

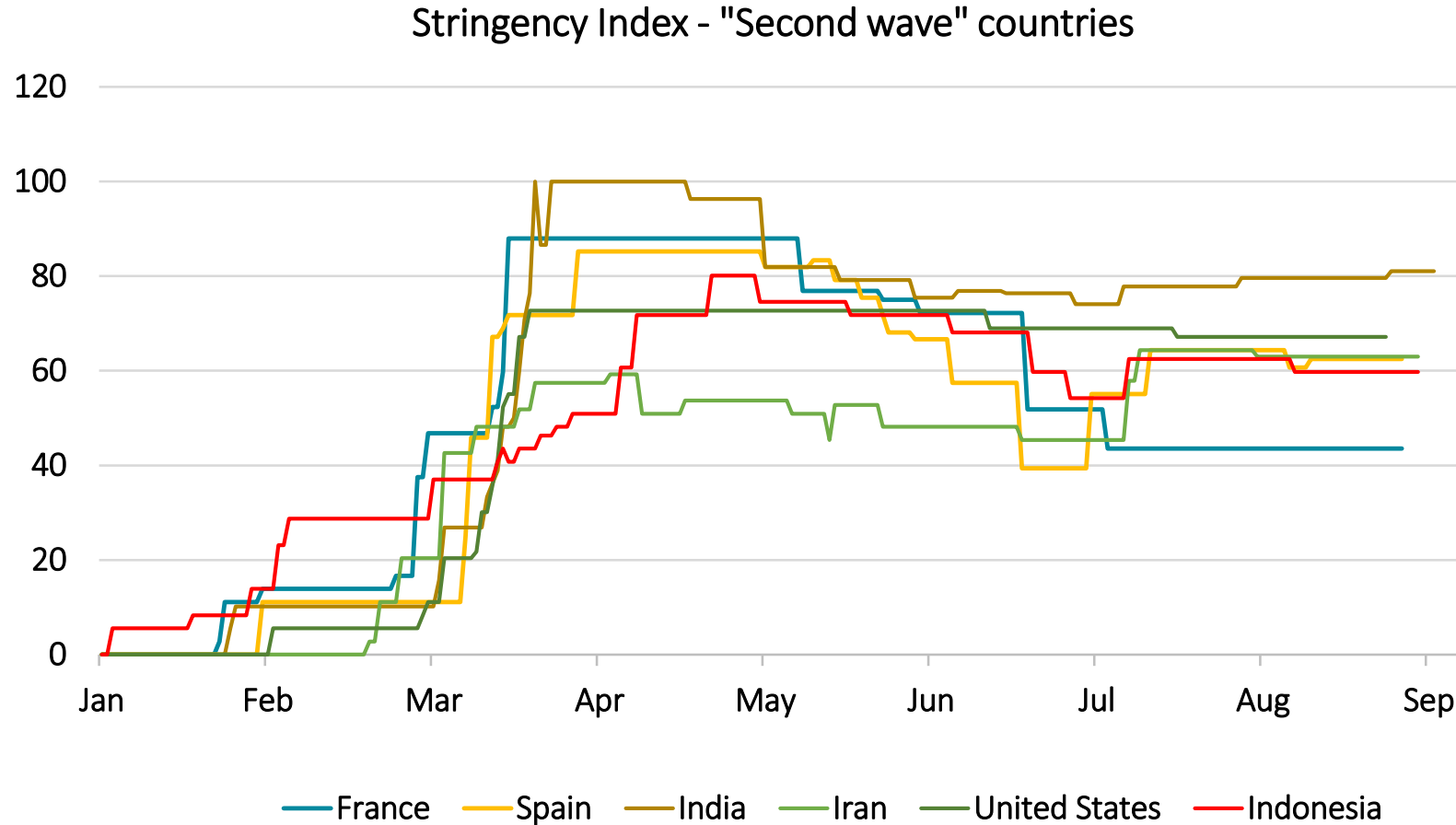


Behaviour Change in Transport and its Energy and Climate Implications

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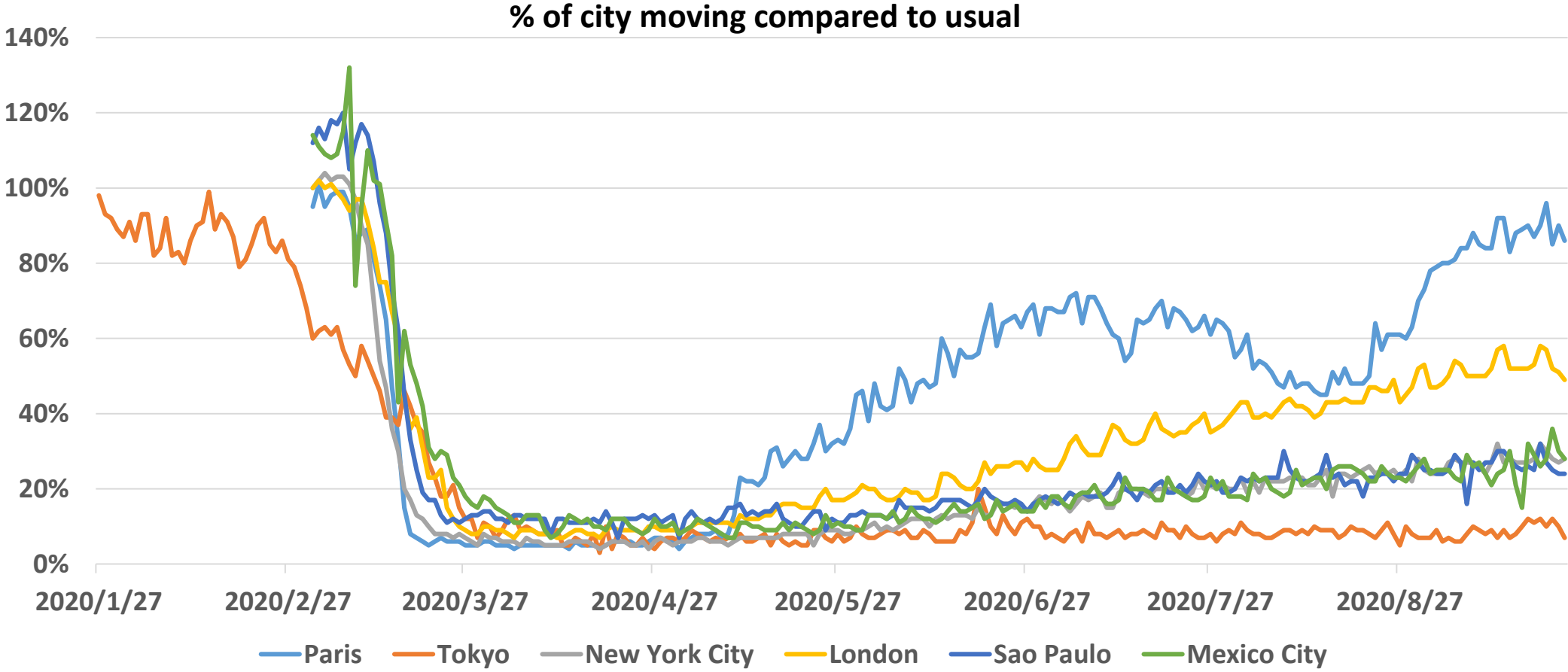
Containment measures and a sign of second wave of the virus



Source: Oxford Blavatnik School of Government

Stringency of containment measures is increasing again in several countries and cities.

