

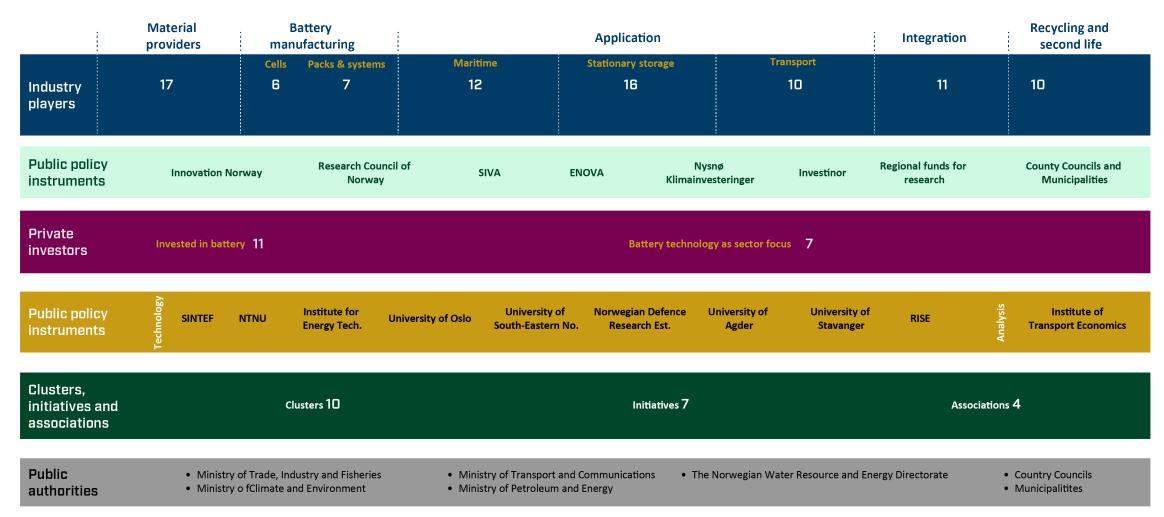


## Stakeholders in the Norwegian battery value chain

	Material providers	Battery manufacturing		Application		Integration	Recycling and second life
Industry players	Glencore	Cells systems  Freyr Siemens  Beyonder ZEG Power  BEBA Corvus  Morrow ZEM Marine  Joint Battery Schive Initiative Eaton  Vili Ve Group Bryte	Maritime  • Wärtsila • Norled • Color Line • Yara • Brødrene Aa • Ulstein S. • Vard Electro • Selfa Arctic • Fiskerstrand • Evoy • Blueye • EST Floatech	Stationary storage  • Equinor • Trønder E. • NTE • Statkraft • Statnett • Pixii • Eltek • Hafslund • Gylling Tekn • Agder Energi • RenRøros • HVACS • Scatec Solar • Batterisys. • Solcellespes. • Otovo	Transport Land Air  Air  ASKO Avinor Unibuss Widerøe Jernbanedir. Rolls Royce Ruter Røros Flyser. AtB Posten	<ul><li>Lloyds</li><li>Forsvaret</li><li>Kongsberg</li><li>AGA</li></ul>	NorSirk HydroVolt Batteriretur Control NOAH Eaton Marna En. Hagal Chainpro En.
Public poli instrumen	Innovation N	orway Research Counci Norway	of SIVA	ENOVA Nysn Klimainves	Investinor	Regional funds for research	County Councils and Municipalities
Private investors	P a do	er Energi Venture  Ifsen Group  Geland Invest  Or  Kongsk	Energi • Equinor • Various pens	ion	• Vardane • Sarsia Seed • Alliance • SINTEF Ventu	<ul><li>Hitecv</li><li>Convex</li><li>DNB</li></ul>	
Public poli instrumen	• SINTE	NTNU Institute for U Energy Tech.	University of Oslo University of Oslo South-Easterr		niversity of University of Agder Stavanger	RISE SISA	Institute of Transport Economics
Clusters, initiatives associatio	<u>-</u>	<ul><li>NCE Mritime</li><li>CleanTech</li><li>NCE Eyde</li></ul>	Norwegian Energy Sol. Arena Smart City Industrial Green Tech. Artic Cluster Team NCS Smart Energy Market	BEACON     Process21     Battery Norwa     Electric Region		y Forum	<ul> <li>EV Norway</li> <li>Norw. Ass. for Electric Boats</li> <li>Trade Associations</li> </ul>
Public authorities	· · · · · · · · · · · · · · · · · · ·	of Trade, Industry and Fisheries o fClimate and Environment	Ministry of Transport     Ministry of Petroleum		Norwegian Water Resource and En	0,	<ul><li>Country Councils</li><li>Municipalitites</li></ul>



## Stakeholders in the Norwegian battery value chain





## Stakeholders – Industry players

	Material providers	Battery manufacturing	Application			Integration	Recycling and second life
Industry players	<ul> <li>Glencore</li> <li>Hydro</li> <li>Du Pont</li> <li>Borregaard</li> <li>Cenate</li> <li>Nanopow</li> <li>Tiotech</li> <li>ReSiTec</li> <li>Elkem</li> <li>Skaland G.</li> <li>Cealtecht</li> <li>Baldur</li> <li>Dynatec</li> <li>Nanopow</li> <li>Cerpotech</li> <li>Alcoa</li> <li>Nordic Min.</li> </ul>	Cells  • Freyr  • Beyonder  • BEBA  • Morrow  • Joint Battery Initiative  • Vili Ve Group  Packs & systems  • Siemens  • ZEG Power  • Corvus  • ZEM Marine  • Schive  • Eaton  • Bryte	Maritime  • Wärtsila  • Color Line  • Brødrene Aa  • Vard Electro  • Fiskerstrand  • Blueye  • Norled  • Yara  • Ulstein S.  • Selfa Arctic  • Evoy  • EST Floatech	Stationary storage  • Equinor  • NTE  • Statnett  • Eltek  • Gylling Tekn  • RenRøros  • Scatec Solar  • Solcellespes.  • Trønder E.  • Statkraft  • Pixii  • Hafslund  • Agder Energi  • HVACS  • Batterisys.  • Otovo	Transport Land  • ASKO • Unibuss • Jernbanedir. • Ruter • AtB • Posten  Air • Avinor • Widerøe • Rolls Royce • Røros Flyser.	<ul> <li>ABB</li> <li>Lloyds</li> <li>Kongsberg</li> <li>DNV GL</li> <li>Forsvaret</li> <li>AGA</li> </ul> Charging infrastructure <ul> <li>Tibber</li> <li>Grønn kon.</li> <li>Eldrift</li> <li>Fortum</li> <li>EVBox</li> </ul>	<ul> <li>NorSirk</li> <li>Batteriretur</li> <li>NOAH</li> <li>Marna En.</li> <li>Hagal</li> <li>HydroVolt</li> <li>Eco Stor</li> <li>Eaton</li> <li>RePack</li> <li>Chainpro En.</li> </ul>



## Technology for a better society