



Batteries: Spotlight on Collaborations

Q2 2024

Road Team Meeting



Drive Electric
CAMPAIGN

DEC Battery Sustainability Goal:

100% sustainable batteries sold globally by 2040



2030

City & school buses;
2- & 3-wheelers



2035

Passenger
vehicles



2040

Freight
trucks



2040

100%
Sustainable
Batteries



2050

All new
vehicles

What is reflected in the DEC battery goal: what is sustainable?

- Maximum recycled content
- Design optimized for repair, reuse and material recovery
- Optimized end of life and second life processed
- Material and product efficiency
- Manufactured with renewable energy
- Optimized manufacturing and/or recycling for minimum environmental impact
- All materials are responsibly sourced



Why battery sustainability?

Batteries power our modern life.

Smart phones, power tools, electric bikes, energy storage, electric vehicles



Batteries contain valuable minerals.

Average battery contains 200kg of lithium, cobalt, nickel, manganese, graphite, aluminum, etc



Batteries can expand energy access.

The life and use of EV battery can be extended through stationary use.





Advocacy priorities

Battery standards and regulations addressing mineral sourcing, production, and recycling

Industry engagement and pressure for improved battery supply chain

Research & Strategic communications to shape narratives and dispel myths

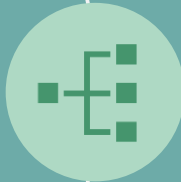
Strategic goals for a global battery sustainability



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Facilitate collaboration and alignment across regional partners for globally cohesive approach to battery sustainability



Facilitate learning and sharing of best practices across regional partners



Leverage learning from other sectors on best practices for battery sustainability

Opportunities exist across the globe — and the moment to act is now



US: Advocacy for a circularity bill mirroring EU's Battery Law.

EU: Battery Law that covers recycling with recovery targets, and recycled content requirements.

China: Forthcoming standards from the Ministry of Ecology and Environment on battery waste treatment.

Indonesia, Chile, Brazil and Mexico: Assessments of the potential for battery recycling regulations.

India: Initiative to scale domestic battery manufacturing and close assessments on positioning India as a recycling hub.

Key challenges

1. Political will supporting battery end of life and recycling regulations
2. Industry push back on recovery targets, labeling and EPR
3. New area to the advocacy community



Thank you.

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