Urban mobility across cities

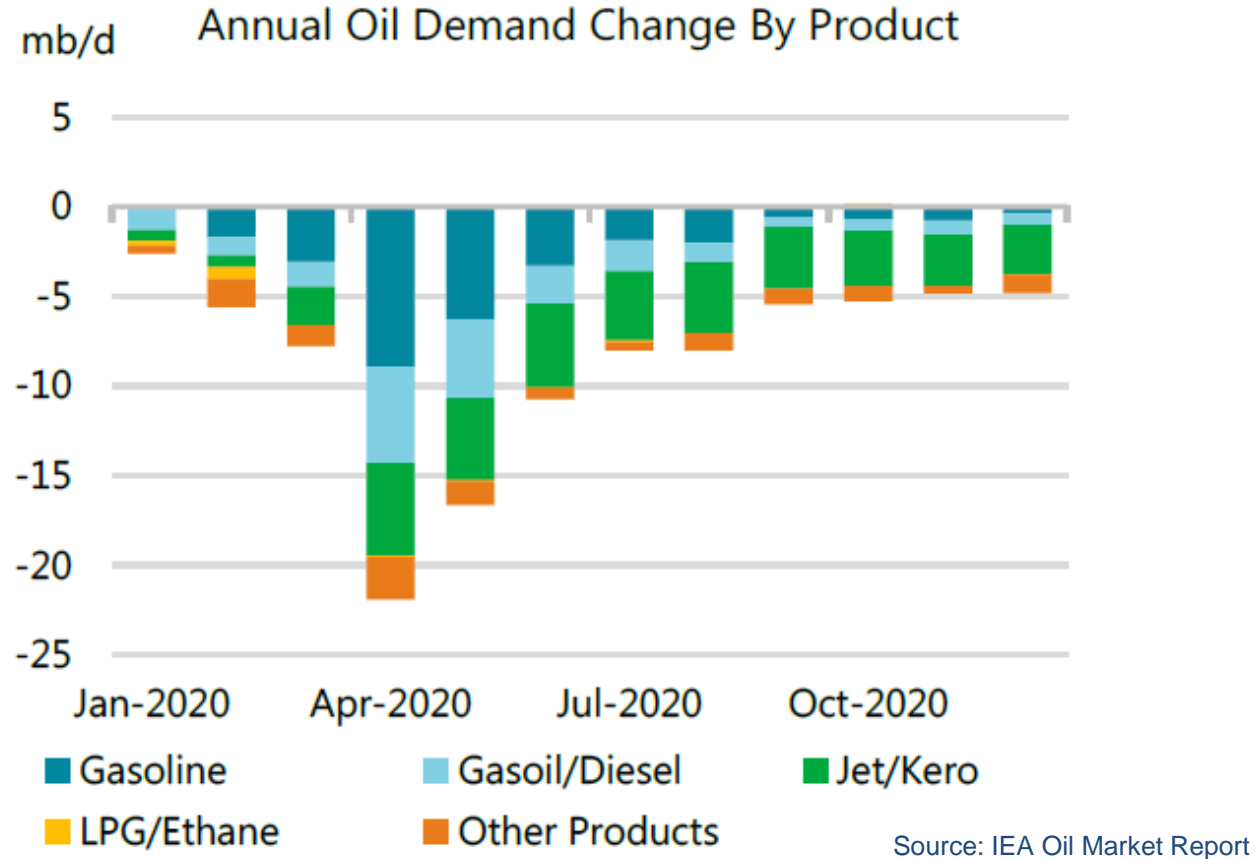


Source: Citymapper Mobility Index

Significant difference in terms of the recovery of urban mobility across cities.

