



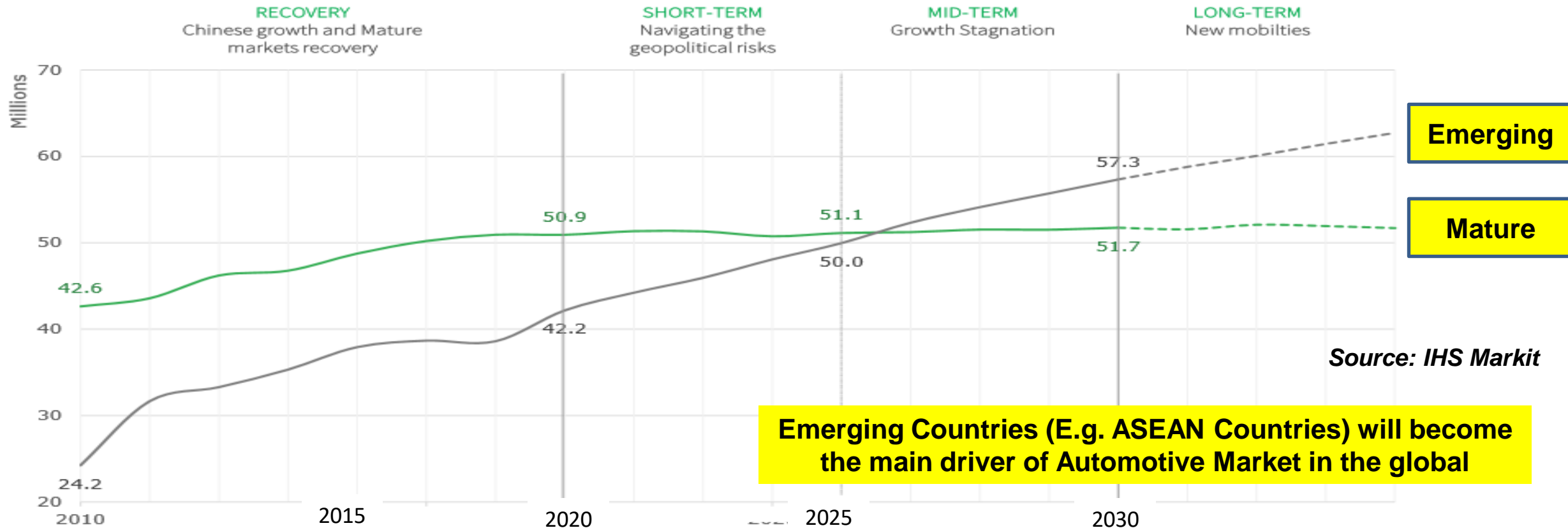
# Opening Speech

*-Kontribusi Sektor Otomotif Dalam Upaya Penurunan Emisi CO2 di Indonesia-*

**Shodiq Wicaksono**  
**(CO-Chairman V GAIKINDO)**



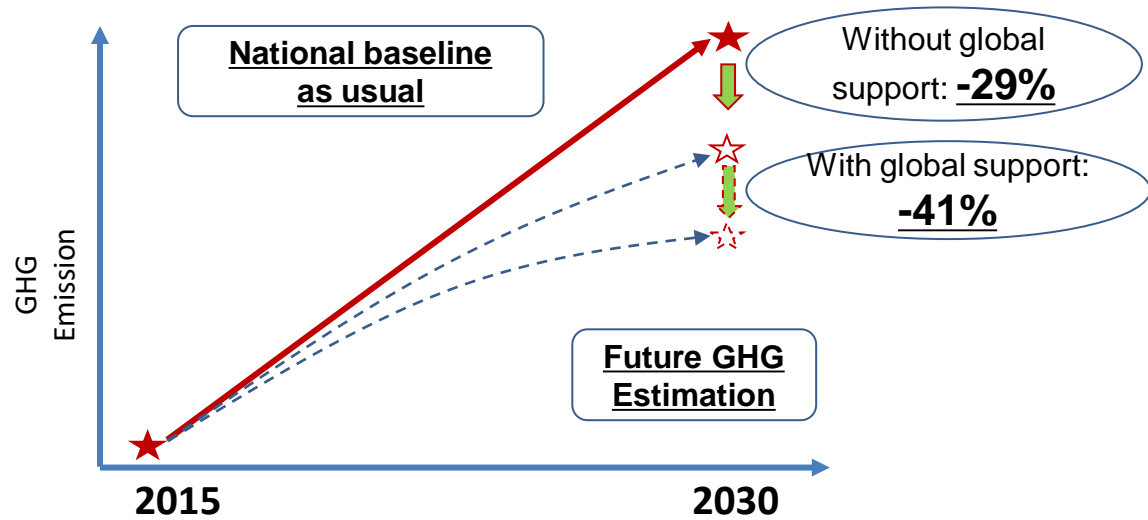
## ❖ Forecast Automotive (4-Wheeler) Market in the World



