

**2016/AD1/018** Agenda Item: 4.1.4

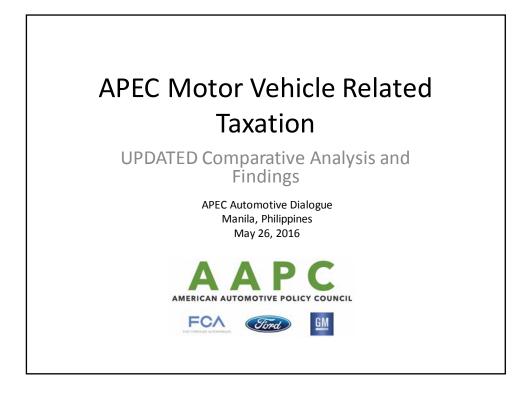
#### APEC Motor Vehicle Related Taxation - Updated Comparative Analysis and Findings

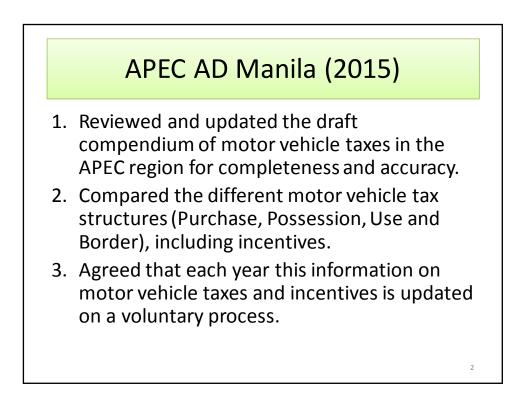
Purpose: Information Submitted by: United States



