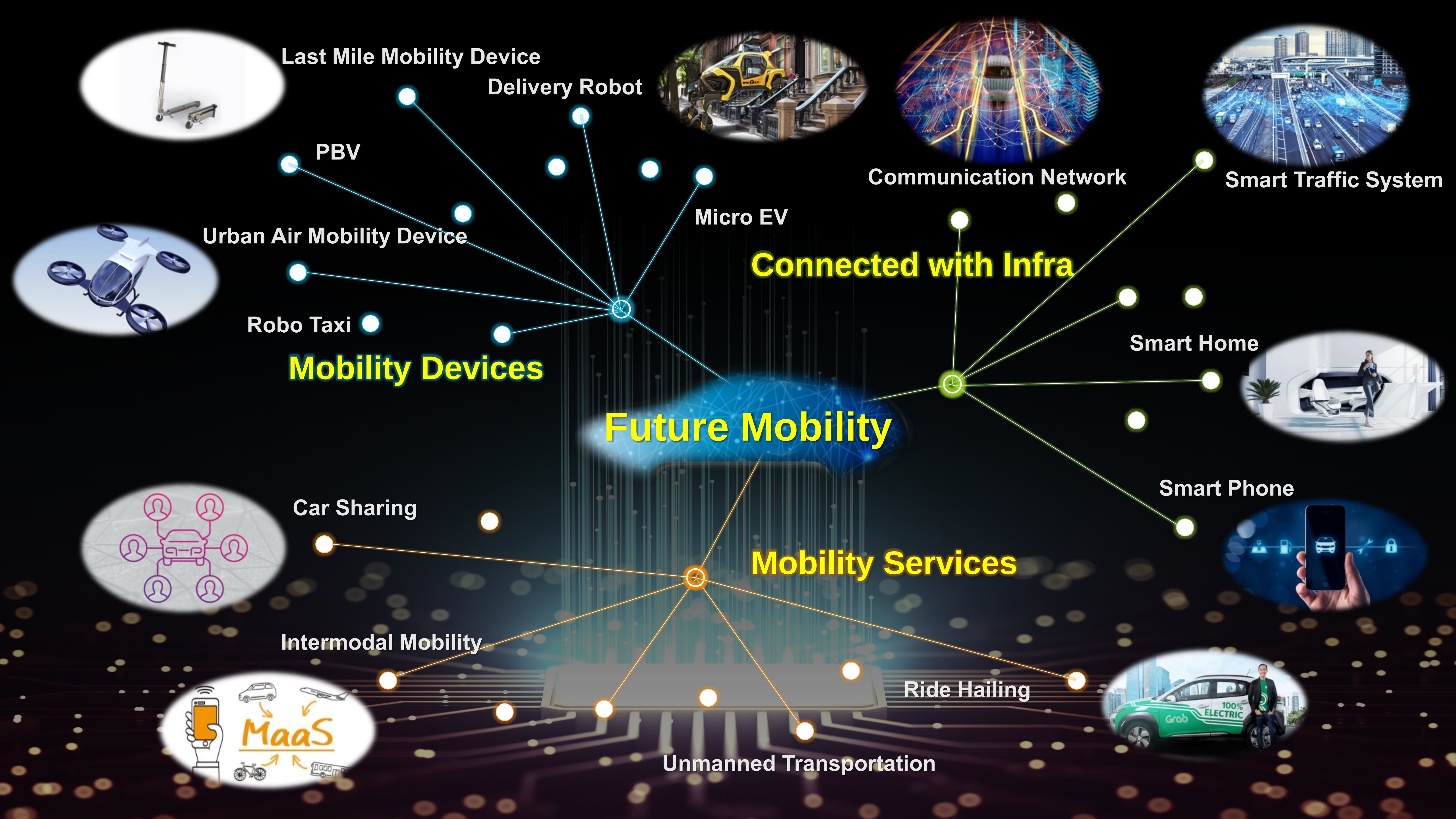


Hyundai's Outlook on Future Energy and Mobility

Albert Biermann

President, Head of R&D Division
Hyundai Motor Group





SEOUL, KOREA
(2019.2)



TEL AVIV, ISRAEL
(2019.2)



