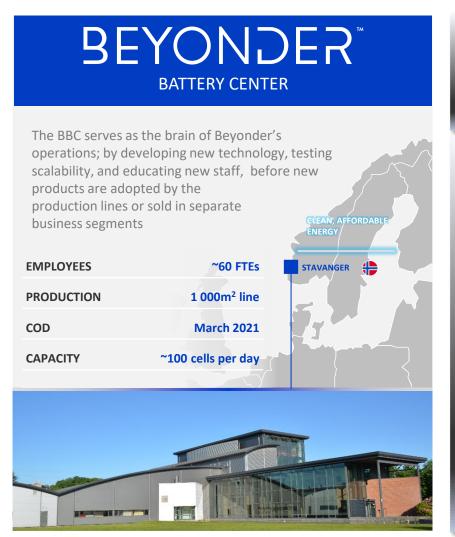
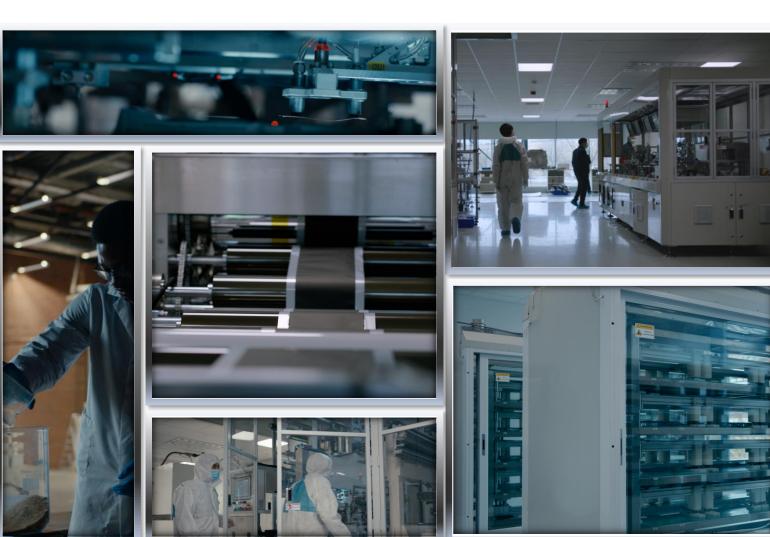






One of the first producing cell manufacturers in Europe





Beyonder enables cost savings in attractive markets

BEYONDER*

MARKET

ATTRACTIVE FOR HIGH GROWTH MARKETS



Highly suitable technology for applications in fast growing markets fueled by the green transition (higher electrification and more intermediate power generation)

TECHNOLOGY

NEW BATTERY TECHNOLOGY



Beyonder's battery complements two existing technologies (LiB and super capacitators), leverages the advantages of both to prolong lifetime and reduce total battery cost

COMPETITION

BEYONDER IS WELL POSITIONED TO WIN



Due to proprietary technology (e.g., prelithiation process), a sustainable Nordic production line, a strong management team and proven traction with production line already up and running



The plan to introduce Beyonder batteries globally

TECHNOLOGY SCALE-UP

BEYONDER BATTERY CENTER + EXTENSION 100% OWNED



INNOVATION LINE (CURRENT):

- 1 000m²
- ~0.3 MWh per year
- R&D efforts

SCALEUP FACTORY (EXTENSION):

- ~15 000m²
- ~20 MWh per year
- Customer qualification

NORWEGIAN MASS PRODUCTION

MASS PRODUCTION LINES 0-100% OWNERSHIP



MASS PRODUCTION LINES:

- Product lines for commercial offtake
- Commercialization of technology from BBC
- Targeting 5 lines by 2026, 30 PPM per line
- ~2 GWh per year for all lines

GLOBAL EXPANSION

GLOBAL LICENSING OF TECHNOLOGY
EXTERNAL PRODUCERS PAYING ROYALTIES



EXTERNAL LINES:

- License LiC technology to external battery producers
- Scalable business model taking advantage of all IP developed from BBC
- Building capacity to meet growing market demand