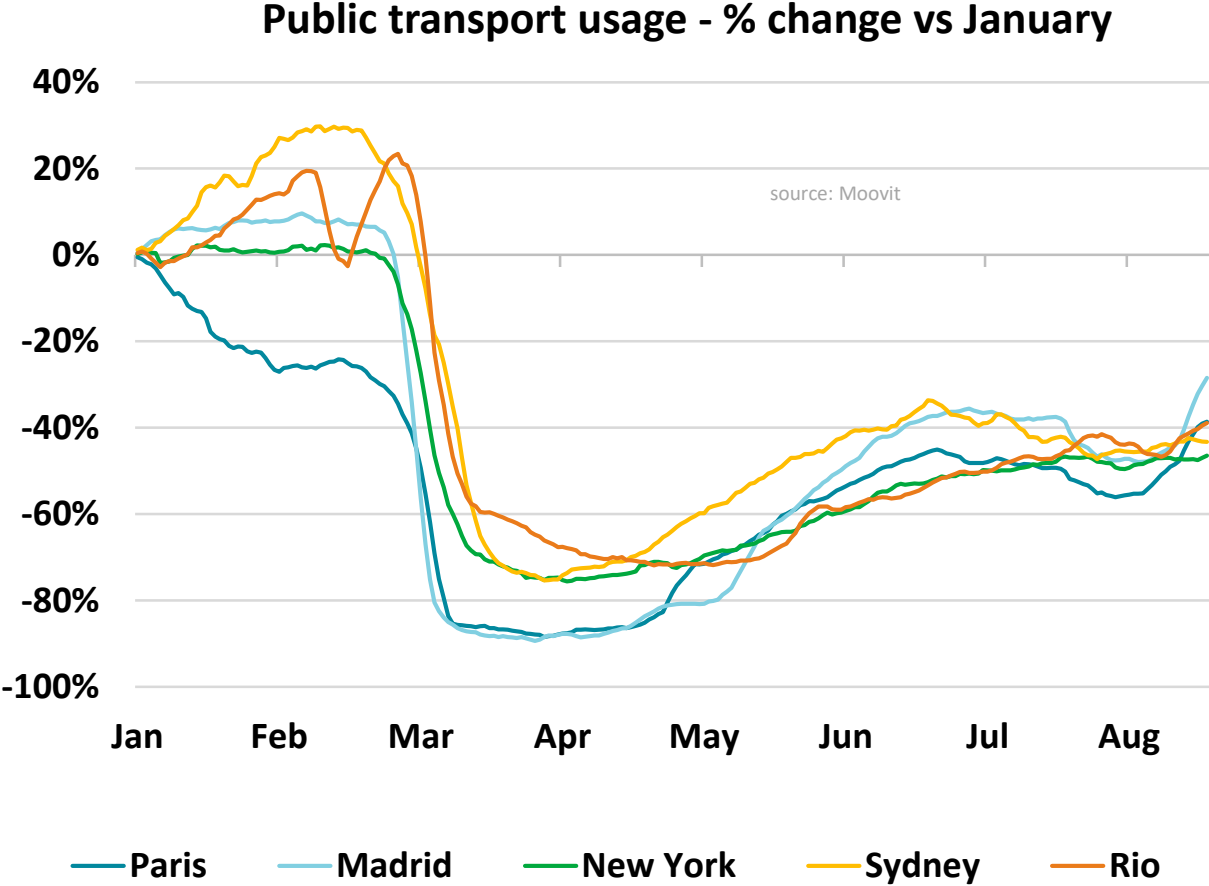


Covid 19 impact on global oil demand



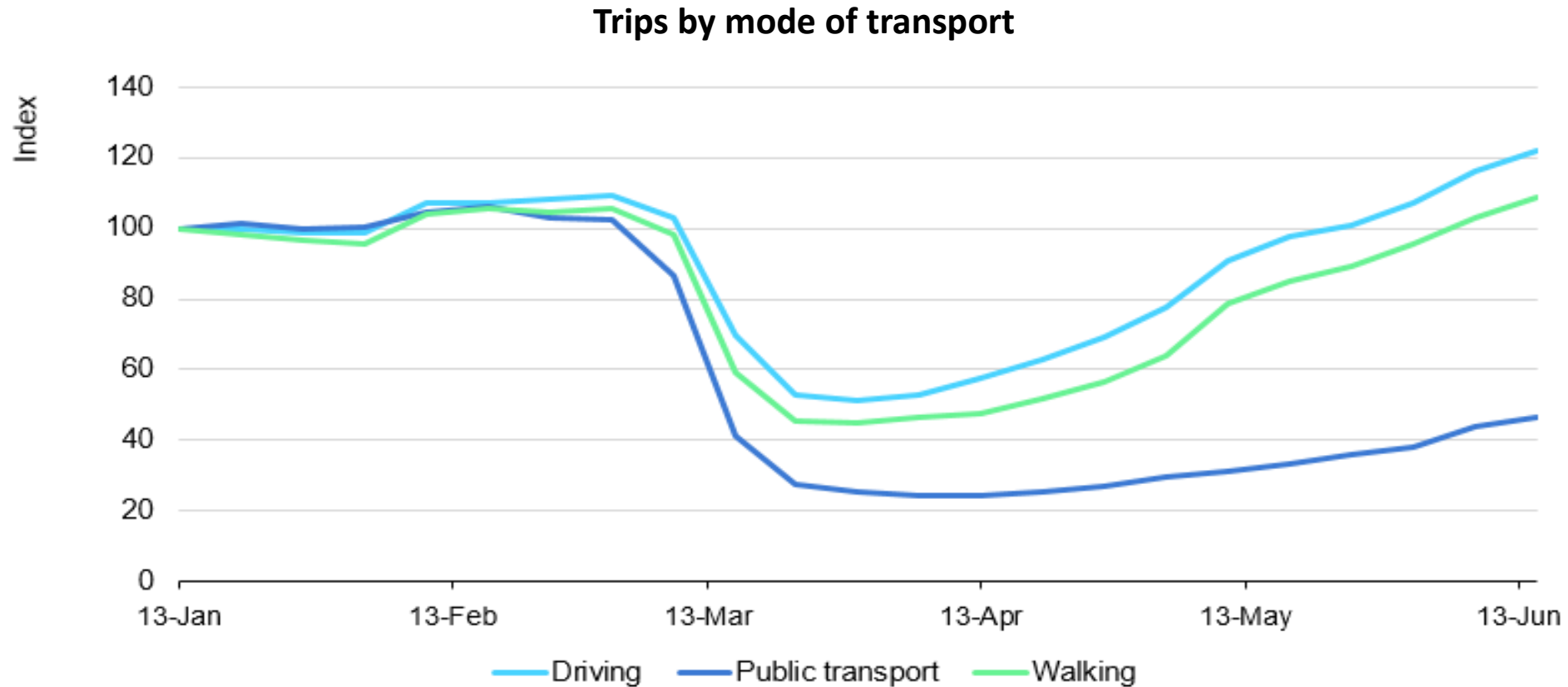
Global oil consumption remains around 10.7 mb/d below 2019 levels in June. Some recovery in May and June, but it's expected to decelerate later this year.

