



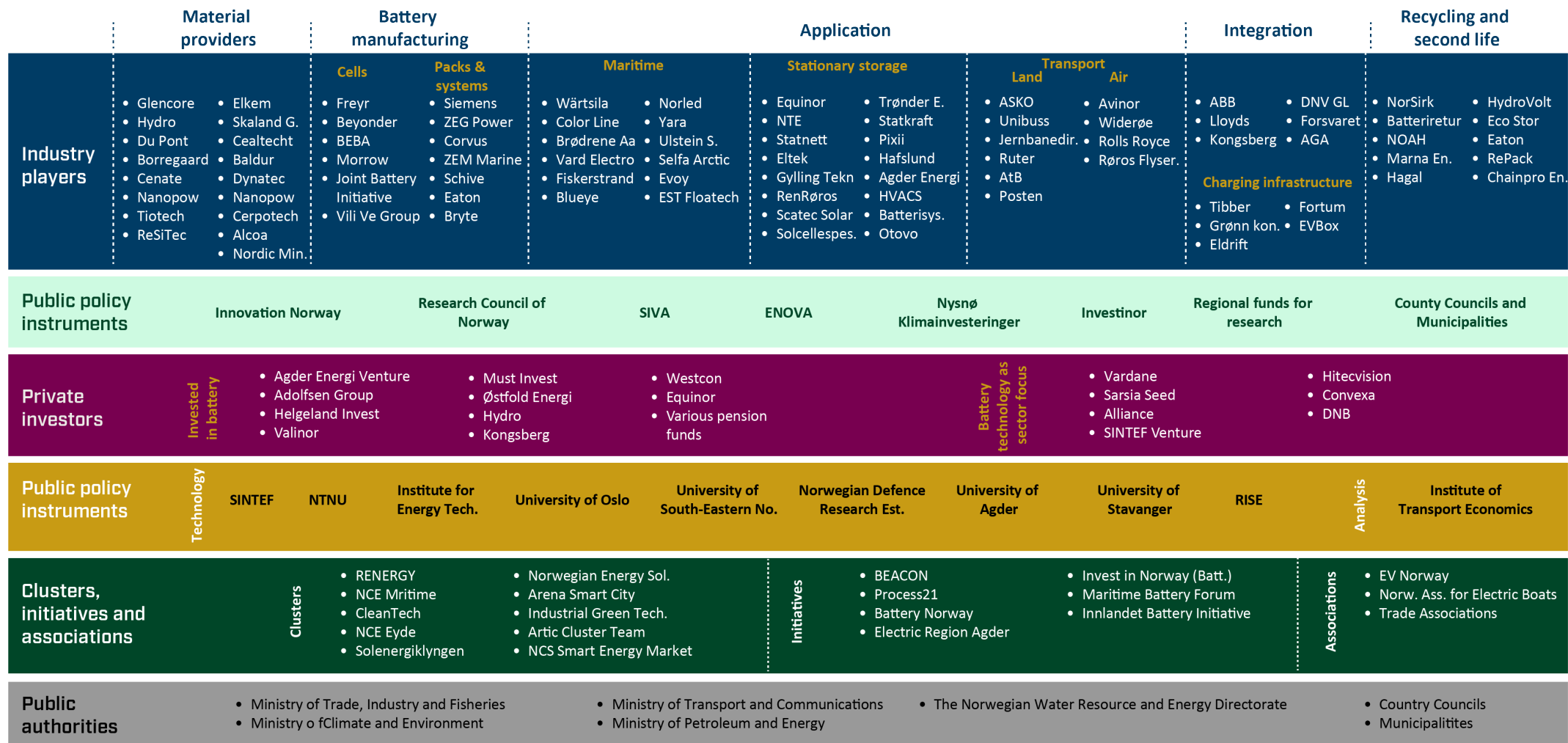
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# Stakeholders in the Norwegian battery value chain



