



Accelerating Regulatory Cooperation

with EU-Japan EPA

Miyuki Takahashi
General Manager
Nissan Motor Company

May 15, 2019

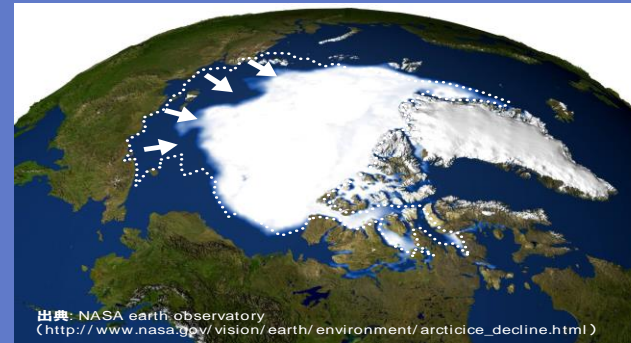


Social Issues

Energy



Global warming



Congestion



Traffic accidents



Solutions

Energy



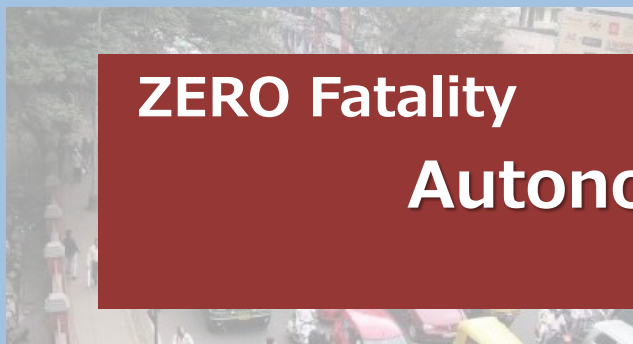
**ZERO Emission
Electric Vehicle**

Global warming



出典: NASA earth observatory
(http://www.nasa.gov/vis/realtime/animation/arcticice_decline.html)

