



BVG

Electric buses by BVG

Current status

Berliner Verkehrsbetriebe (BVG) | Vorstandsstab Neue Mobilität

4. Mai 2021



BVG follows a path into a locally emission-free public transport system

... deploying different technologies

Global climate protection

Local air pollution control

Goal 2030 : locally emission-free bus fleet

A variety of alternative drive technologies for different use cases



Depot charging



Opportunity charging



Battery trolley hybrid

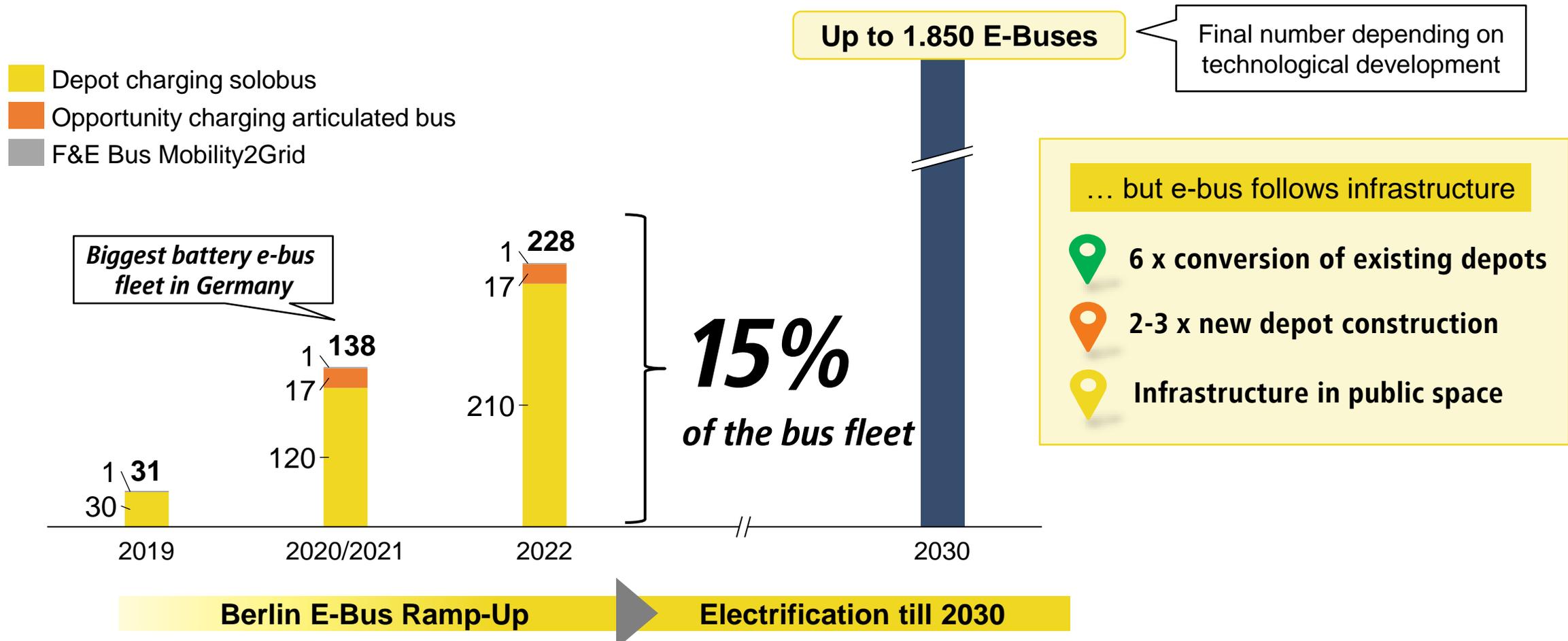


H₂-Fuelcells
(-Hybrid)
/ Range-Extender

For Berlin there is no „one-fits-all“ solution

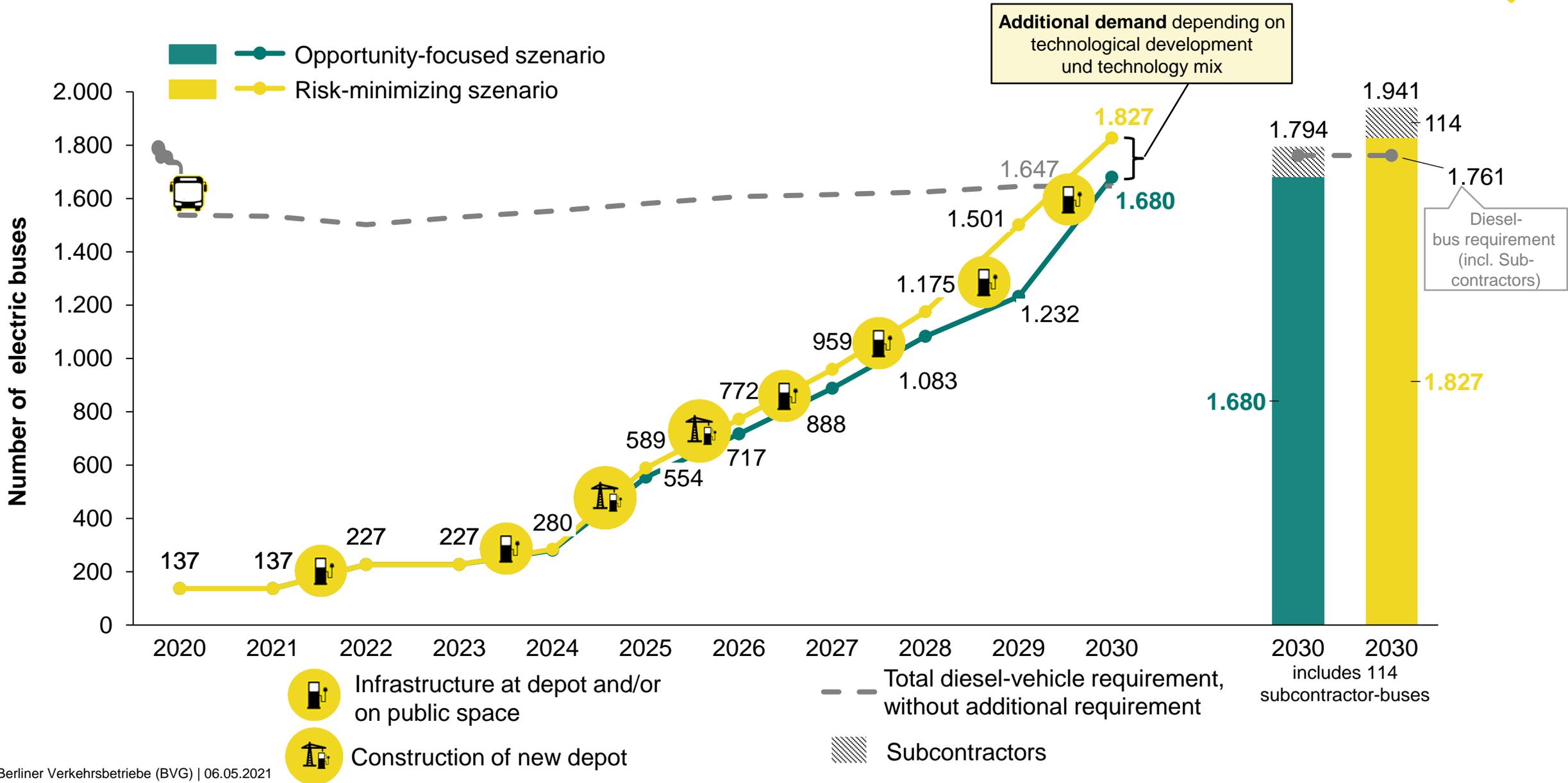
Our E-Bus Ramp-Up...

...a strategic foundation for Berlin's electrification till 2030





Since technological development is uncertain, BVG plans a corridor of approx. 1.700 and 1.850 electric buses in two scenarios for fleet development until completed electrification till 2030



It won't be boring until 2030...

The bus fleet electrification is challenging

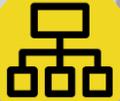
Challenges till 2030



Batterie range and choosing the right technology



Electrification of big vehicles



Programm structure and Change management



Operations complexity
Digitalization and IT-Systems



Infrastructure:
Depots and charging hubs
in public space



Financing & Funding



Power supply and smart charging



Increasing of public
Transportation demand

