

Is the European Electricity Sector Ready for Electric Vehicles?

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Chaire Armand Peugeot

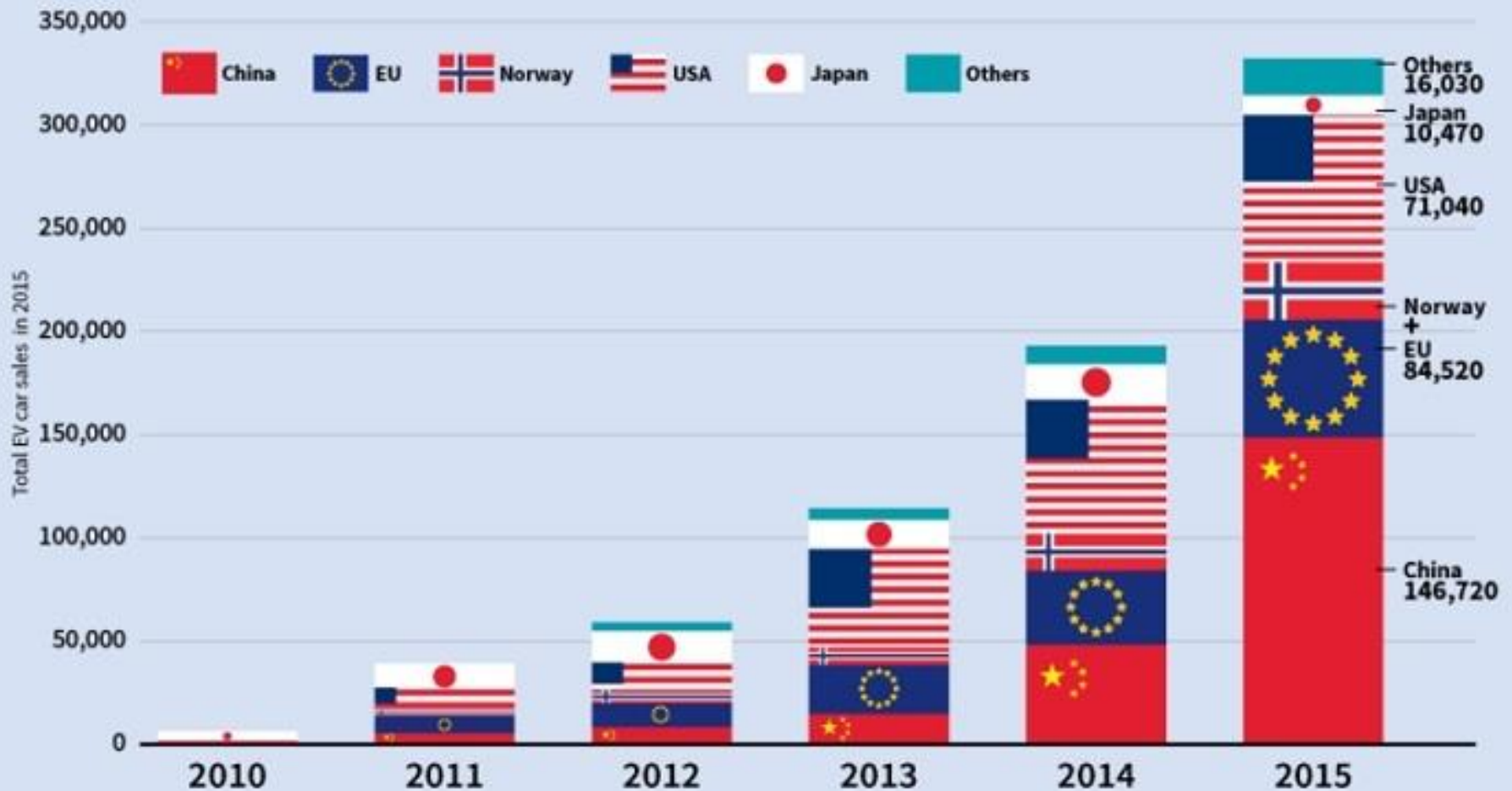
Not really

- Because it is not yet a big problem...
- Because the sector has other priorities...Like renewable or Capacity mechanism, or nuclear...
- Because it is a Grid related activities with difficult to change rules and regulations...
- And because the problem comes with storage... from consumers... Or new actors...

