Brief Update on SVOLT Energy Technology

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THE BIRTH OF SVOLT ENERGY TECHNOLOGY
Focus on the Battery Industry

“The Automotive Industry is Going Through an Unprecedented Transformation”
FAST GROWING R&D Facilities in Baoding (addit. facility located in Wuxi)

- **Baoding R&D**: From Nov. 2016
  - Area: 7.04 Hectares
  - Investment: 700 Million CNY

- **Wuxi R&D**: Under Construction
  - Investment: 1 Billion CNY
    - Solid State
    - Solar
    - ESS
    - Pouch Cell

**Key Figures**

- 2200 Staff (2019. Q2)
- 1,100 R&D Talents (2019. Q2)
- >350 Foreign/Experienced Industry Experts (2019. Q2)
- >2.93 Billion CNY R&D Investment (2016-2020)
- >26 Billion CNY Manufacturing Facility Investment Till 2025
CREATING THE NEW ENERGY ECO-SYSTEM
Complete Supply Chain Integration

Upstream Raw Materials
- Mineral Resources (Ni/Co/Mn/Li/Graphite)
- Materials for Electrode (LiOH)

First Use Vehicle Battery Systems
- Cell (Electrode, E/L, Separator)
- Module
- BMS
- PACK

Mid-Stream Product & Applications
- Could Enter Into Second Use

Second Use Energy Storage Systems
- Off Grid & UPS Applications
- Wind & Solar Generation Applications
- Auxiliary Grid Applications
- Could Not Enter Second Use
- Recycle Materials

Downstream Recycling
- Recycle Electrode Materials and Other Metal

Operational Research/Planned

SVOLT Energy | Company Introduction
SVOLT ENERGY TECHNOLOGY
Global Presence and Planning

Manufacturing Site, Europe
24GWh @2025
Possible Locations: Eastern Europe and Other B&R Initiative Countries

Manufacturing Sites, China
76GWh @2025
Pack: Baoding
Cell/Module:
Beijing-Tianjin-Hebei: 20GWh, 2023
Yangtze River Delta: 40GWh, 2020-2025
West: 16GWh 2023

Manufacturing Site, NA
Planning Phase
TBD

R&D Centers
Centers (Ongoing)

Manufacturing Capacity

6 Countries
7 R&D Centers
5 Manufacturing Sites (4 in Planning)
LEADING INTELLIGENT AI MANUFACTURING
Changzhou Battery Plant

Grand Opening in 2019

Changzhou Plant Brief
- Area: 54 ha
- Investment: 10 Billion CNY
- Expected Revenue: 20 Billion CNY
- Intelligent Manufacturing
- Phase I + Phase II: 10 GWh
- Phase III: 8 Gwh

Total Manufacturing Capacity in China
- 2025 Capacity: 76 GWh
- Cumulated Investment: 26 Billion CNY

Cumulative GWh production from 2020 to 2025:
- 2020: 10 GWh
- 2021: 18 GWh
- 2022: 24 GWh
- 2023: 40 GWh
- 2024: 56 GWh
- 2025: 76 GWh

Grand Opening in 2019
EU Battery Plant

- **Area**: ~60 Hectares
- **Investment**: 2 Billion EUR (2.24 Billion USD)
- **Planned Capacity**: 24 GWh
- **Kickoff**: Q4 2020
- **Phase I SOP 6GWh**: Q1 2023
- **Phase II – IV according customer demand**
- **Battery R&D Center**
- **Cathode Material Production Plant**
- **High Speed Stacking Technology**
- **Flexible Line**
- **AI Systems**

- **Capacity GWh**
  - 2023: 6 GWh
  - 2024: 12 GWh
  - 2025: 18 GWh
  - 2026: 24 GWh

- **Investment**: 2 bn€