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Development Dialogue – Transition to Electric Vehicles

TIPS Development Dialogues

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National context: New energy vehicle sales, 2017–2022

Year	2017	2018	2019	2020	2021	2022	Total
Plug-in hybrid electric vehicles	121	89	72	77	51	122	532
Hybrid electric vehicles	182	55	181	155	627	4050	5250
Battery electric vehicles (including medium commercial vehicles)	68	58	154	92	218	502	1092
Total	371	202	407	324	896	4674	6874

Source: 2018–2022 data (AIEC, 2023); 2017 data (naamsa | ABC, Feb 2023)

Key considerations and policy developments

- Domestic hybrid vehicles production (Mercedes-Benz and Toyota)
- Announced hybrid production plans (Ford and BMW)
- International developments
 - The EU
 - China
- National policy developments
 - The Automotive Masterplan 2035
 - The Auto Green Paper on New Energy Vehicles, 2021
 - The White Paper on New Energy Vehicles, December 2023

Key imperatives

- Manufacturing localisation and NEV component regional value chain development
- Plant closures/Manufacturing shut down
- Employment targeting
- Constraints that must be addressed
 - Electricity under-capacity crisis
 - Powering production – fossil fuel implications for SA automotive products
 - Logistics network

Thanks