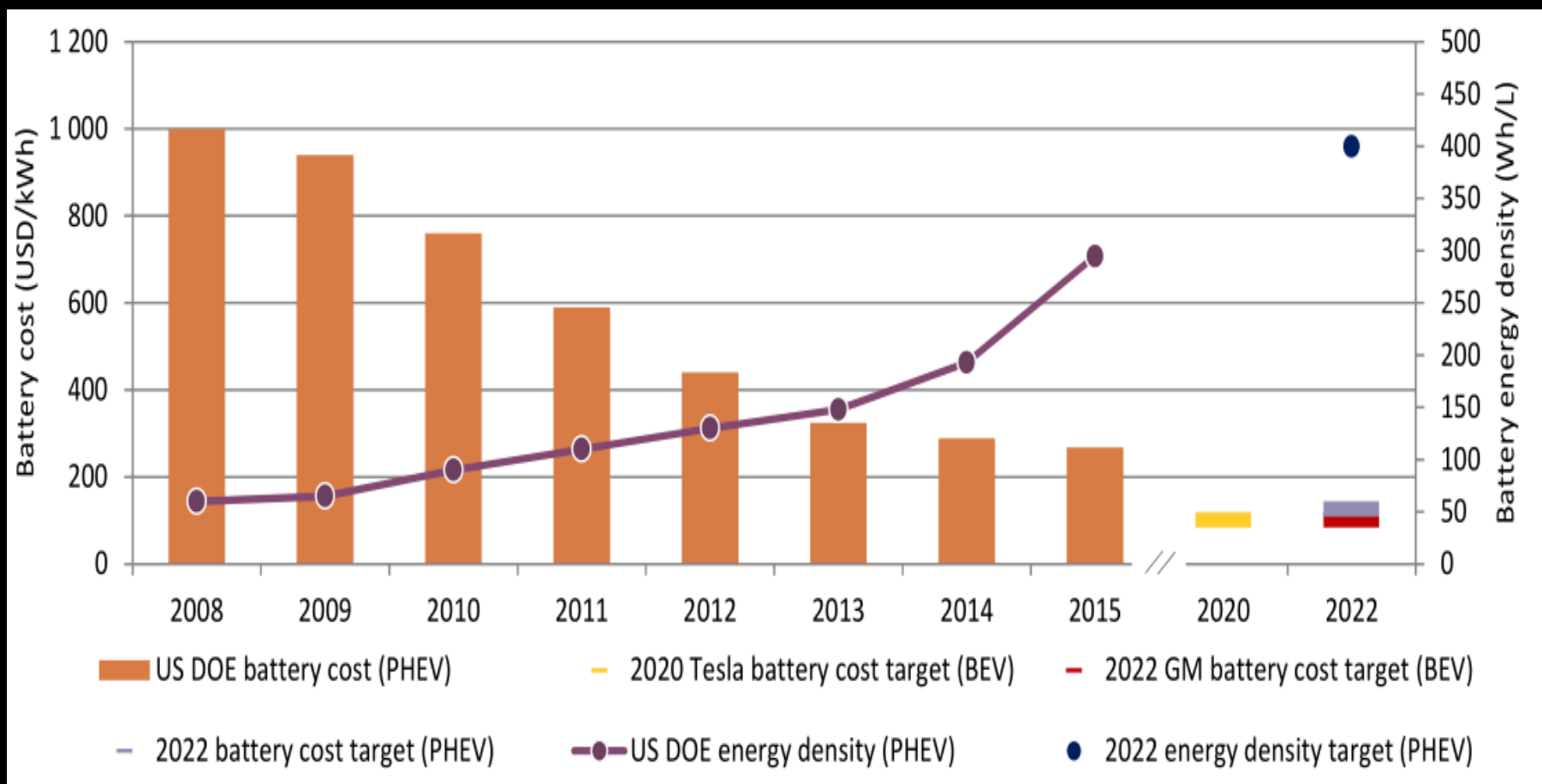
Some stylized facts

1. It is a reality

Europe: world's 2nd largest EV market



2. Evs enjoy a Double dynamic: Increase in ENERGY DENSITY & decrease of COST



Source: IEA Global EV Outlook 2016

3. And the window of opportunity is open ...

Europe poised for electric car boom as sales surge towards half a million

Europe will have more than 500,000 electric vehicles (EVs) on its roads by the end of 2016 thanks to technology advancements, a rapid