24<sup>th</sup> Automotive Dialogue Manila, Philippines 25-27 May 2016

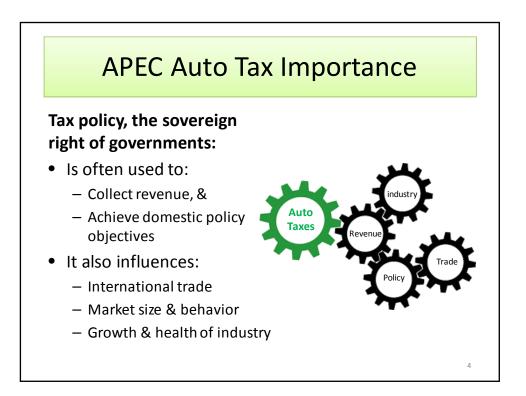
APEC PERU 2016

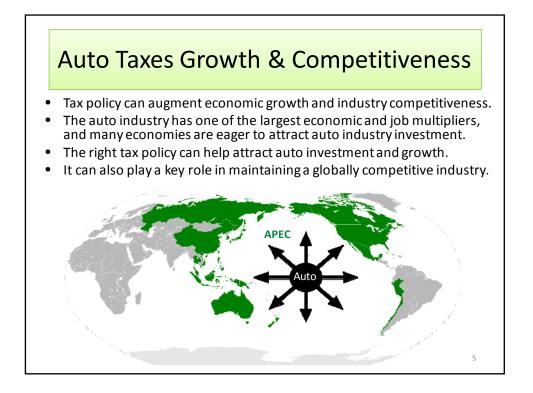


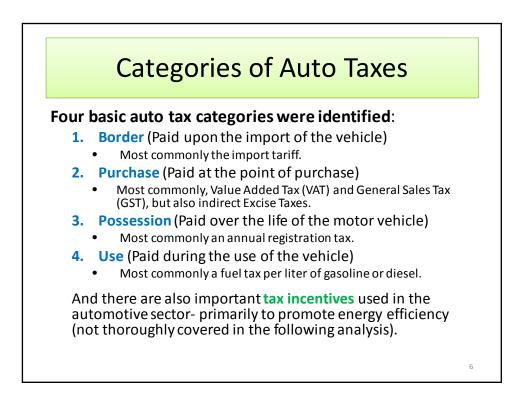


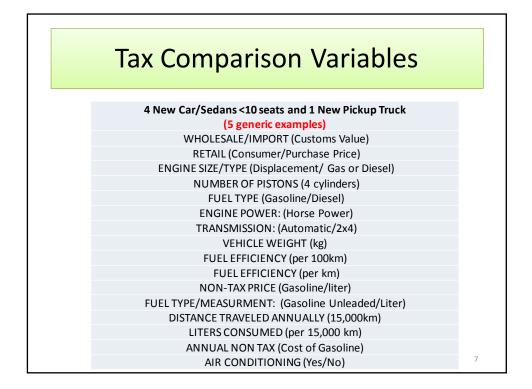
#### **APEC Auto Tax Information**

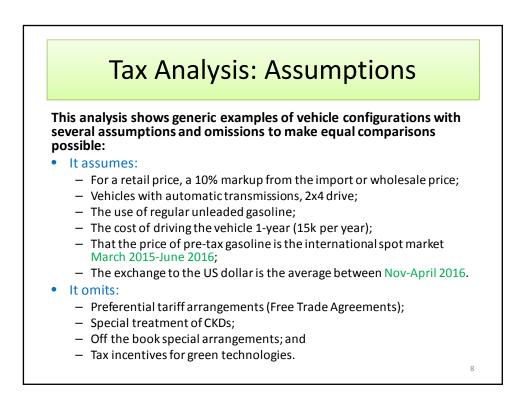
- With the <u>help of many economies</u> present here, and with publicly available information, we collected detailed auto tax data on 20 APEC economies + India
- We expect that most information we have collected is <u>accurate and current</u>, but that it will need to be periodically updated.
- We are confident that the overall <u>results that</u> <u>follow are accurate</u>.