2022 2023 2024 2025 2026 2027 2028 2030-2040

Selected full-scale site at Haugaland Næringspark

ABOUT HAUGALAND NÆRINGSPARK

- Beyonder has selected Haugaland Næringspark as their full-scale battery factory site
- Norway's largest zoned industrial aera (500hectare)
- · Located in an industrial intense region
- The site will have sufficient and redundant green hydropower supply
- · Good source of cooling water
- Large port facilities with deep sea quay (ISPS)
- Infrastructure with dark fibre, power, water and sewage
- Located on the west coast of Norway
- Synergies with local industry
- Located in Rogaland Municipality



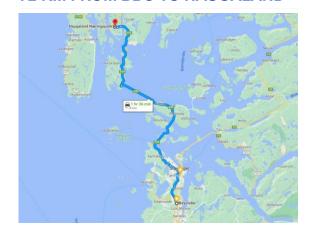


SUBSTATION

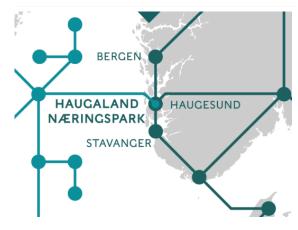


POWER

72 KM FROM BBC TO HAUGALAND



50 Ha AVAILABLE AREA



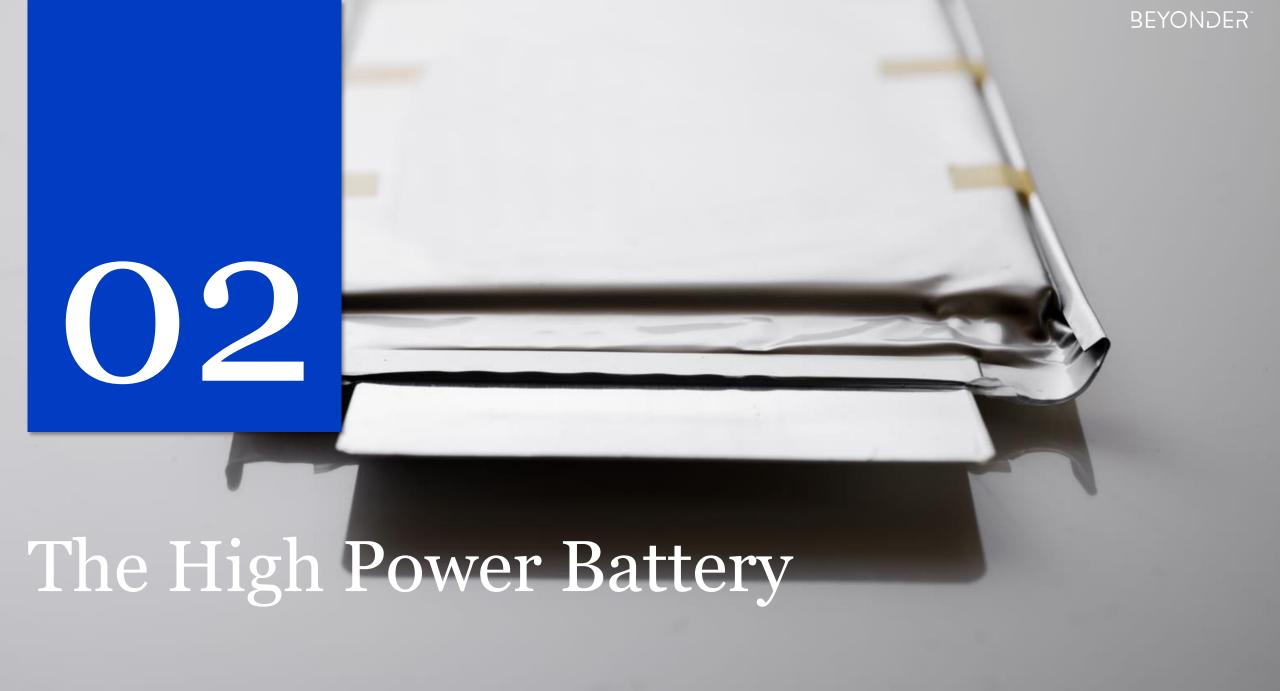
FULL-SCALE PRODUCTION LINE



