

# Report on EV Battery Cost Reduction Survey

**Survey Overview:** As part of our ongoing efforts to understand the perspectives of the XEN and XEV.FiN community, we conducted a survey to identify the most critical factor in reducing electric vehicle (EV) battery costs. The question posed was:

## What is the most critical factor in reducing EV battery costs?

- A) Advancements in lithium-ion battery chemistry
- B) Development of solid-state batteries
- C) Economies of scale in production
- D) Government subsidies for R&D

**Survey Results:** We received a total of 42 responses from community members, with the following distribution:

- **A) Advancements in lithium-ion battery chemistry:** 14 votes (33.3%)
- **B) Development of solid-state batteries:** 0 votes (0%)
- **C) Economies of scale in production:** 24 votes (57.1%)
- **D) Government subsidies for R&D:** 4 votes (9.5%)

## Analysis:

- The most favored option was **C) Economies of scale in production**, which received 24 votes (57.1%). This indicates a strong consensus that scaling production is vital for reducing costs, suggesting that community members prioritize practical, industry-driven solutions.
- **A) Advancements in lithium-ion battery chemistry** received 14 votes (33.3%), highlighting ongoing interest in improving existing technologies, though it was not viewed as the top priority.
- Notably, **B) Development of solid-state batteries** received no votes (0%), indicating that the community may view this technology as a future prospect rather than an immediate cost-reduction strategy.
- **D) Government subsidies for R&D** received 4 votes (9.5%), suggesting that participants believe the industry should lead cost reduction efforts rather than relying heavily on government intervention.

**Conclusion:** The survey results reveal a clear preference for strategies focused on scaling production to reduce EV battery costs. This insight can help inform future

initiatives and discussions within the community as we aim to drive innovation and affordability in the EV sector.

Option	Votes	Percentage
A	14	33.3%
B	0	0%
C	24	57.1%
D	4	9.5%