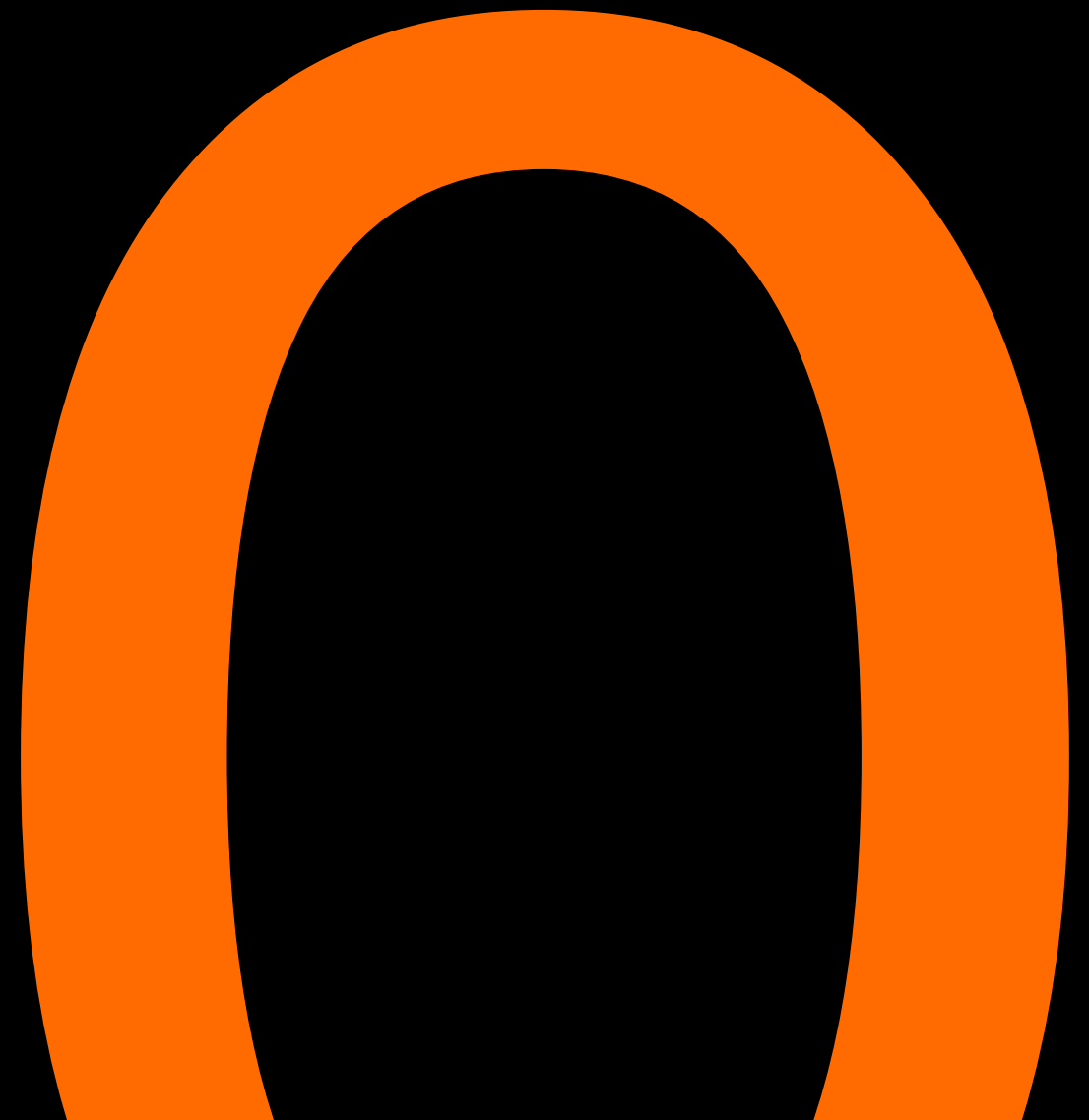


Polestar 0 Project

Mistra Carbon Exit programkonferens 2022 - Nynäshamn