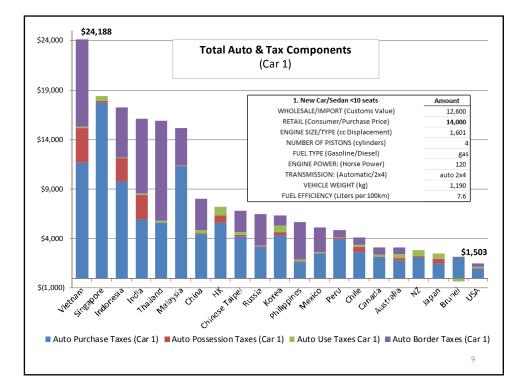


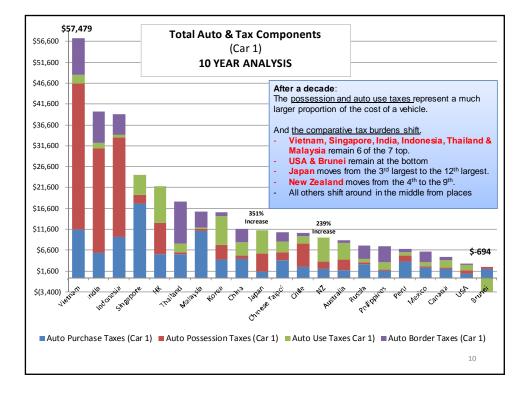


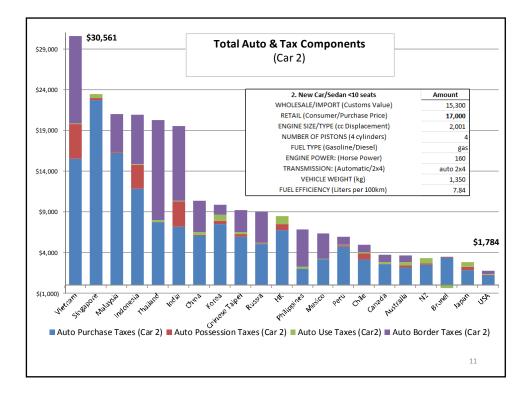


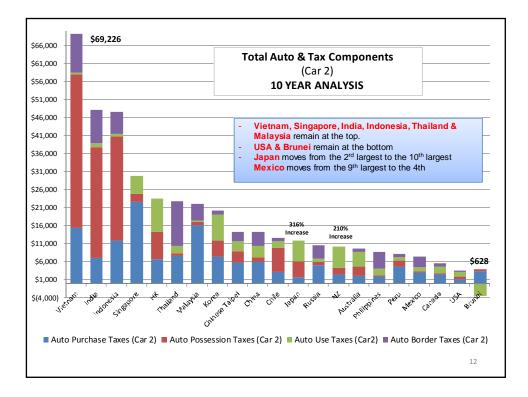


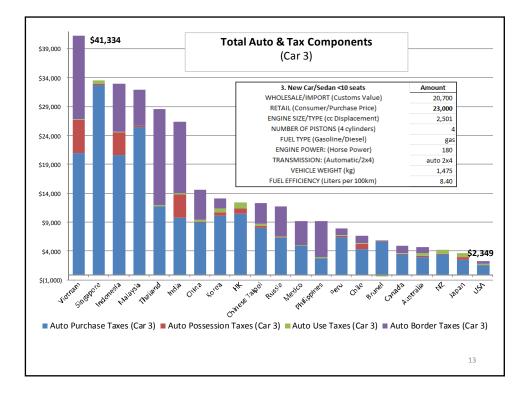


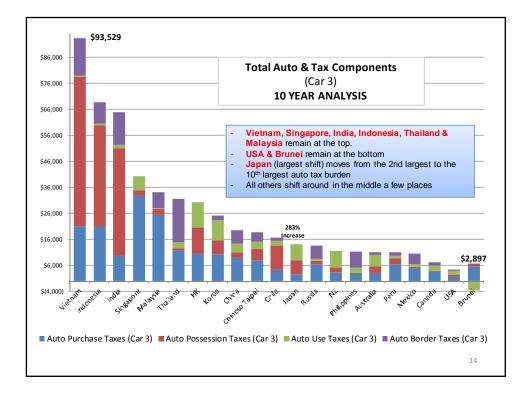


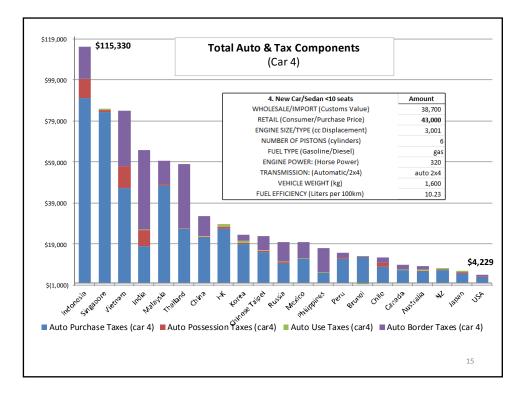


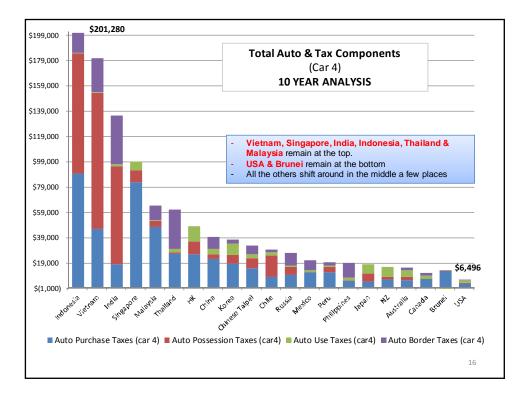


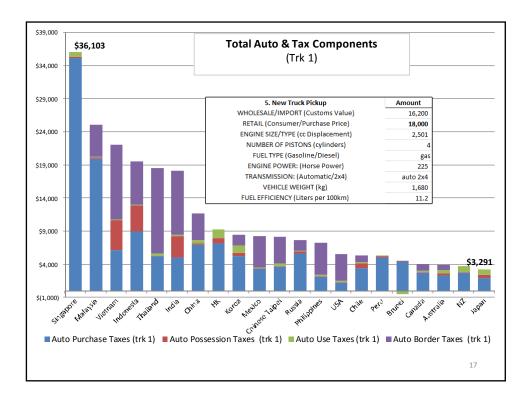


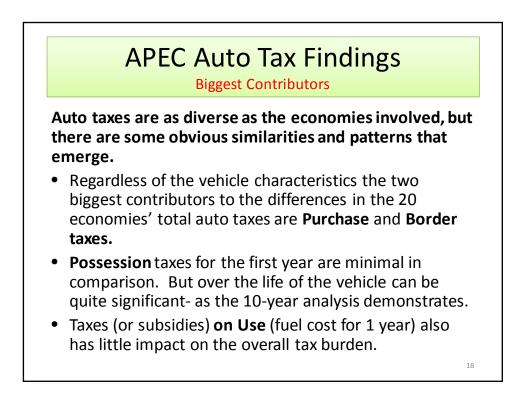












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## APEC Auto Tax Findings

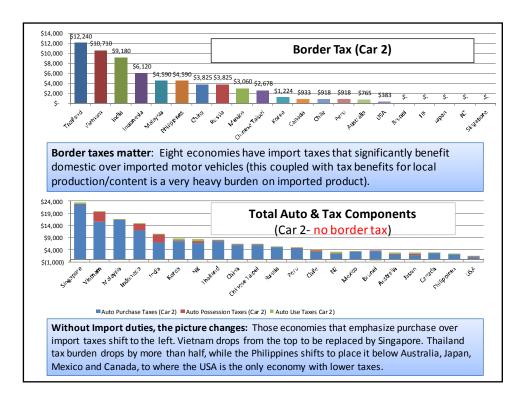
Domestic vs. Import

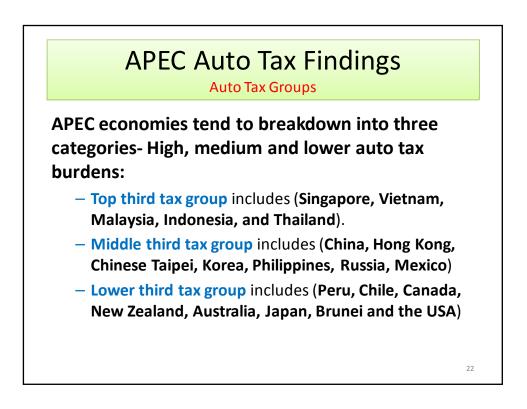
Border taxes, which vary widely- from 0% to 80% within the APEC region (India is 100% for Car 4), represent the biggest difference between import and domestic prices.

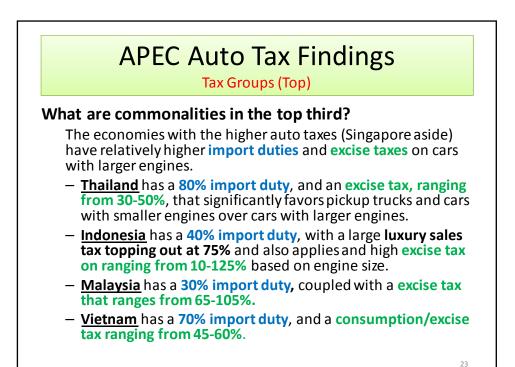
- Of the 21 economies analyzed:
  - 5 have 0% import duties on Passenger Cars (Brunei, Hong Kong, NZ, Japan and Singapore).
  - 8 have import duties ranging from 2.5-20% (Australia, Canada, Chile, Chinese Taipei, Korea, Mexico, Peru, and the USA).
