



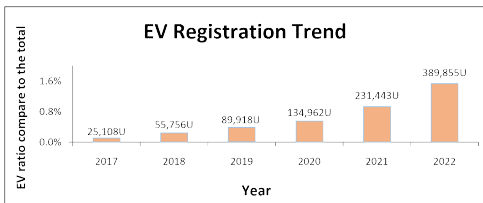
# **A plan for enacting durability regulation of electric vehicle**

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## Electric Vehicle status in korea

- Number of registered cars : 25.5 million('22)
- Number of registered electric vehicles : 390 thousand('22)
  - Registration proportion of electric vehicles : 1.5%
  - Electric vehicles **account for 27%** of the new cars registered in '22 years
  - The number of new registered electric vehicles increased by **61%** compared to '21 years



- Domestic EV manufacturer's battery is guaranteed for 1 million km
- Guaranteed virtually for 10 years regardless of mileage
- No durability guarantee depending on mileage



## enacting durability regulation of electric vehicle

### ▪ Progress

- Development of durability evaluation equipment that simulates external environment and driving environment until '26
- Enactment of **domestic regulation applying GTR22** in '27

### ▪ Future Plans

- Need to analyze durability severity simulating domestic driving environment
- As the safety certification system\* is implemented in Korea, need to discuss evaluation methods for durability before sales.
- Need to discuss **battery identification number** indication status

#### \* safety certification system

- Pre-certification of compliance with safety standards for core devices such as batteries

[durability evaluation test equipment]