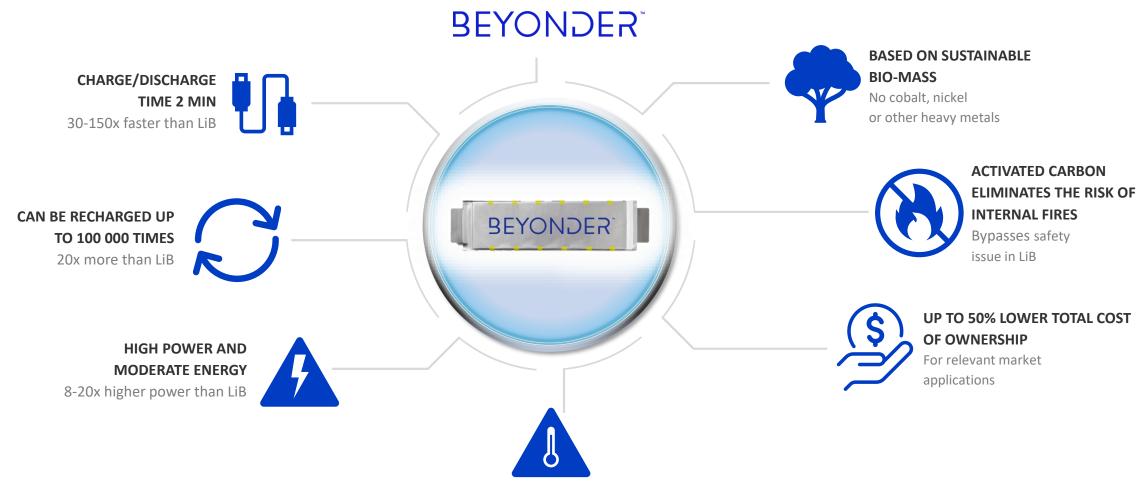
5 PRODUCTION LINES CAPACITY







Producing battery cells with unmatched proposition



WIDE OPERATING TEMPERATURE WINDOW AND LOW COOLING REQUIRMENT

-20 to 60°C range

C-rate, charge / discharge: >30 / >30



C-rate, charge / discharge: 1 / 1

Lithium-ion capacitors — the union of power and energy

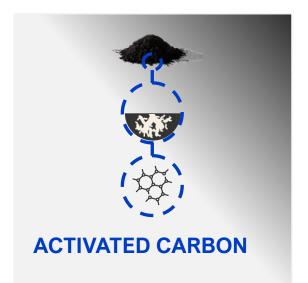




C-rate, charge / discharge: 20-30 / 20-30



Core technologies developed at Beyonder Battery Center



WHY:

- Boost specific capacitance through pore size optimization
- Reduced self-discharge through surface modification



 Increases the capacity thus the energy density



- charge control
- Increases the capacity thus the energy density



 Tailor-make the cell design with core technologies to meet with performance criteria based on customer needs

WHY:



Cycle Life(k)

