Product Classification

Urban Mobility
Zero tailpipe emissions led

Typically Low / Medium Power

New mobility vehicles for bus-rapid-transit

Community based transport

Buses with fixed city and urban routes

Long Range Mobility
Net-zero* emissions led

Typically Medium Power

Long distance coaches

Buses with flexible semi-urban and rural routes

*__Net-zero:__ Achieving a state in which the activities within the value chain of a company result in no net impact on the climate from greenhouse gas emissions. This can be achieved by balancing the impact of any remaining greenhouse gas emissions with an appropriate amount of carbon removals.

Roadmap 2020

Bus and Coach

Propulsion Technologies Roadmap

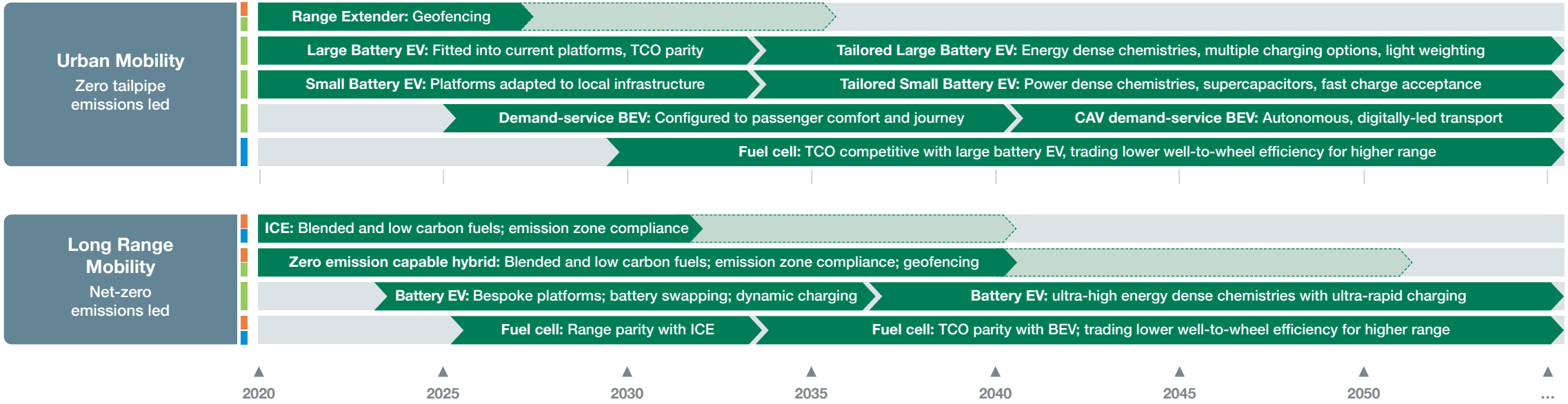
automotive council UK

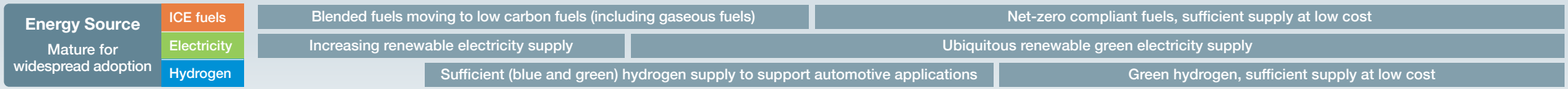
ADVANCED PROPULSION CENTRE UK

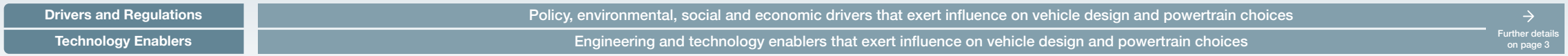
This roadmap represents a snapshot-in-time view of the global automotive industry propulsion technology forecast for mass market adoption. Specific application-tailored technologies will vary from region to region.

Solid colour bar: *Technology adoption for mass-market applications*

Dotted line bar: *Technology exists in international markets, but less prevalent in Europe*



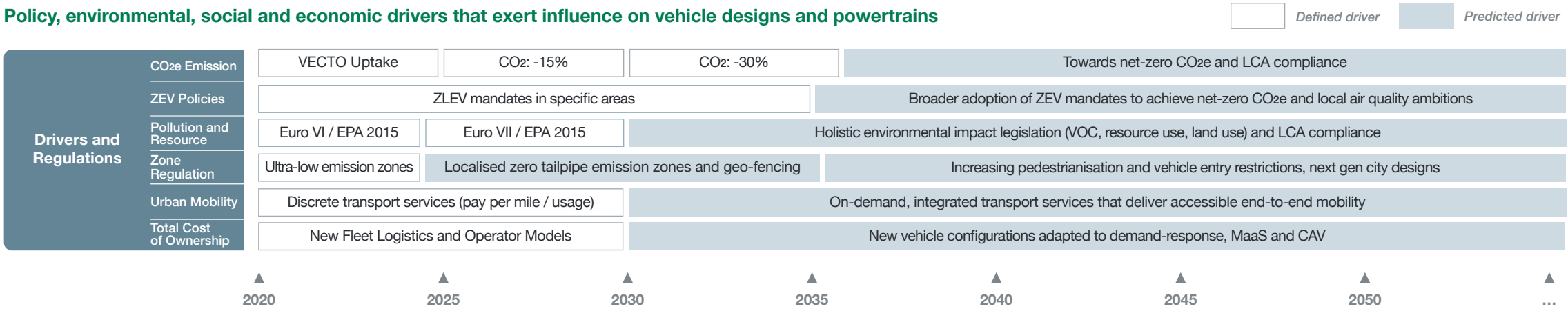




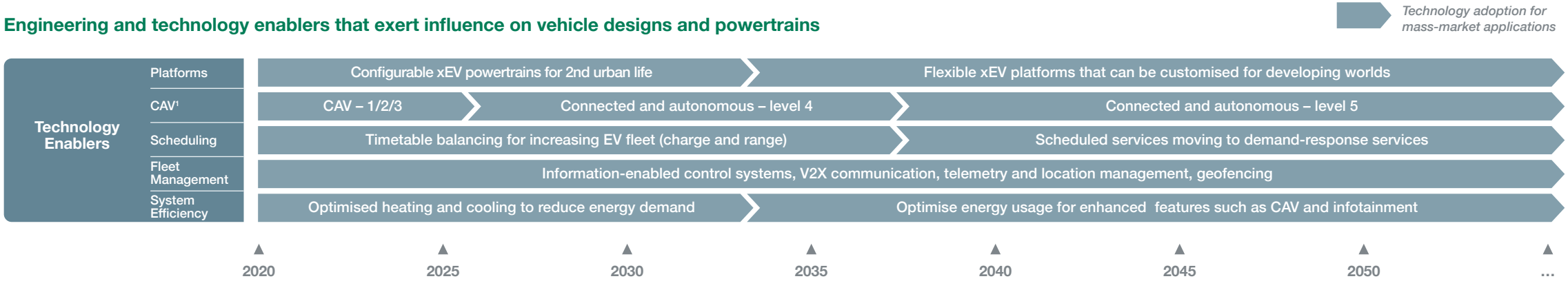
→ Further details on page 3

Hybrids = Mild, HEV, PHEV and range extender

Policy, environmental, social and economic drivers that exert influence on vehicle designs and powertrains



Engineering and technology enablers that exert influence on vehicle designs and powertrains



1. Adoption is dependent on supporting roadside infrastructure (incl. V2X, digital networks, data protocols, interconnects). See further details on https://zenzic.io/roadmap/