**ZERO Fatality
Autonomous Drive**



Congestion



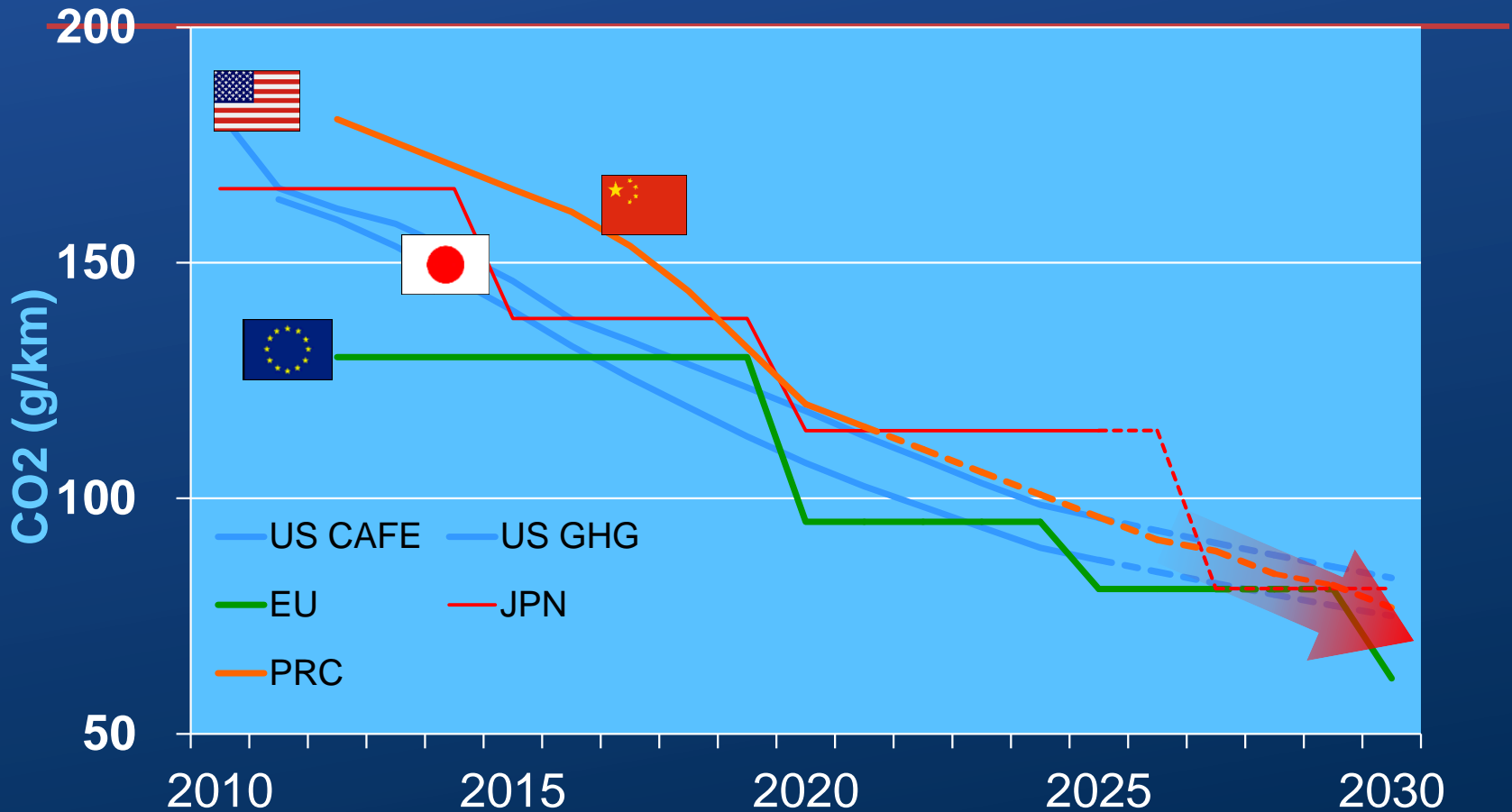
Traffic accidents



De-carbonization and AD promotion : Key pillars in EU GEAR2030 for future competitiveness & sustainability

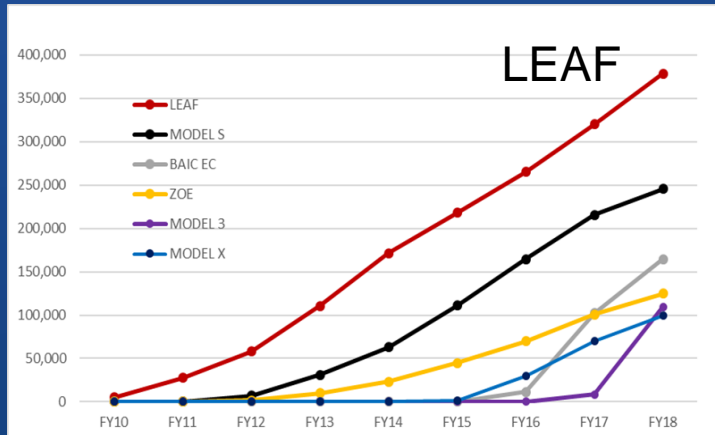


Ambitious CO2 Regulations Globally





Nissan's Efforts for Electrification & Energy Eco-system



Data source: JATO & CPCA



Nissan LEAF is the best selling electric Vehicle model

Nissan sold more than

410000

As of Jan, 2019
LEAF vehicles since its launch in 2010

Nissan LEAF is currently available in 51 markets



Nissan AD technology development

*as of Aug 2018

2016

Global Sales
157,000 units*



2022

Launched 5 models in Japan, US and Europe



Highway

single-lane



Highway

multiple-lane



Urban roads

intersections



Robot Taxi Road Test with IT partners



For Unified Regulation for Autonomous Drive

UN WP.29

Group for Autonomous Drive (GRVA)

Newly
Established
in 2018

Function Requirements

New Assessment / Test Method

Cyber security & Software Updates

Data Storage System for Automated Driving

- Adopted requirements for **Level2** Hands-On Lane Keep & Lane Change
- Discussing requirements for **Level3 Lane Keep**



- **EU-Japan EPA:** the best framework of Regulatory Cooperation.
- Let us work together to build Global common regulations for future technologies.

