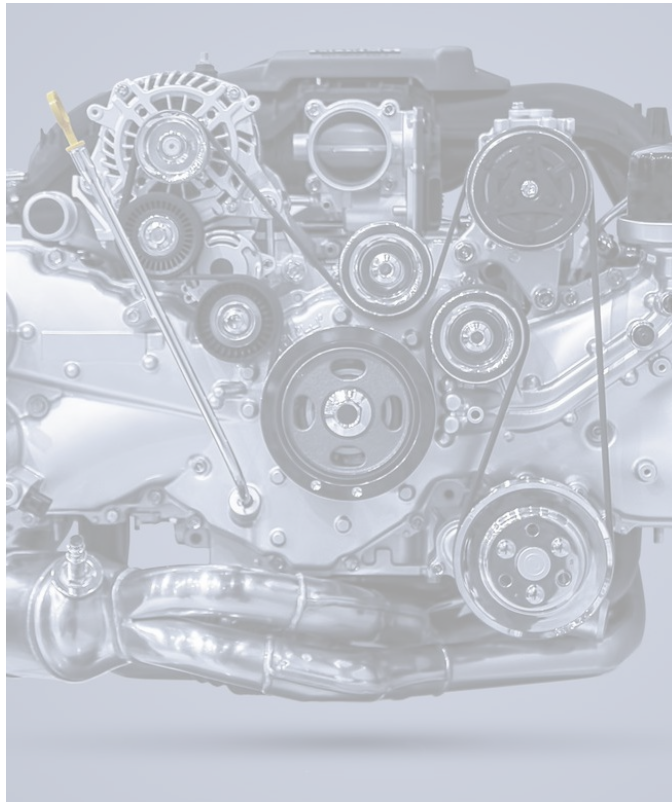
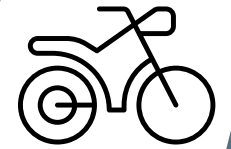


Initialization and support of a sustainable modular architecture development process for engines



STRATEGIC CHALLENGES

- No systematic modular development approach as part of the development process of the engine families
- Missing governance structure & roles that ensure process execution and driving decisions.
- Resistance to implement modular solutions due to missing transparency about their financial implications (especially indirect costs)

IMPACT

- Minimize the number of unique parts by reusing modules across several products
- Minimize the overall effort for additional modules by standardized interfaces and architectural pillars
- Enable the customization of engines

LEVERS

- Tailored modular architecture development process established
- Tool to evaluate (long-term) financial profitability of modular solutions developed
- Best-practice governance structure introduced
- Modularity processes anchored and aligned within process landscape
- Common architecture and modules defined