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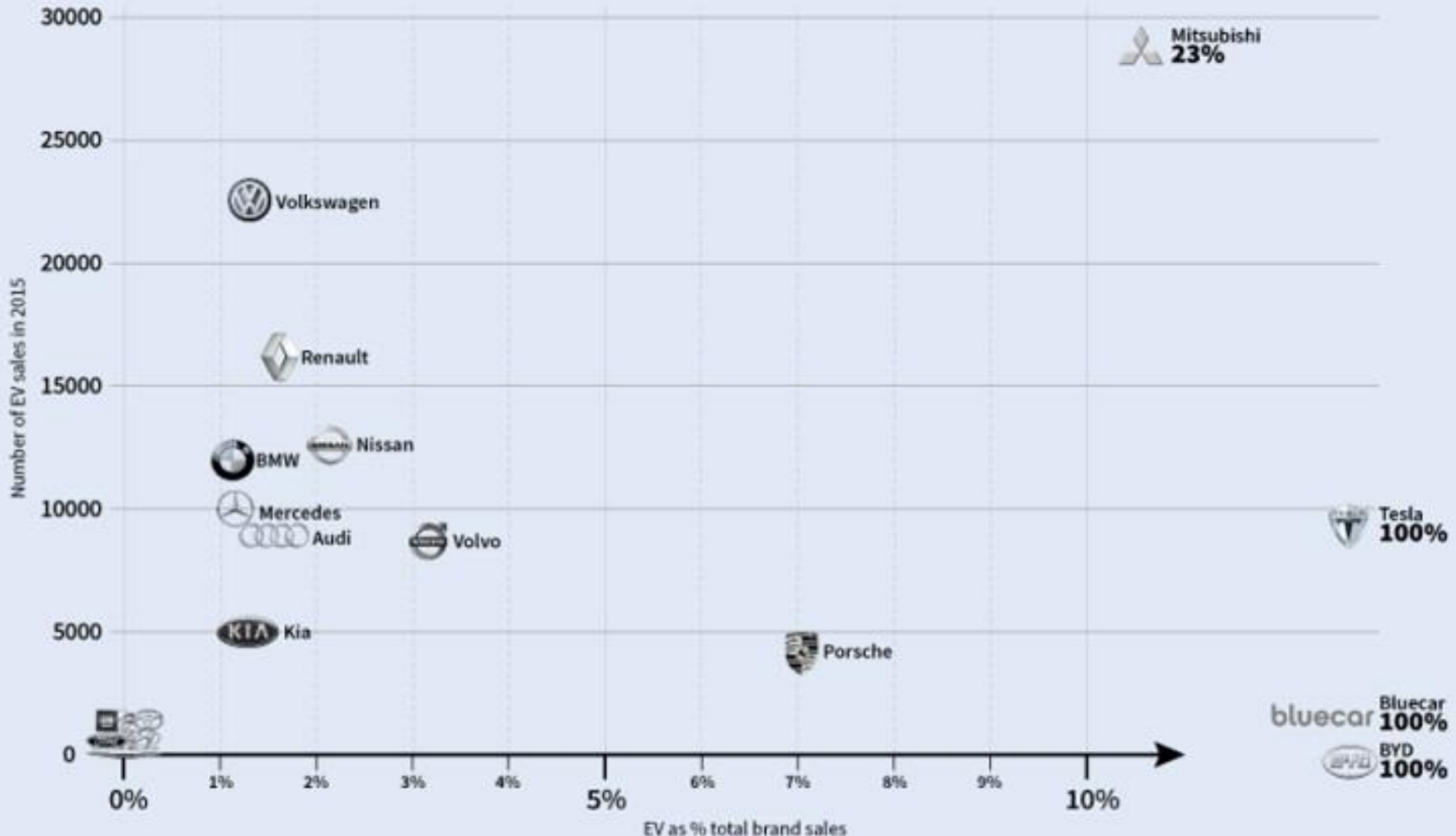
How 'Dieselgate' May Become a Tipping Point in the Global EV Race

10/11/2016 03:41 pm ET

NO TITLES IN THE FUTURE.
PETER DOCKRILL 13 APR 2016

4. Evs are also an issue for car manufacturers

Electric vehicle manufacturers in Europe in 2015



A lot of opportunities are open to
define a smart cooperative future