Mitigation of Climate Change – TRANSPORT

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Webinar
Upscaling E-Mobility in Developing Countries for Climate Mitigation
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Transport emissions increased share from 13% in 1990 to 15% in 2019
Pathways for decarbonizing transport technologies

Source: IPCC, 2022 Sixth Assessment
Key Technology Trends

Source: IPCC, 2022 Sixth Assessment
Trends in EVs

- Electric vehicles powered by low-emissions electricity offer the largest decarbonisation potential for land-based transport,” IPCC SPM C8
- Upcoming Challenges
  - Increasing costs of raw materials
  - Disposal of batteries
Life cycle emissions of different technologies for LDVs

Source: IPCC, 2022 Sixth Assessment
E Mobility at COP26

A number of emerging markets to **accelerate the transition to ZEVs** in their markets (including African countries - Rwanda, Kenya)

A new World Bank trust fund to mobilise **$200 million** over the next 10 years to **decarbonise road transport in emerging markets and developing economies**.

The **Zero Emission Vehicle Transition Council (ZEVTC)** to launch its first annual Action Plan for sustained international cooperation to accelerate the transition

A **new declaration** signed by more than **100 national governments, cities, states and major car companies on zero-emission cars** and vans to end the sale of internal combustion engines by 2035 in leading markets, and by 2040 worldwide.
Innovation, Industry and Jobs

Ampersand, Rwanda’s Electric Motorcycle Startup Secures $9 million Funding

Opibus: The mobility startup converting Kenya to electric vehicles