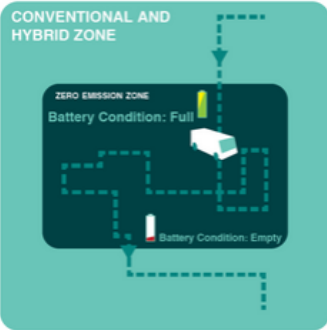




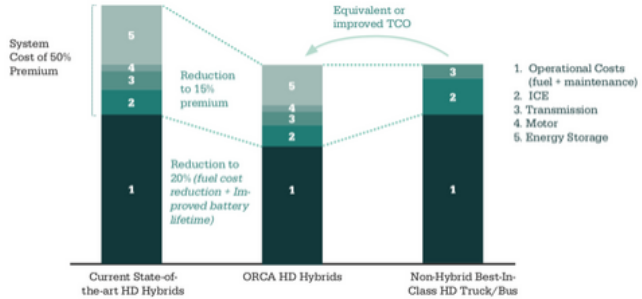
Optimised Real-world Cost Competitive Modular Hybrid Architecture for Heavy Duty Vehicles

FURTHER

- Improve the hybrid powertrain efficiency by at least **5%**;
- Improve the electric range by (at least) **30km** through the addition of plug-in capabilities and optimising the RES capacity;



Total Cost Reduction:



BETTER

- Reduce the TCO to the same as that of a diesel vehicle, targeting over **10% system cost premium reduction** and also targeting up to **10%** rechargeable energy storage systems (RES) lifetime/energy improvement;
- Downsize the ICE by at least **50%**.

GREENER

- Reduce fuel consumption by **40%**;
- Case study assessment to replace a diesel engine by a CNG engine for future heavy-duty vehicles;



CONSORTIUM 6 COUNTRIES AND 11 PARTNERS



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