Public transport demand remains low



Public transport usage remains down around 25 – 50% from January levels.

Changes in people's preference on transport modes

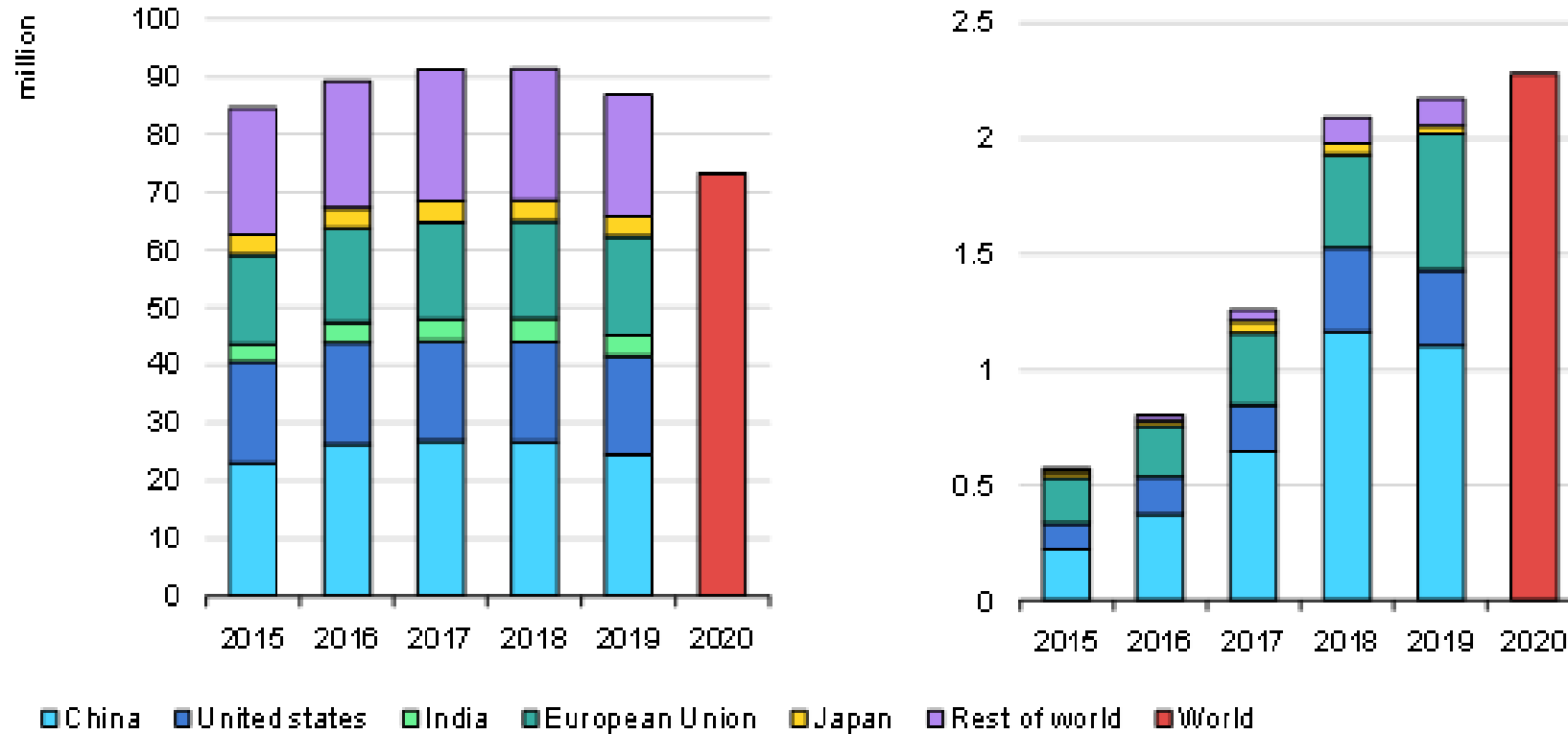


Note: Baseline is average over the working week beginning 13 January
Source: Apple, 2020, Mobility Trends Reports

A shift away from public transport to private transport modes (e.g. car, walking, cycling) particularly in urban areas.