Hyundai
Motor
Group

Vehicle Architecture and Production
ADAS-based Autonomous Driving Technology

JOINT VENTURE

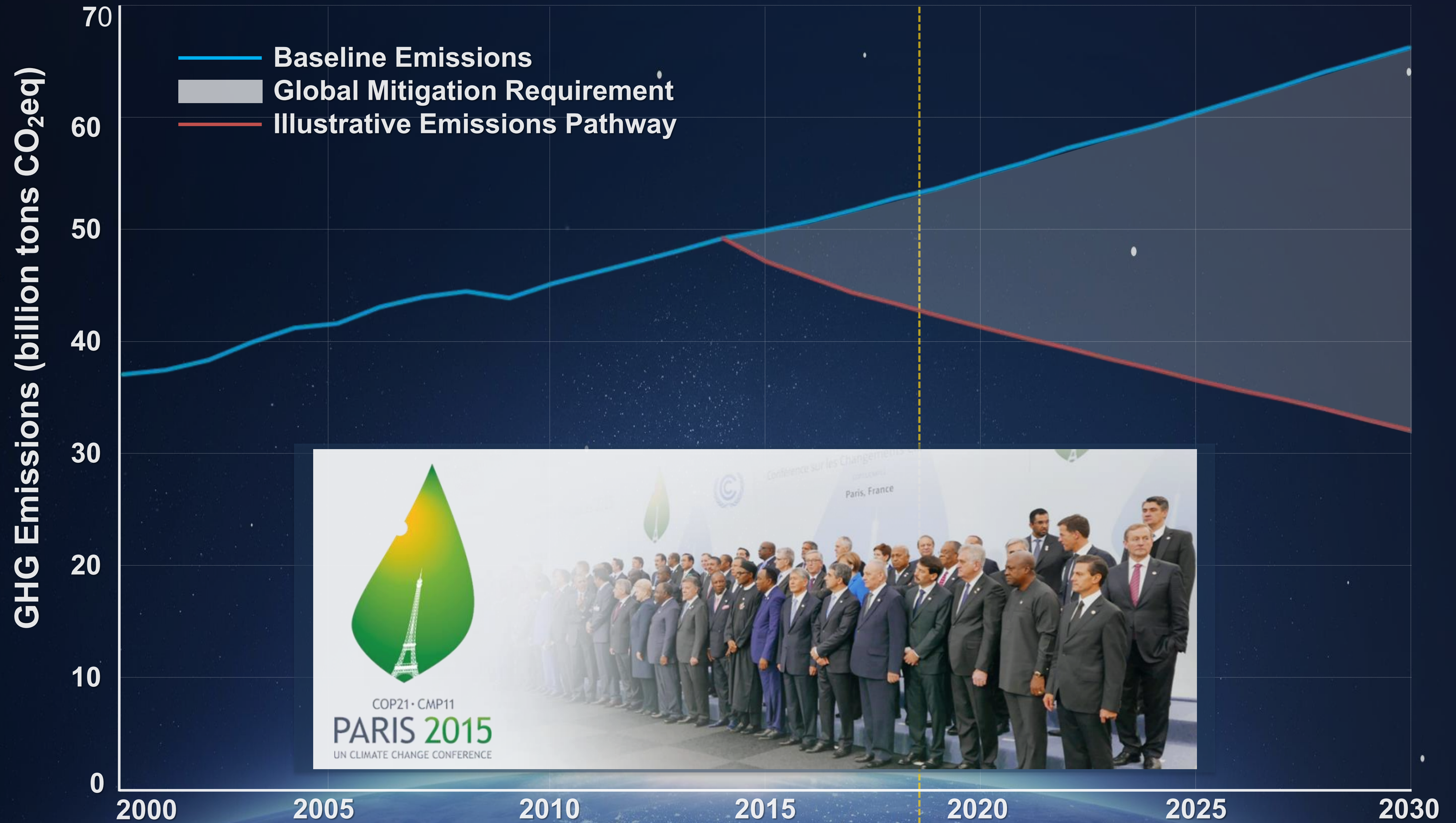
Synergy toward
Full Autonomous Driving

Aptiv



Autonomous Driving SW Technology
Radar, Camera, LiDAR Sensor Technology





*Source: FAIR SHARES: A CIVIL SOCIETY EQUITY REVIEW OF INDCS REPORT, Nov. 2015.
- The Global Mitigation Pathway, Page 9

Mild HEV



Full type HEV



Plug-in HEV



BEV



FCEV



Expanding to 44 Models by 2025

※ Passenger car only



NEXO

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6
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Together for a better future



Fuel Cell Bus



Fuel Cell Truck

HMG FCEV Vision

2030

700,000

500,000

7 bn

**First Mover in Hydrogen Economy
Leading the Hydrogen Society**



Together for a better future

Lifetime Partner in Automobiles and Beyond



HYUNDAI
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