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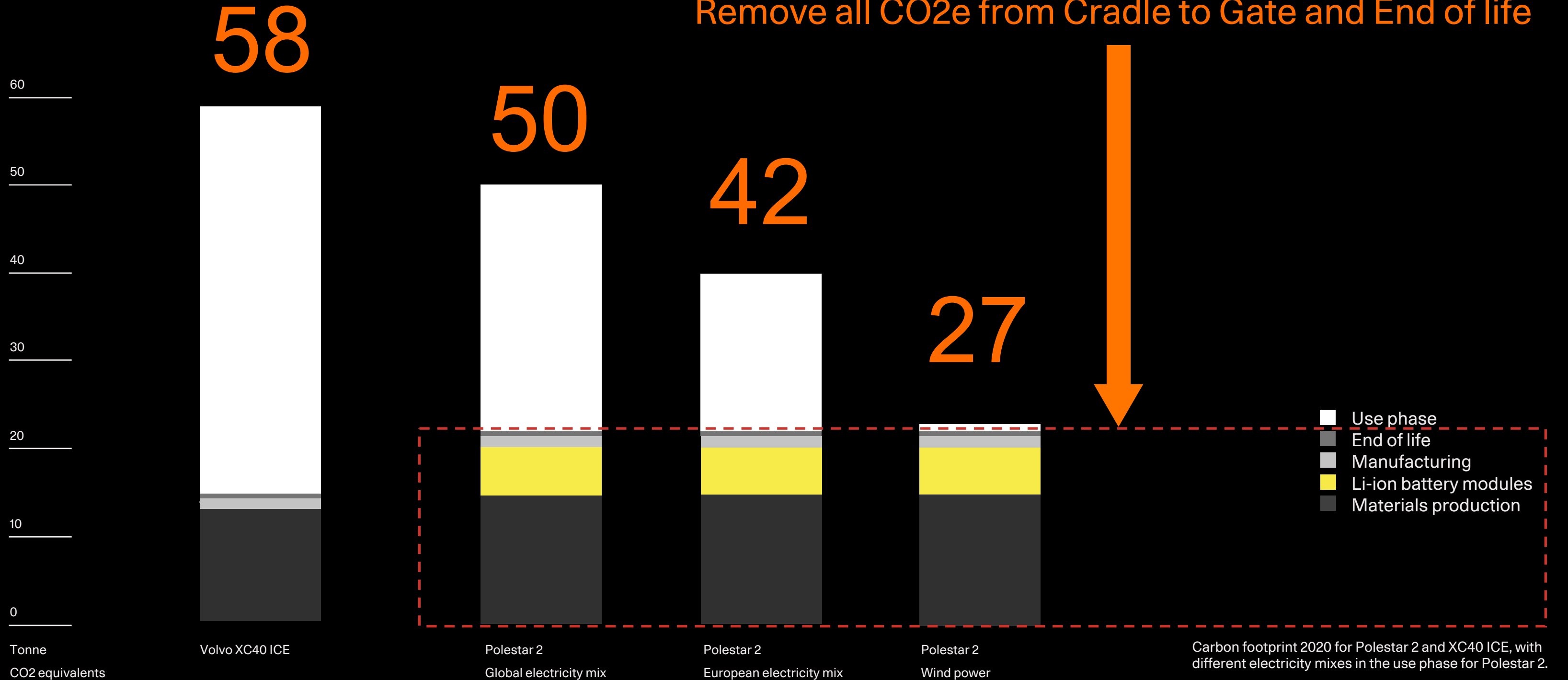
Tomas Holst
2022-06-01