  - 8 have import duties between 25%-100% on passenger cars (China, Indonesia, Malaysia, Philippines, Thailand, Russia, Vietnam, and India).

In some economies, there are significant tax benefits (rebates and/or reductions) provided to domestic manufacturers, or for local content.

**APEC Auto Tax Findings 10-Year Analysis** After a decade: The possession and auto use taxes represent a much larger proportion of the cost of a vehicle. And the comparative tax burdens of shift among economies. On average there is a 70-90% increase in the total tax burden, however, some are much larger. Japan's tax burden increases the most - more than 3x over a decade. Under the Car 1 scenario, Japan moves from the 2<sup>rd</sup> largest to the 10<sup>th</sup> largest burden. Vietnam, Singapore, India, Indonesia, Thailand & Malaysia start at the top and remain at the top. USA & Brunei start at the bottom and remain at the bottom The other economies shift a few (1-4) places. 20







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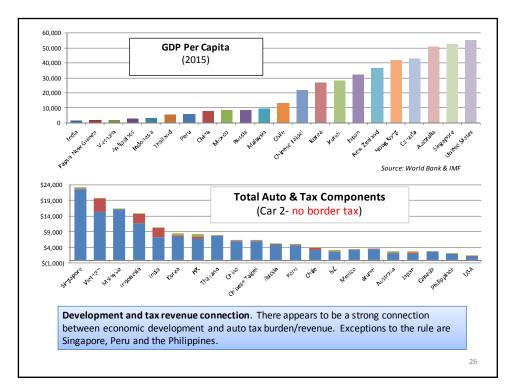
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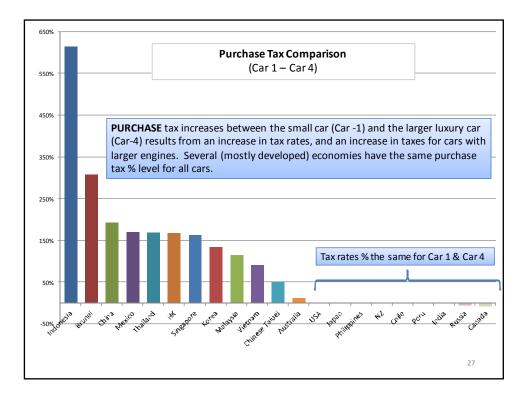


