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09:35 - Electric region Agder - Trond Kristiansen (**Agder FK**)

09:45 - Batteriverdikjede og Elkems prosjekter - Gunstein Skomedal (**Elkem**)

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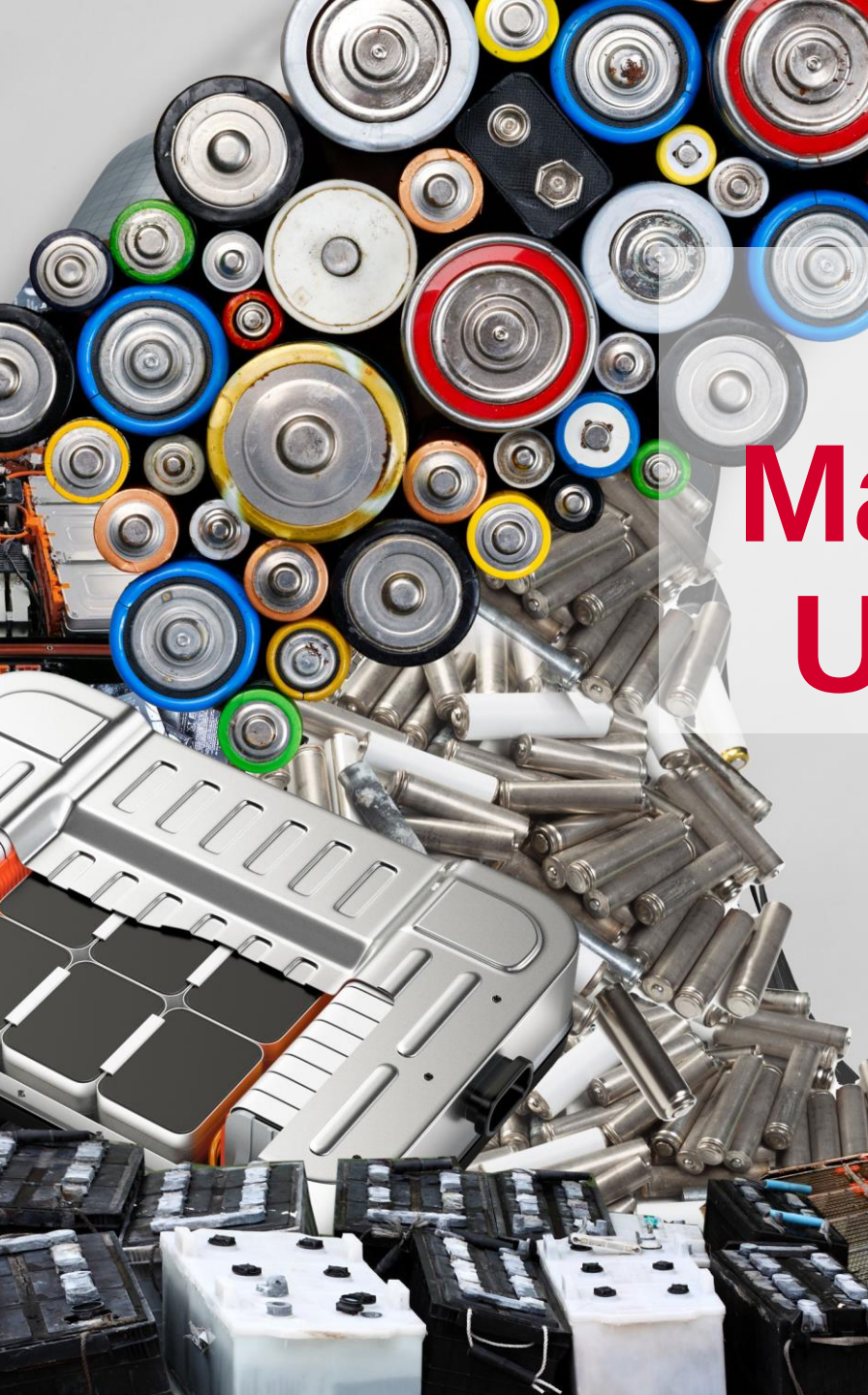
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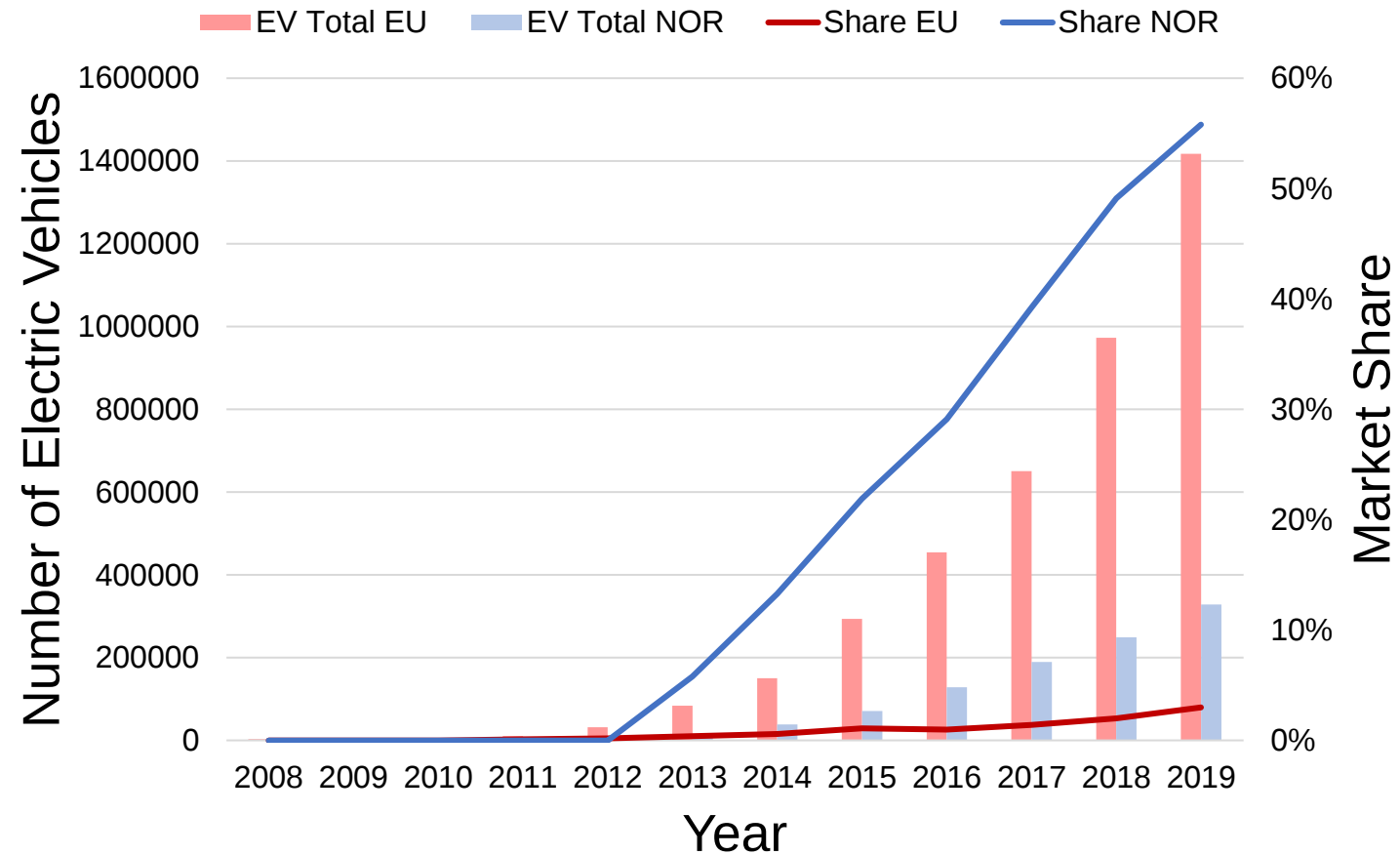