Polestar 0 Project

Role of Project

Role of Polestar 0 Project:
Remove all CO2e from Cradle to Gate and End of life

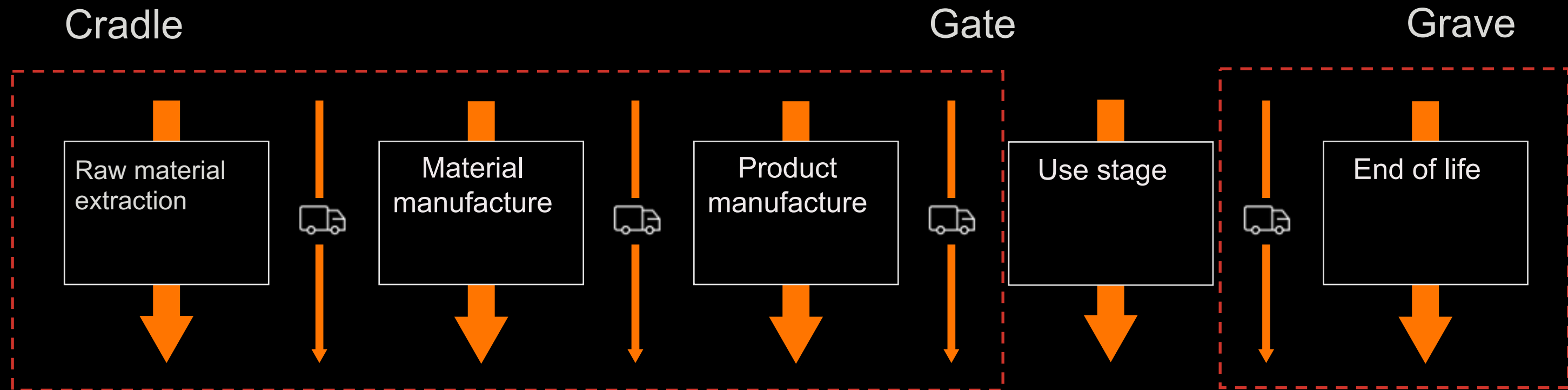


Carbon footprint 2020 for Polestar 2 and XC40 ICE, with different electricity mixes in the use phase for Polestar 2. Result are shown in tonne CO2 equivalents per functional unit (200,000km lifetime range).

Polestar 0 Project

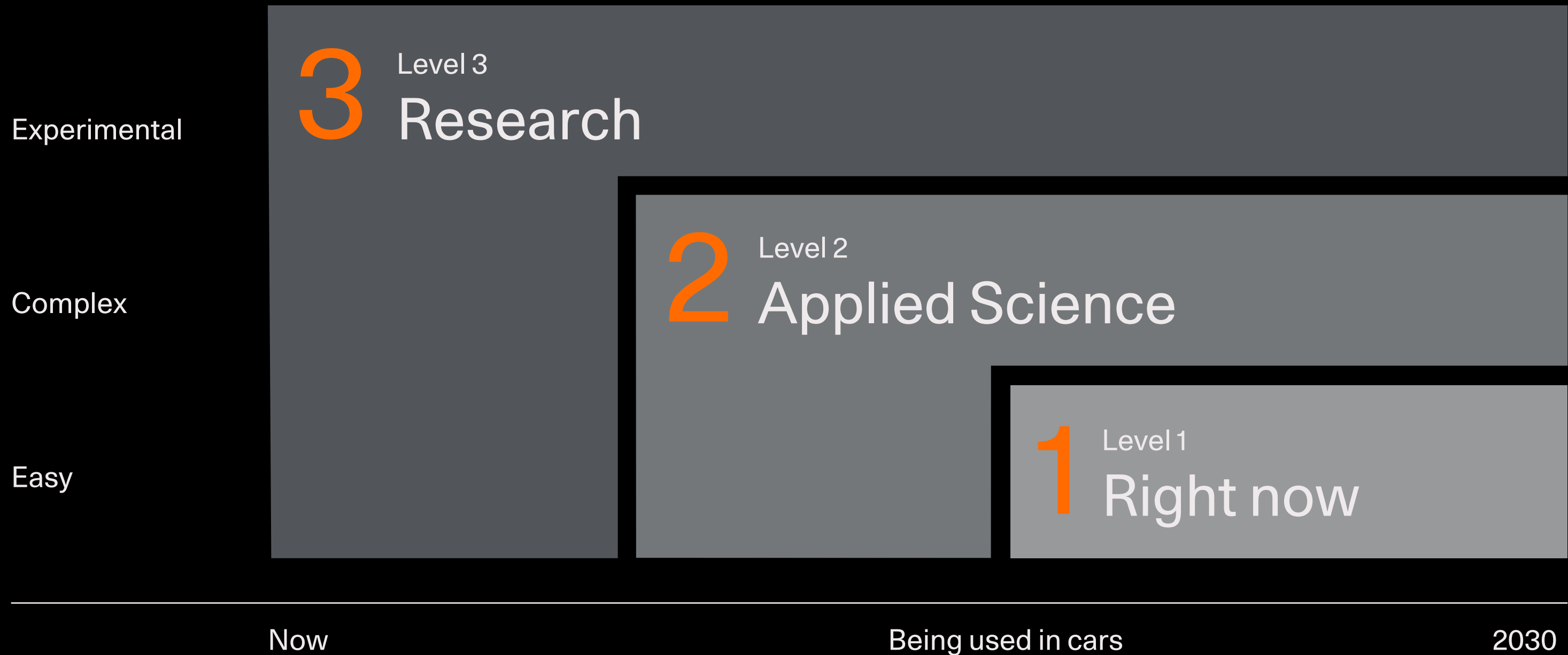
Content

Polestar 0 project: Cradle to Gate including all Logistics and End of life



Polestar 0 Project

How



Polestar 0 Project

When

- **Research 2021 – 2025**

- Build collaborations
 - Discover sources for CO2e in present supply chain
 - Start research on all identified level 3 sources

