



Volvo Bus Electromobility Electric Hybrid vs Full Electric

Jessica Sandström, Senior Vice President City Mobility

Electrified buses: A complete product offer Volvo Brand example

Hybrid buses



Recuperate
brake energy

Electric hybrid buses



Recuperates brake
energy

Charge at the end
stops for 6 min

Range 7km fully
electric

Diesel engine back
up

Full electric buses



Recuperates brake
energy

Charge at the end
stops for 6 min

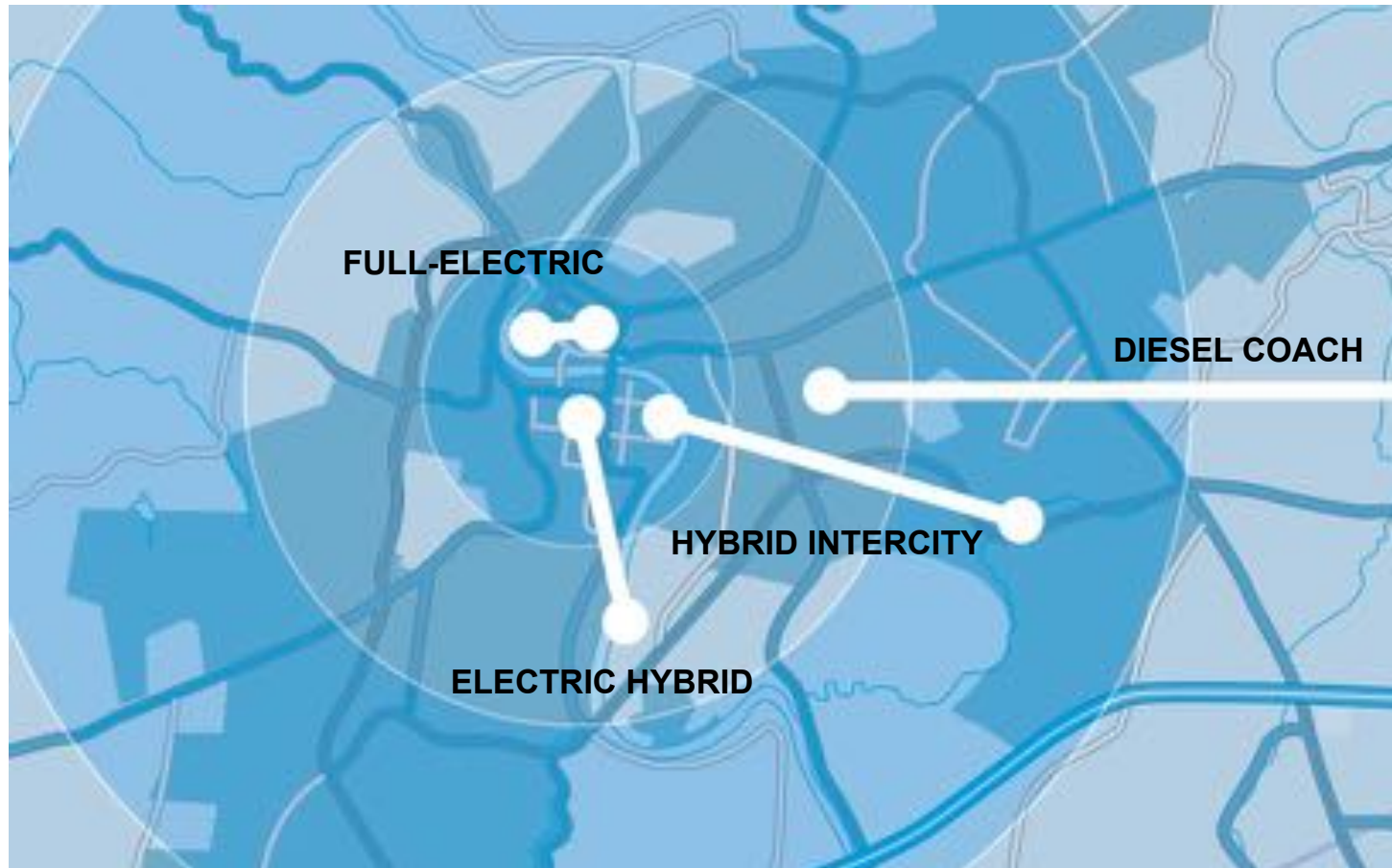
Range 20km

Present

2016

2017

Levels of electrification in the city: from full electric buses to hybrid solutions



Complete range



Hybrid

Full flexibility, quick implementation
Saves up to 39% energy and fuel



Electric Hybrid

Performance of an electric bus when you really need it with the flexibility and range of a hybrid
75% fuel reduction – 60% energy reduction



Electric

Charging stations required from day one
80% energy reduction





Volvo Buses

Department, Name, Document name, Security Class

5 Date