Lower Global Car Sales, but EV Sales Growing Worldwide

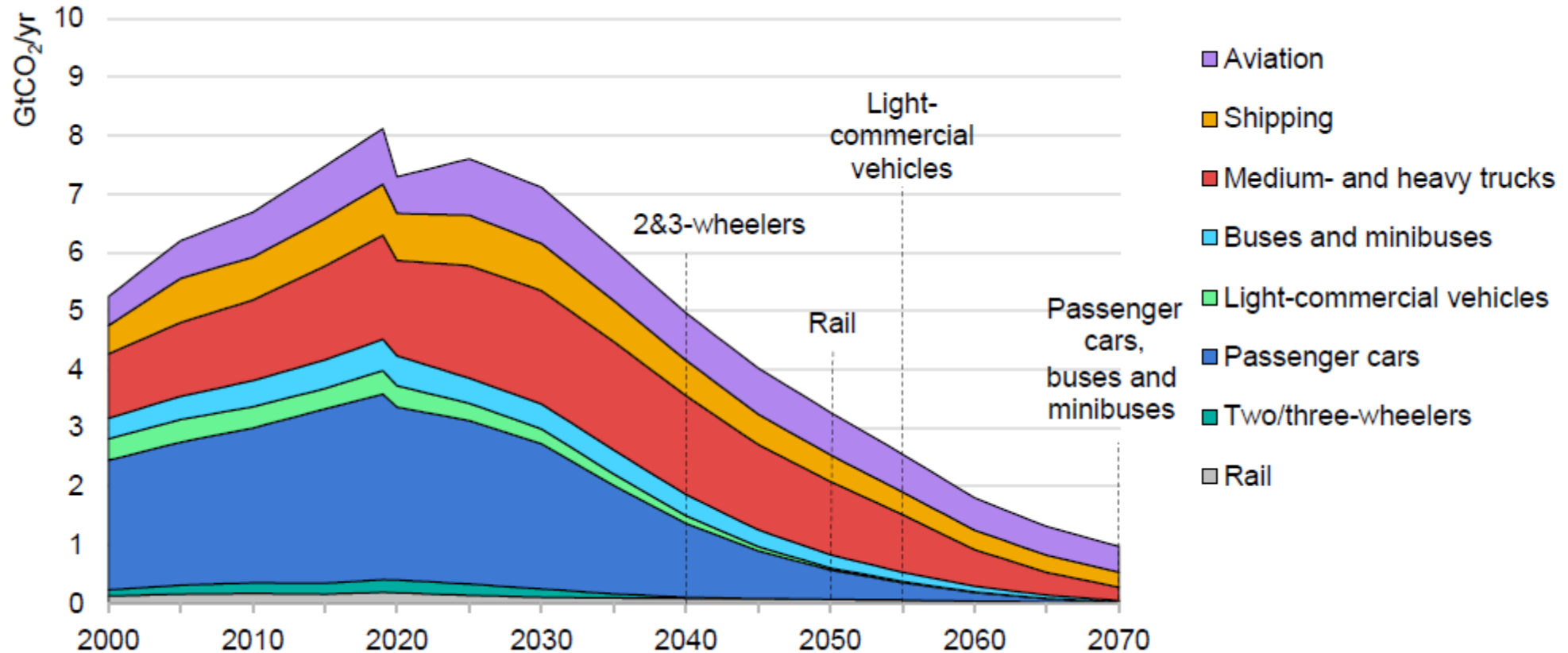
Global car sales (left) and electric car sales (right) by key markets, 2015-2020



Global car sales are projected to be 16% lower in 2020, but EV sales are growing.