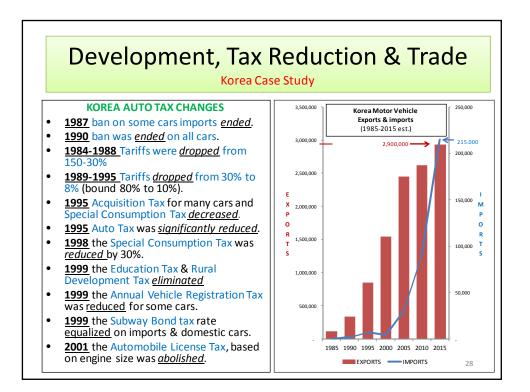
**Development & Revenue** 

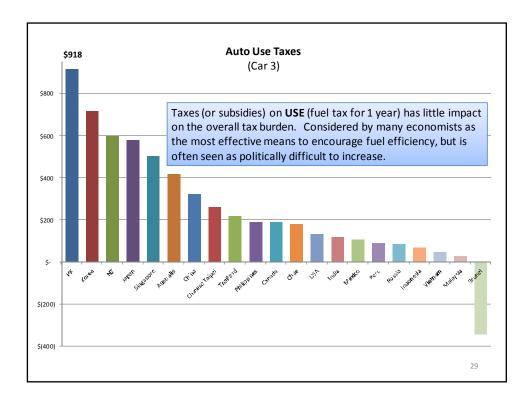
# Auto tax burden/revenue levels vary considerably across APEC economies

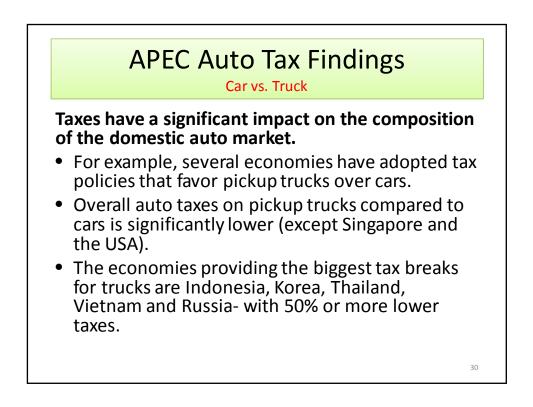
- Revenue sources tend to reflect different stages of economic development.
- Developing economies tend to source auto tax revenue from higher border taxes and purchase taxes compared to developed economies.
- In contrast, **use taxes** (fuel taxes) appear to have no relationship to level of development.

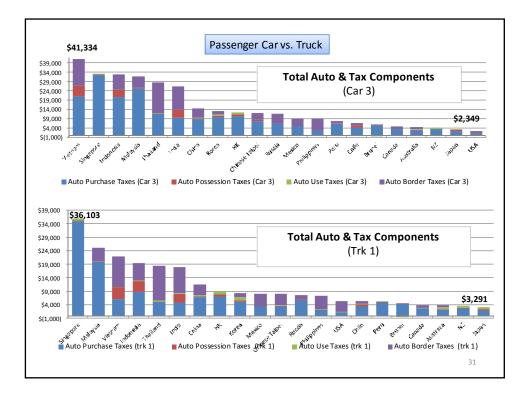


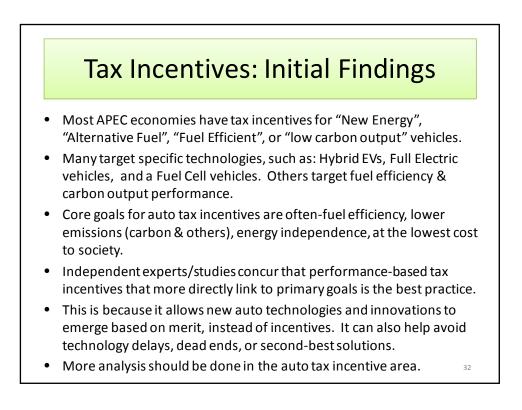












## Conclusions

- Regardless of the vehicle characteristics the two biggest contributors to the differences in total taxes are Purchase and Border taxes.
- Three auto tax burden categories emerge often reflecting level of development (GDP/Capita, and auto tax revenue needs).
- Taxes have a powerful influence on market configurations (Carvs. truck- with trucks incentivized over cars).
- As economies move up the development curve, they recalibrate the auto tax burden and structure helping, not hindering, auto industry competitiveness.
- Most APEC economies have tax incentives, with many targeting specific technologies and some based of performance. Performance-based tax incentives, more directly reflecting economies' core goals, should be considered.
- After 10-years, the possession and auto use taxes represent a much larger proportion of the cost of a vehicle, and the comparative tax burdens of shift among economies. This is most evident in Japan.