120

100

Technology roadmap

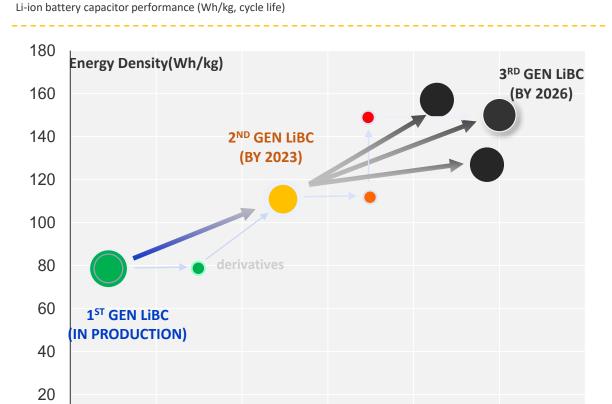




PERFORMANCE INNOVATION ROADMAP

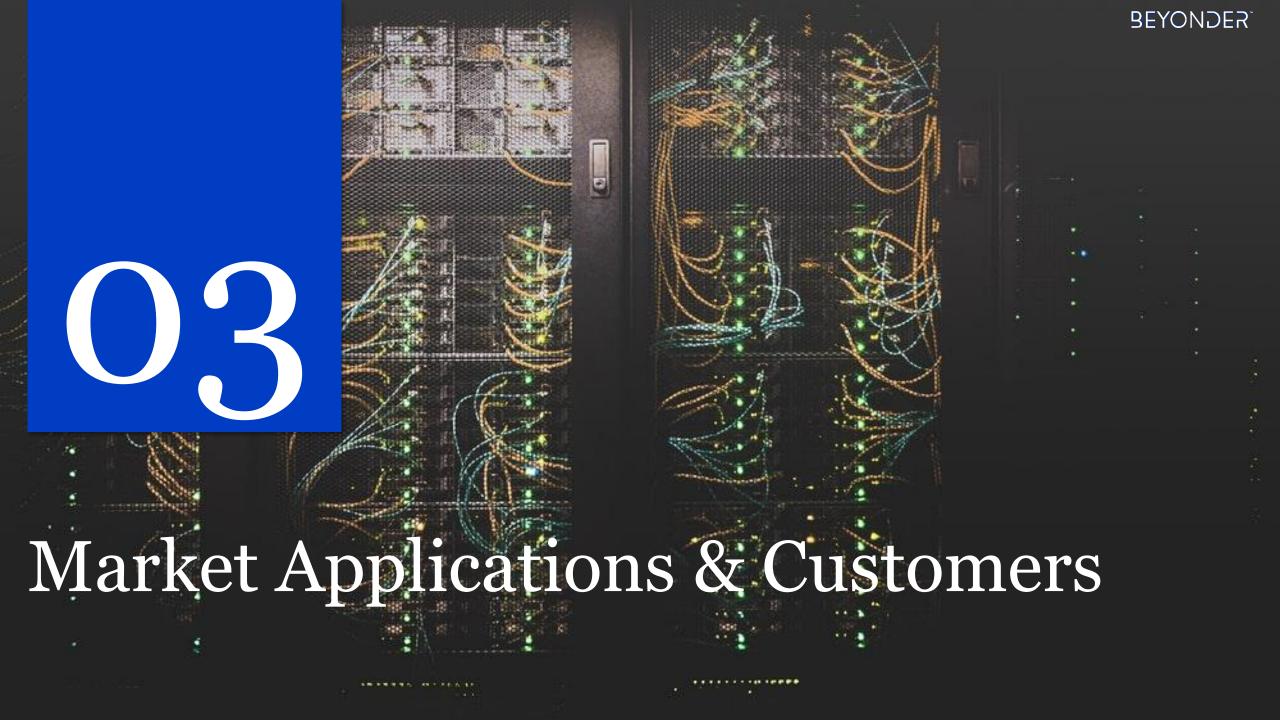
20

40



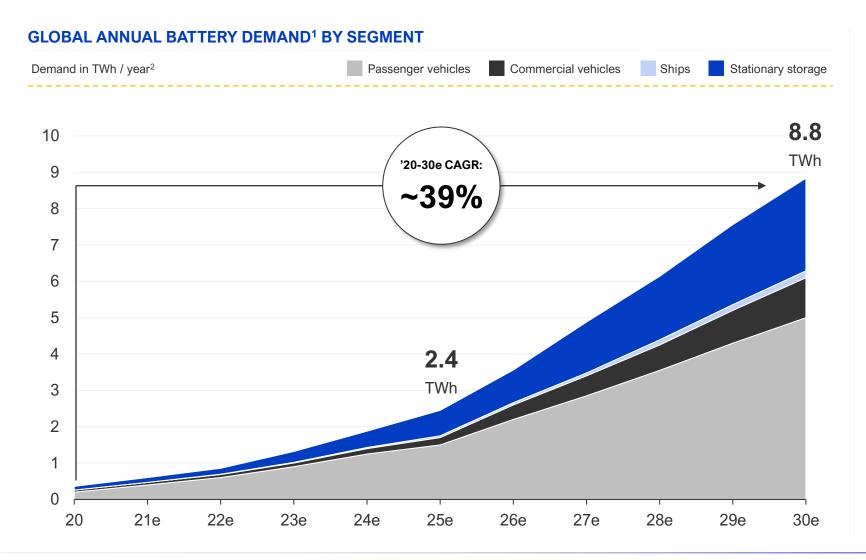
60

80





Global annual battery sales outlook



GENERAL COMMENTS:

- It is estimated that the global battery demand will grow rapidly towards 2030
- Growth is mainly driven by improved performance and reductions in costs on mainly cell level, but also for systems overall

MOBILITY:

- Passenger cars are soon to be at cost parity with traditional ICE cars and batteries for commercial vehicles is the next frontier
- Batteries will play a smaller role for shipping, but there is still solid growth in demand going forward ('30e demand for shipping is estimated to be above total battery demand for '20)

STATIONARY STORAGE:

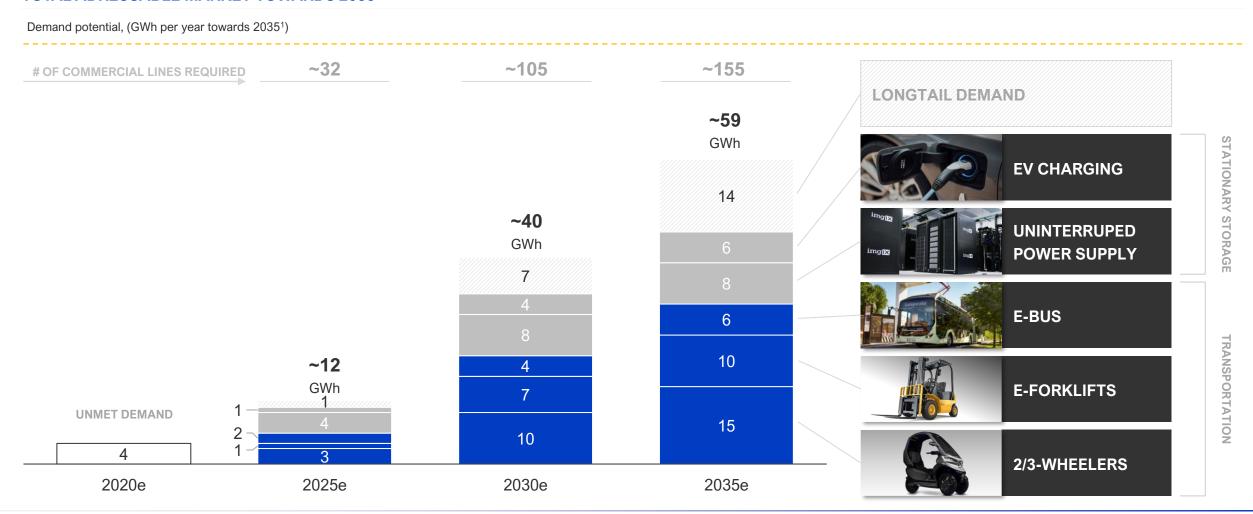
 Decarbonization of society is the main driver for growth in stationary storage, including both the power sector and industry

Source: Rystad Energy

By 2035 the total LiC addressable market is 59 GWh/y

(Assessed by McKinsey)

TOTAL ADRESSABLE MARKET TOWARDS 2035

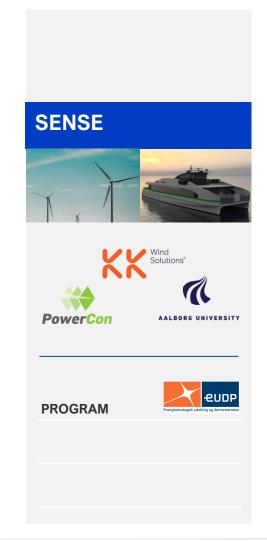


Source: McKinsey & Co.

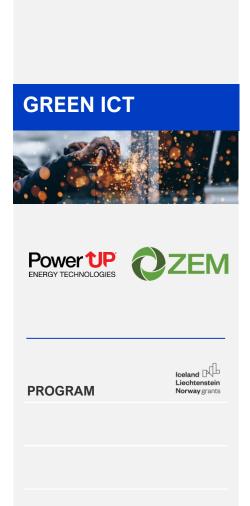
Notes: 1) Based on 2025 targets, assuming 380 MWh per production line;



International demonstration projects













International demonstration projects













ELECTIN





umhvørvisstovan