Trailblazing Resource Management Through the Upcoming Battery Wave

Agder Batteri Conference
October 2020



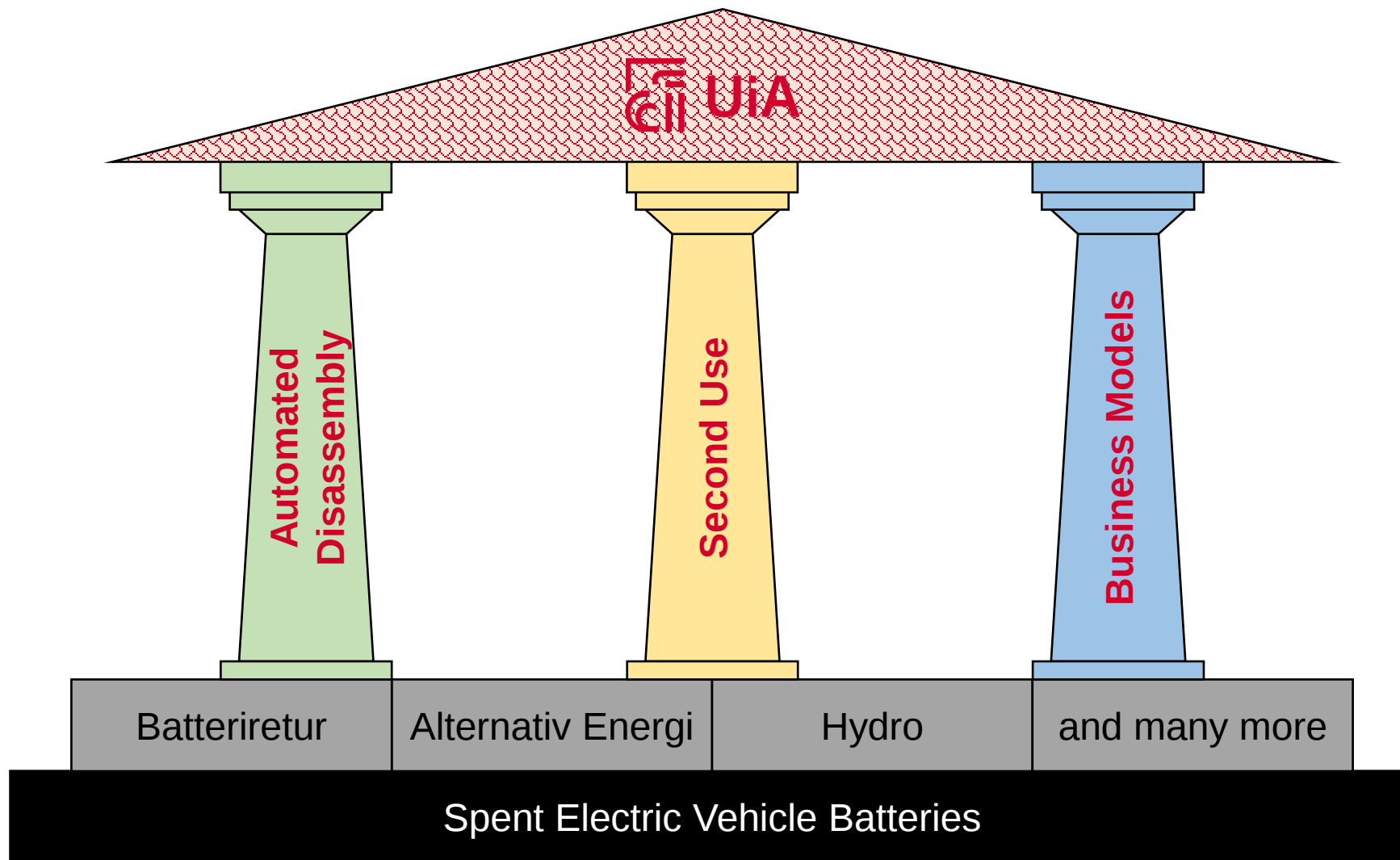
Electric Vehicles: Europe vs Norway



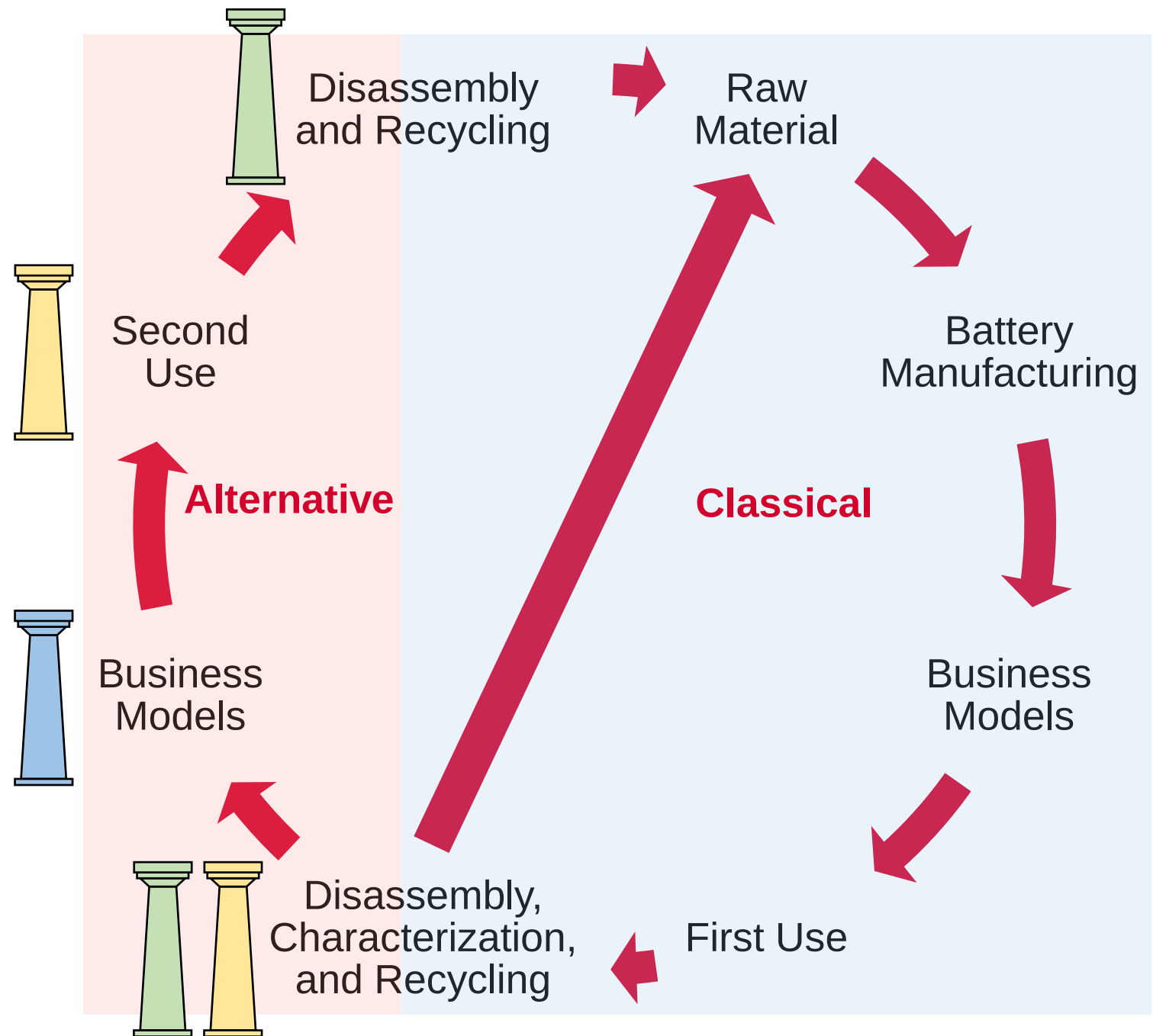
Source: www.eafo.eu

Battery Activities

at the University of Agder



Battery Value Chain

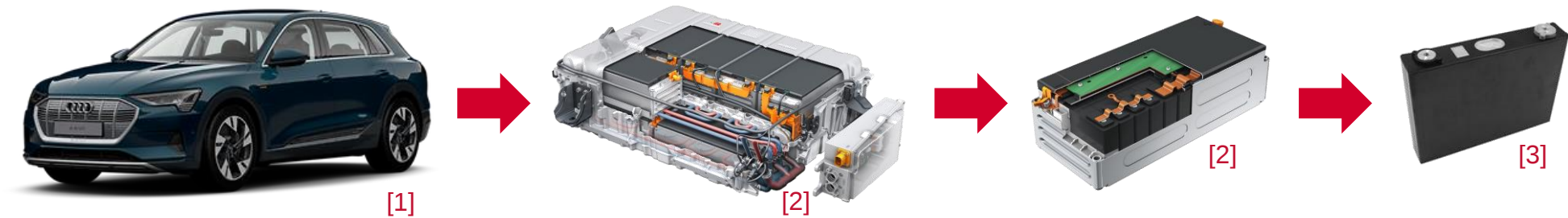


Automated Disassembly

of electric vehicle battery packs using robots

Goals

Developing a dismantling process from a battery pack to a cell level



Robotic system that will deal with a large variety of battery systems

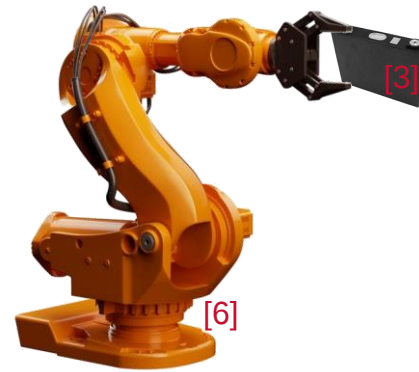


Second Use

of electric vehicle batteries for stationary storages

Goals

Automated characterization of decommissioned electric vehicle batteries



Identify suitable applications and development of battery control algorithms



Business Models

for secondary use and recycling of EV battery materials

Goals

Identify business models for secondary use and recycling



Identify environmental impacts of different reuse scenarios



References

credit where credit is due

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Collaboration?

interesting and fruitful opportunities

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