**Emerging Countries (E.g. ASEAN Countries) will become the main driver of Automotive Market in the global**

**Automotive Industry will remain growth, mainly is driven by emerging countries.  
 As an impact, there will be several new challenges need to be managed**

# BACKGROUND : POTENTIAL CHALLENGES AHEAD



Target Penurunan Emisi Per Sektor (Mton CO<sub>2</sub>e)

TARGET PENURUNAN EMISI INDONESIA	KEHUTANAN	ENERGI & TRANSPORTASI	LIMBAH	PERTANIAN	IPPU
29%	497	314	11	9	2.75
41%	692	441	26	4	3.25

Sumber: Updated NDC (2021)



## 【Summary of ID Commitment – COP 21 & COP 26】

### COP 21

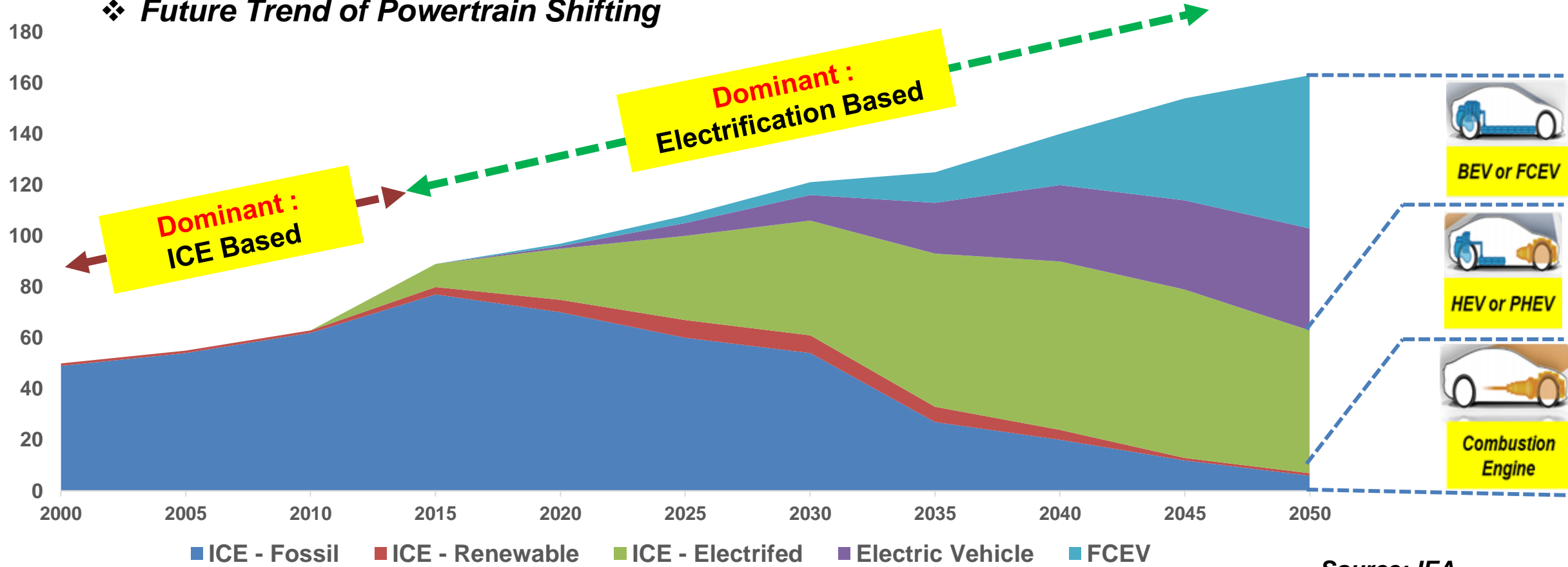
- Indonesia submitted the commitment at COP21 to reduce **29% CO<sub>2</sub> emission w/o international support, and reduce 41% CO<sub>2</sub> emission with international support until 2030**

### COP 26

- Indonesia committed to achieve **Net Zero Emission (NZE) in 2060 or even earlier. This commitment being proposed in order to support global achievement to keep global temperature raise below 2° Celsius.**

President Joko Widodo committed to reduce 29% CO<sub>2</sub> in 2030 and achieve NZE in 2060  
To achieve this goal, **Transportation sector as one of the key sectors to reduce CO<sub>2</sub>.**

❖ *Future Trend of Powertrain Shifting*



Source: IEA

**As an impact of stringent regulation of Fuel Economy / CO<sub>2</sub>, Global powertrain is predicted will shift from ICE Based to Electrification Based in the future.**



“Let’s discuss **the most appropriate way** to sustain the growth of automotive industry as well as **manage its potential negative impact /challenges**”