Implications on Global CO₂ emissions

Global CO₂ emissions in transport by mode in IEA's Sustainable Development Scenario. 2000-70

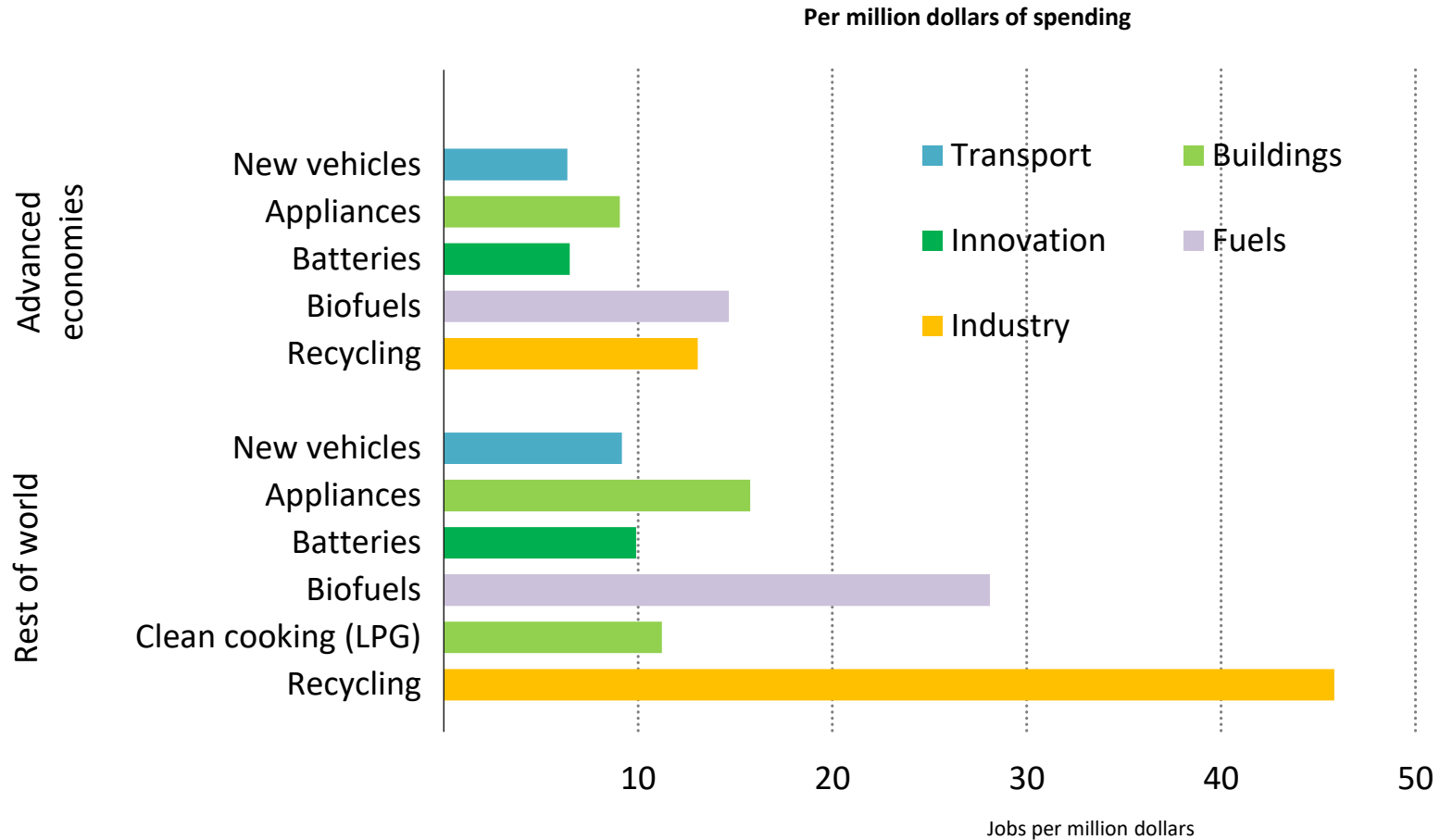


Most modes of transport are decarbonized by 2070.

Global CO₂ emissions will fall in 2020, but it will be temporary without strong policy.

Job creation opportunities

Jobs created per million dollars of capital investment and spending by measure



Investment in transport creates opportunities for job creation.

- Tracking trends and energy implications
- Setting out sustainable recovery plan opportunities
- Learning lessons from previous crises
- Analysing specific policy options, e.g. vehicle scrappage
- New work on behavioural insights and best practice in policy design for behaviour change

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