



# Welcome to NAATBatt 2020!

**Joern Tinnemeyer – President NAATBatt**  
**Senior VP and CTO of EnerSys**



Are Batteries The New Oil? Forbes Dec 2019

UBS estimates that over the next 10 years the energy storage market in the United States could grow to \$426 Billion CNBC Dec 30 2019

2019 was the year the electric cars grew up – Automakers commit \$300 billion to electrification  
Reuters 2019

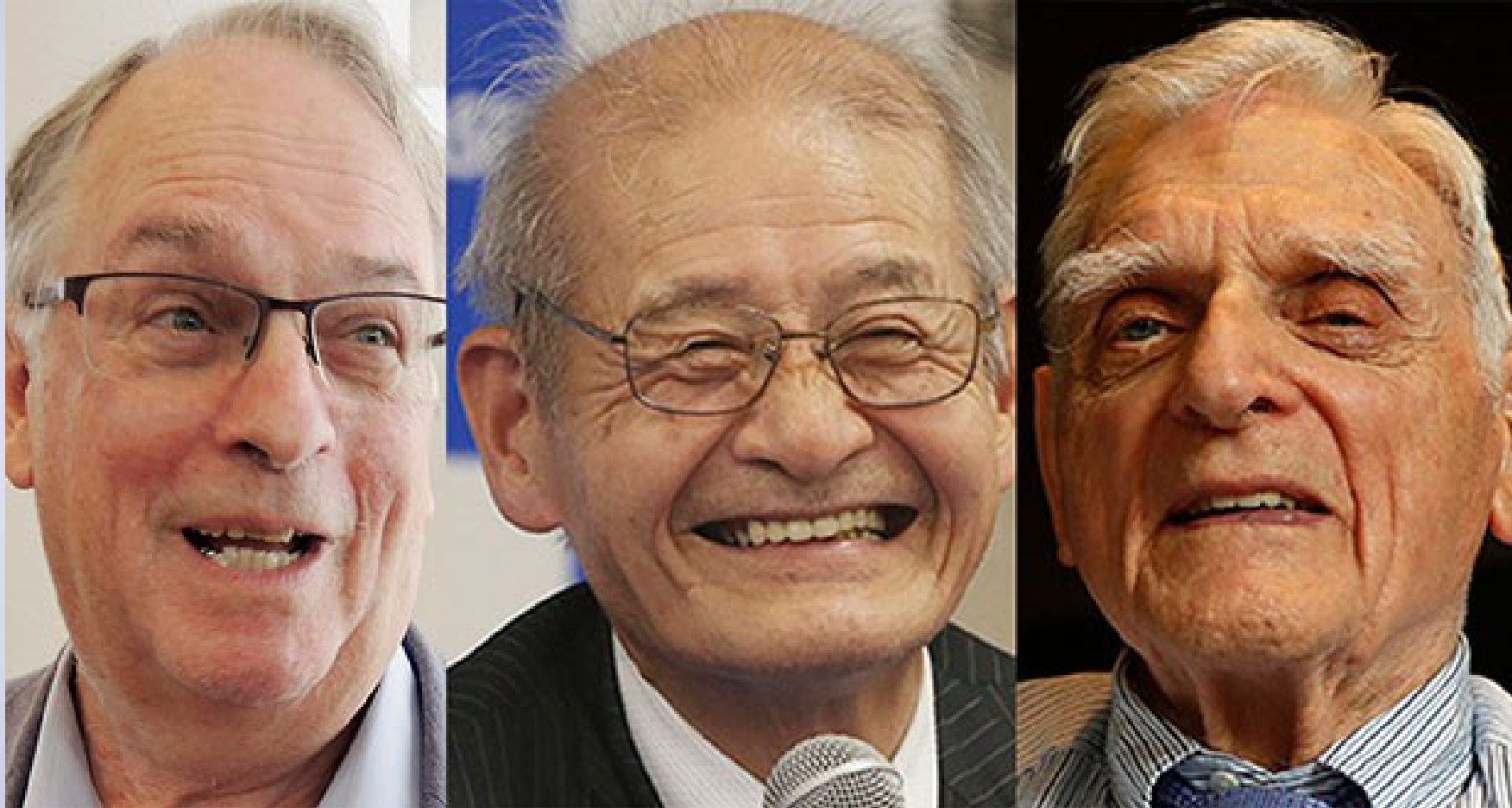
US ESS is estimated to surge over 700% by 2024 Wood Mackenzie 2019