- **Applied science 2025 – 2027**

- Build and run pilot lines for new materials and processes
 - Validate all concepts for material, function and supply chain
 - Start vehicle architecture – Global commercial Polestar 0 car

- **Product development 2027 – 2030**

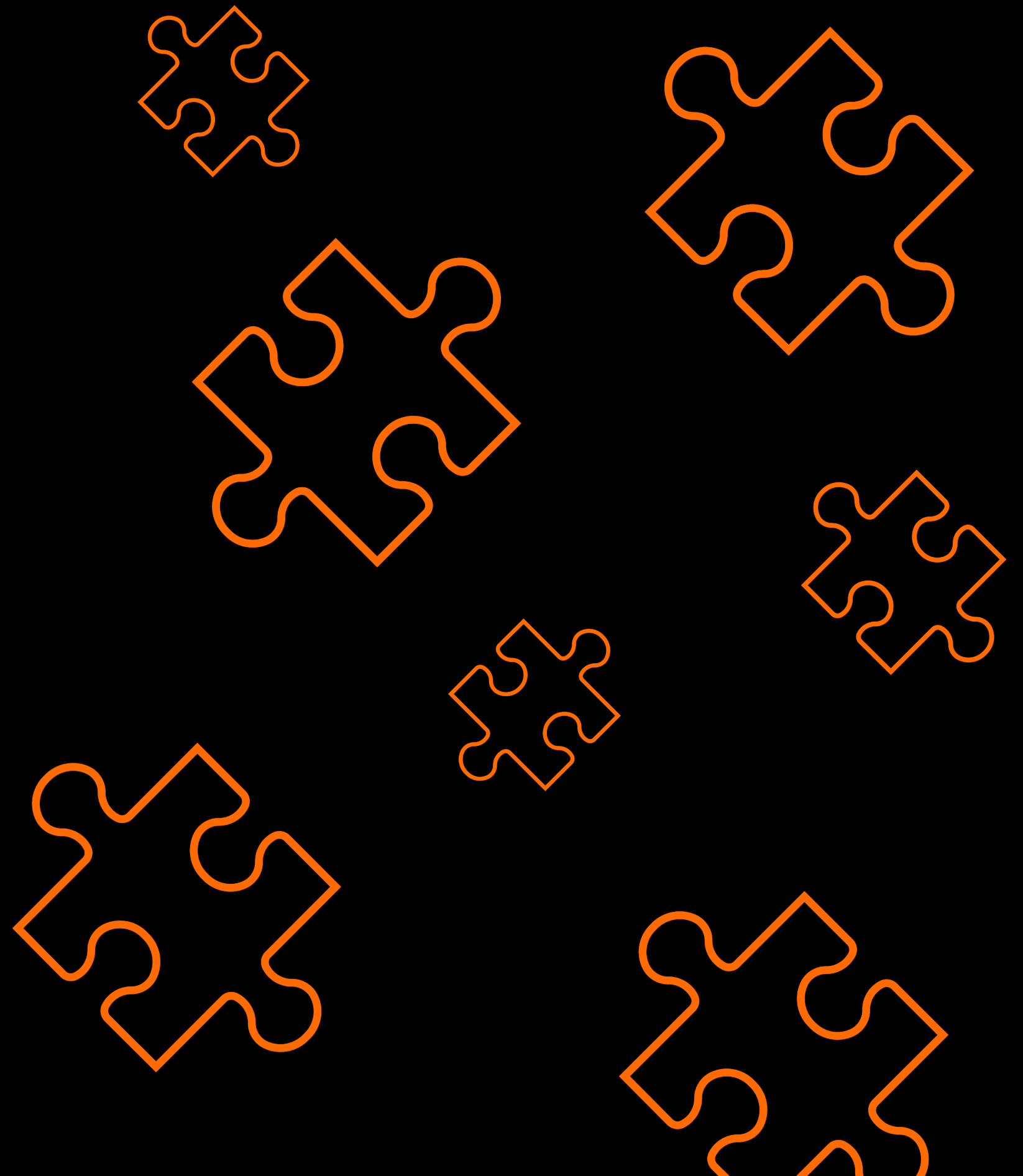
- Build all production sites for material, function and vehicle
 - Finalize complete supply chain for high volume production incl transport
 - Vehicle development – SOP 2030w22



Polestar 0 Project

Who

- Polestar
- Suppliers
- Universities
- Innovators
- Investors
- Governments
- Other contributors



Thank YOU