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	Material providers	Battery manufacturing		Application	Integration	Recycling and second life						
		Cells	Packs & systems	Maritime	Stationary storage	Transport						
<b>Industry players</b>	17	6	7	12	16	10	11	10				
<b>Public policy instruments</b>	Innovation Norway	Research Council of Norway		SIVA	ENOVA	Nysnø Klimainvesteringer	Investinor	Regional funds for research	County Councils and Municipalities			
<b>Private investors</b>	Invested in battery 11			Battery technology as sector focus 7								
<b>Public policy instruments</b>	Technology	SINTEF	NTNU	Institute for Energy Tech.	University of Oslo	University of South-Eastern No.	Norwegian Defence Research Est.	University of Agder	University of Stavanger	RISE	Analysis	Institute of Transport Economics
<b>Clusters, initiatives and associations</b>		Clusters 10			Initiatives 7			Associations 4				
<b>Public authorities</b>	<ul style="list-style-type: none"> <li>Ministry of Trade, Industry and Fisheries</li> <li>Ministry of Climate and Environment</li> </ul>			<ul style="list-style-type: none"> <li>Ministry of Transport and Communications</li> <li>Ministry of Petroleum and Energy</li> </ul>			<ul style="list-style-type: none"> <li>The Norwegian Water Resource and Energy Directorate</li> </ul>		<ul style="list-style-type: none"> <li>County Councils</li> <li>Municipalities</li> </ul>			



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# Stakeholders – Industry players

	Material providers	Battery manufacturing		Application		Integration	Recycling and second life
Industry players	<ul style="list-style-type: none"> <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>• Cealtech</li> <li>• Baldur</li> <li>• Dynatec</li> <li>• Nanopow</li> <li>• Cerpotech</li> <li>• Alcoa</li> <li>• Nordic Min.</li> </ul>	<p><b>Cells</b></p> <ul style="list-style-type: none"> <li>• Freyr</li> <li>• Beyonder</li> <li>• BEBA</li> <li>• Morrow</li> <li>• Joint Battery Initiative</li> <li>• Vili Ve Group</li> </ul> <p><b>Packs &amp; systems</b></p> <ul style="list-style-type: none"> <li>• Siemens</li> <li>• ZEG Power</li> <li>• Corvus</li> <li>• ZEM Marine</li> <li>• Schive</li> <li>• Eaton</li> <li>• Bryte</li> </ul>	<p><b>Maritime</b></p> <ul style="list-style-type: none"> <li>• Wärtsila</li> <li>• Color Line</li> <li>• Brødrene Aa</li> <li>• Vard Electro</li> <li>• Fiskerstrand</li> <li>• Blueye</li> <li>• Norled</li> <li>• Yara</li> <li>• Ulstein S.</li> <li>• Selfa Arctic</li> <li>• Evoy</li> <li>• EST Floatech</li> </ul>	<p><b>Stationary storage</b></p> <ul style="list-style-type: none"> <li>• Equinor</li> <li>• NTE</li> <li>• Statnett</li> <li>• Eltek</li> <li>• Gylling Tekn</li> <li>• RenRøros</li> <li>• Scatec Solar</li> <li>• Solcellespes.</li> <li>• Trønder E.</li> <li>• Statkraft</li> <li>• Pixii</li> <li>• Hafslund</li> <li>• Agder Energi</li> <li>• HVACS</li> <li>• Batterisys.</li> <li>• Otovo</li> </ul>	<p><b>Transport Land</b></p> <ul style="list-style-type: none"> <li>• ASKO</li> <li>• Unibuss</li> <li>• Jernbanedir.</li> <li>• Ruter</li> <li>• AtB</li> <li>• Posten</li> </ul> <p><b>Air</b></p> <ul style="list-style-type: none"> <li>• Avinor</li> <li>• Widerøe</li> <li>• Rolls Royce</li> <li>• Røros Flyser.</li> </ul>	<ul style="list-style-type: none"> <li>• ABB</li> <li>• Lloyds</li> <li>• Kongsberg</li> <li>• DNV GL</li> <li>• Forsvaret</li> <li>• AGA</li> </ul> <p><b>Charging infrastructure</b></p> <ul style="list-style-type: none"> <li>• Tibber</li> <li>• Grønn kon.</li> <li>• Eldrift</li> <li>• Fortum</li> <li>• EVBox</li> </ul>	<ul style="list-style-type: none"> <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>



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better society