# Global Energy Storage Market Forecast 2035: \$554 Billion

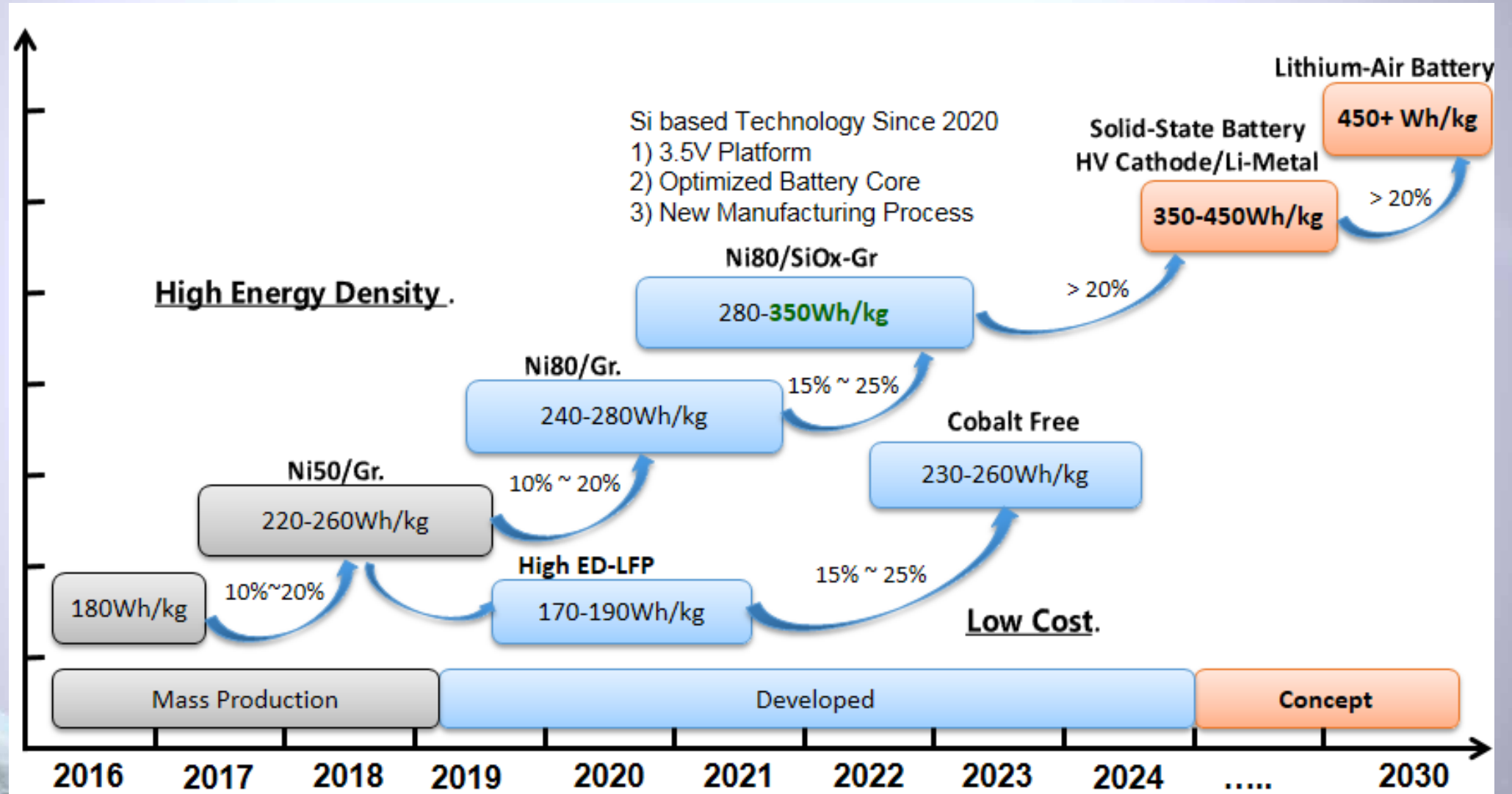
Lux Research 2020

## WHAT AN AWESOME MARKET!

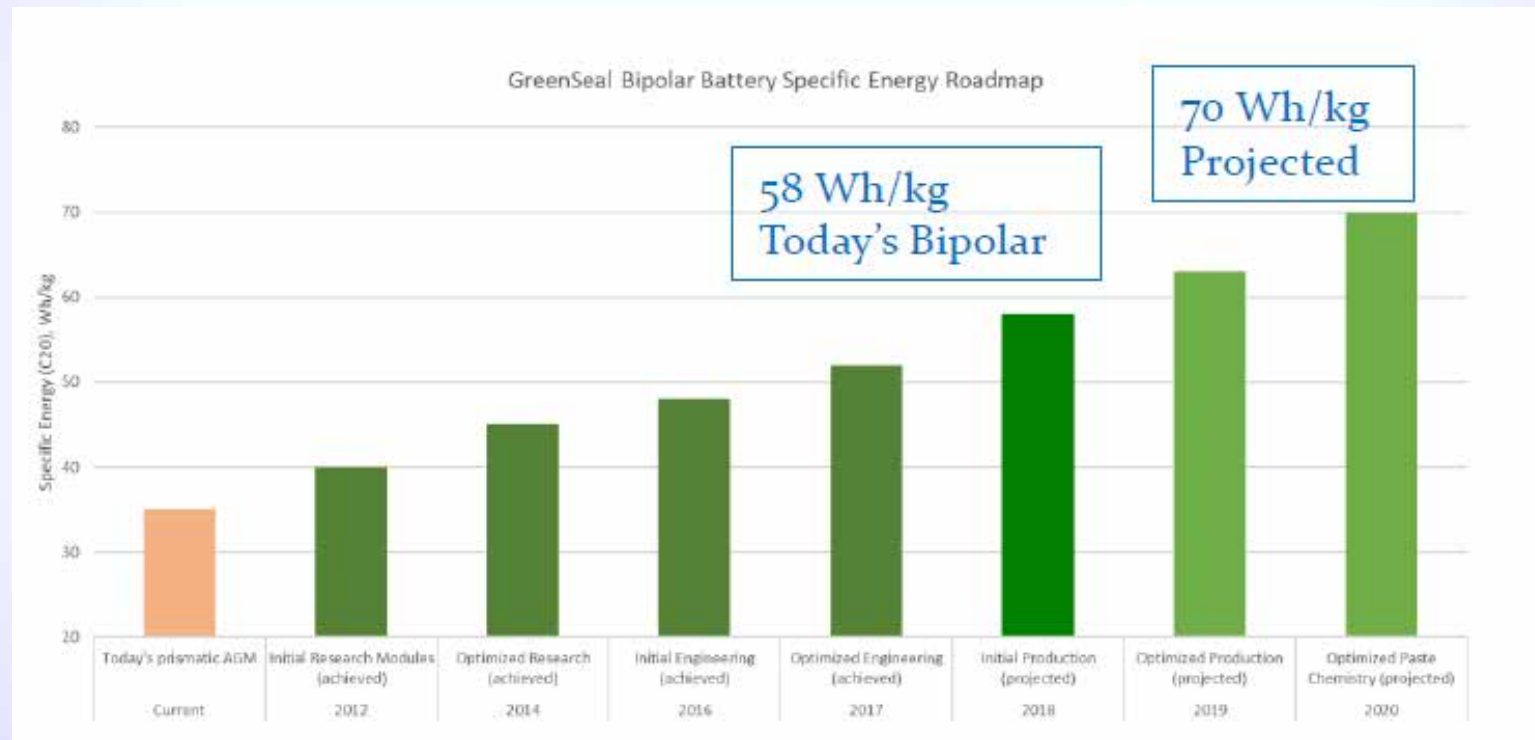
# Nobel Prize in Chemistry 2019



# Continuous Advancement



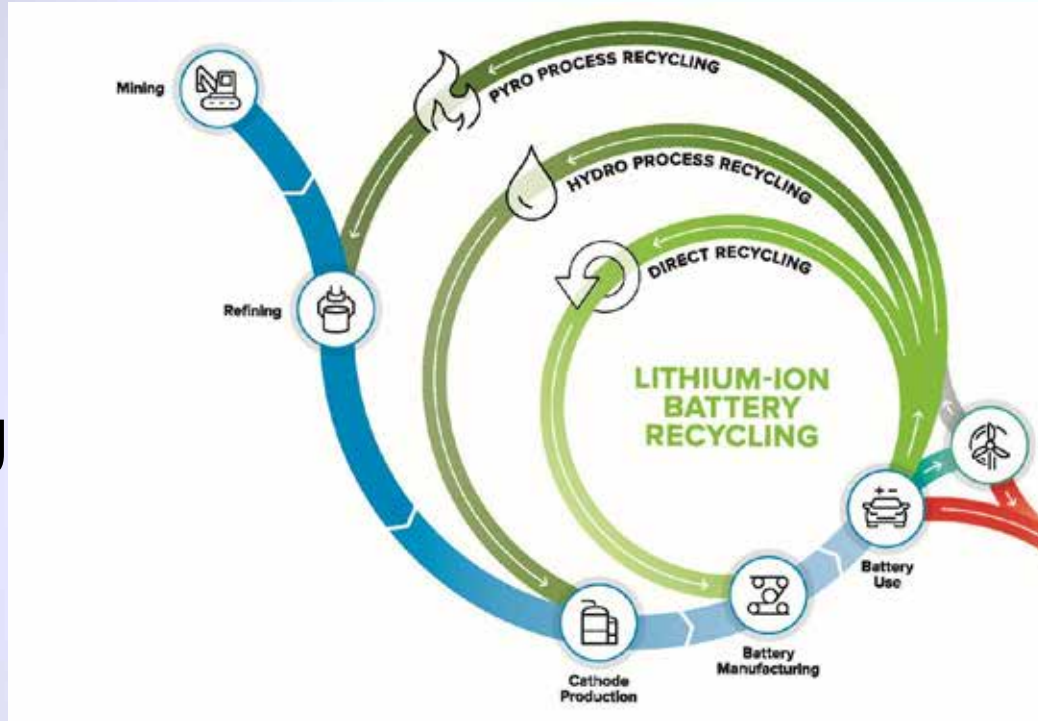
