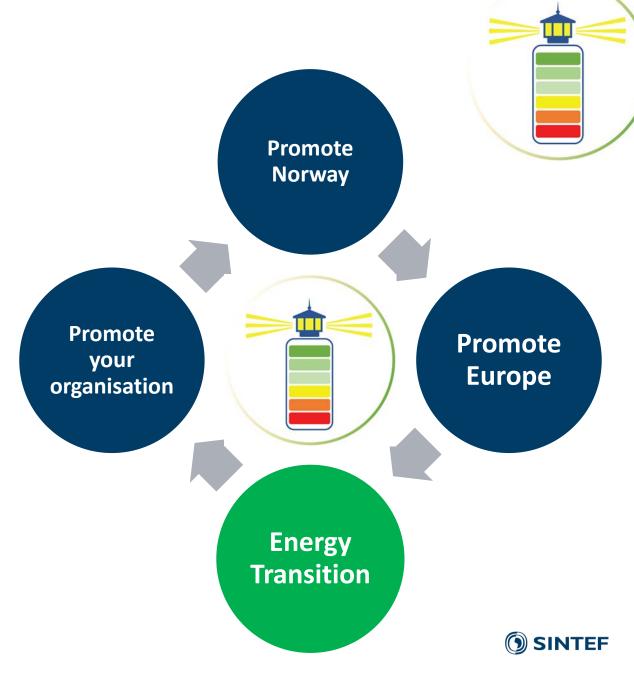
- Bring together Norwegian players (authorities, industry, research and interest organizations) to seize the opportunities
 - On EU and global arena
 - Based on Norwegian strengths
- Form thematic groups for taking part in and generating new opportunities
 - Sharing and interpreting information and its relevance
 - Contribute to set the agenda and create new opportunities
 - Formulate a Norwegian battery strategy
- Bring important topics to the authorities' attention





How BEACON operates

- Open organisation
- Core group: SINTEF, NTNU, IFE, NORSK HYDRO, ELKEM, SIEMENS, HAFSLUND NETT, RCN
- Affordable and accessible to small start-ups
- Focus on cross-sectoral and interdisciplinary collaboration to build strong consortia, accelerate innovation and develop our home market.



Battery Norway













Industrial collaboration platform

stephen@batterynorway.no www.batterynorway.no



Battery Norway is a national industrial collaboration platform

Battery Norway will contribute to

- development of a national Norwegian battery strategy that facilitates sustainable growth - Framework conditions, a "Voice of industry".
- efficient and streamlined reception of international expertise for the construction and operation of industrial plants.
- building of relevant longer-term industrial competence (operator, engineer) and infrastructure.
- fast tracking of permitting processes via exchange of experience and guidance.



innovation and sustainable value creation opportunities, encompassing the entire battery suppl

- connect Norwegian companies to international initiatives and activities

Battery Norway will closely follow the FU's battery strategy and be the Norwegian "mirror" advisin the authorities on i) how Norway can strengthen its competitiveness as a host nation for battery

companies that look for international partnerships, as well as facilitating foreign investments in the ttery supply chain in Norway. For example, upon request i) facilitating foreign visits ii) matchmaking

Battery Norway will be launched on the 30th of June as part of the «The Nordic Battery Scene»









Battery Norway is open for the whole Norwegian ecosystem

Other Relevant Fora

Maritime - ~ ~ + Battery Forum

https://www.maritimebatteryforum.com/



https://www.prosess21.no/



<u>electricregionagder.com</u>



https://invinor.no/industry-opportunities/battery/



How do we succeed?

- Norway must take a leading role in sustainable battery production and time is
 of essence
- Need a clear and ambitious national strategy and goals
- Measures must be taken by public authorities in collaboration with industry, research and educational institutions, addressing the following areas:
 - Regulations supporting fast track establishment of new industry
 - Competitive funding and support schemes for both industry and R&D&I, including high risk capital for start-ups
 - Research, development and education
 - Significant strengthening of R&D, including infrastructure
 - New education and training programs to meet the needs of the growing industry

Networks

- Strong national networks covering the whole value chain are required
- A Nordic battery alliance will secure knowledge and competence along the value chain
- Long-term cooperation with European and global battery community
- Strong involvement in European initiatives













Teknologi for et bedre samfunn