# Not just for lithium....





# We still have a lot to solve!

Recycling



Argonne National Laboratory 2019



Used EV Batteries –CNET 2017

# We still have a lot to solve!

Safety



YonHap News 2019

135K xEVs recalled  
in China 2018 Source: ITRI 2019



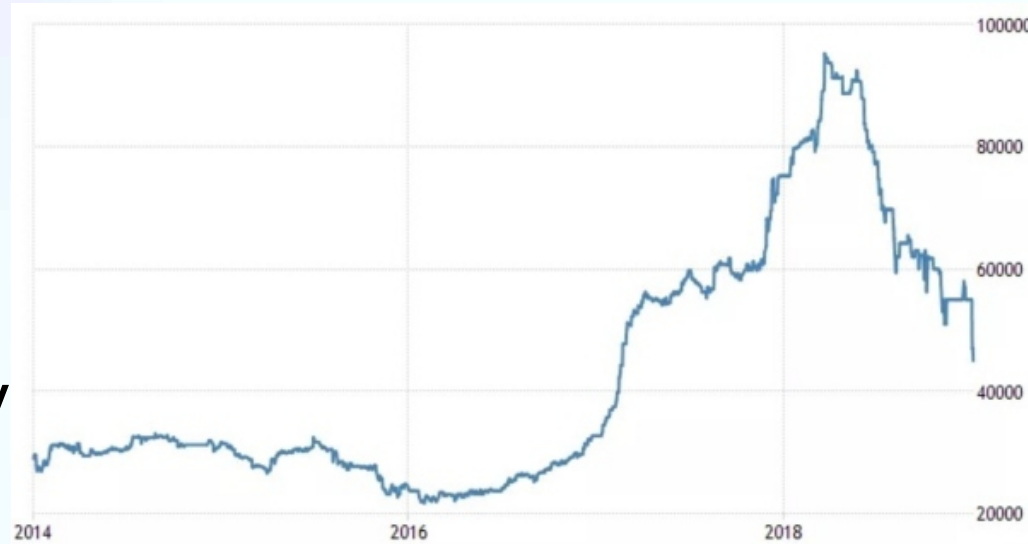
# We still have a lot to solve!

Certifications/Regulations



# We still have a lot to solve!

## Market Volatility



Trade Economics 2019



Trade Economics 2020

# We still have a lot to solve!

Market Acceptance



You have come to the right place!

**Enjoy NAATBatt 2020!**