

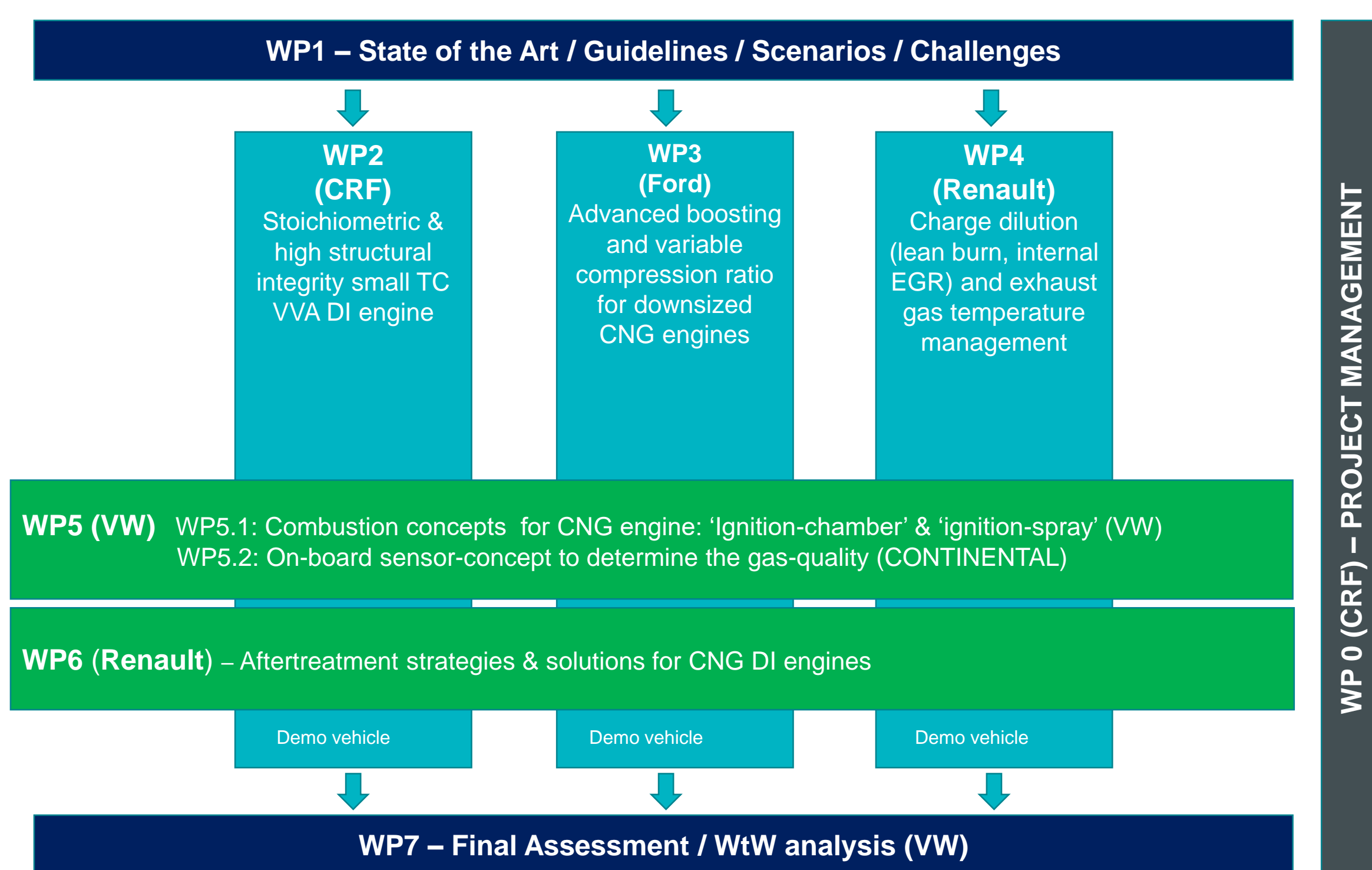
GasOn – Gas Only internal combustion engines

WP3: Super downsized CNG engine with advanced boosting and variable compression ratio

WP3 Coordinator: Dr.-Ing. Ulrich Kramer

Ford-Werke GmbH, Köln

Overall Project Structure



Project Targets

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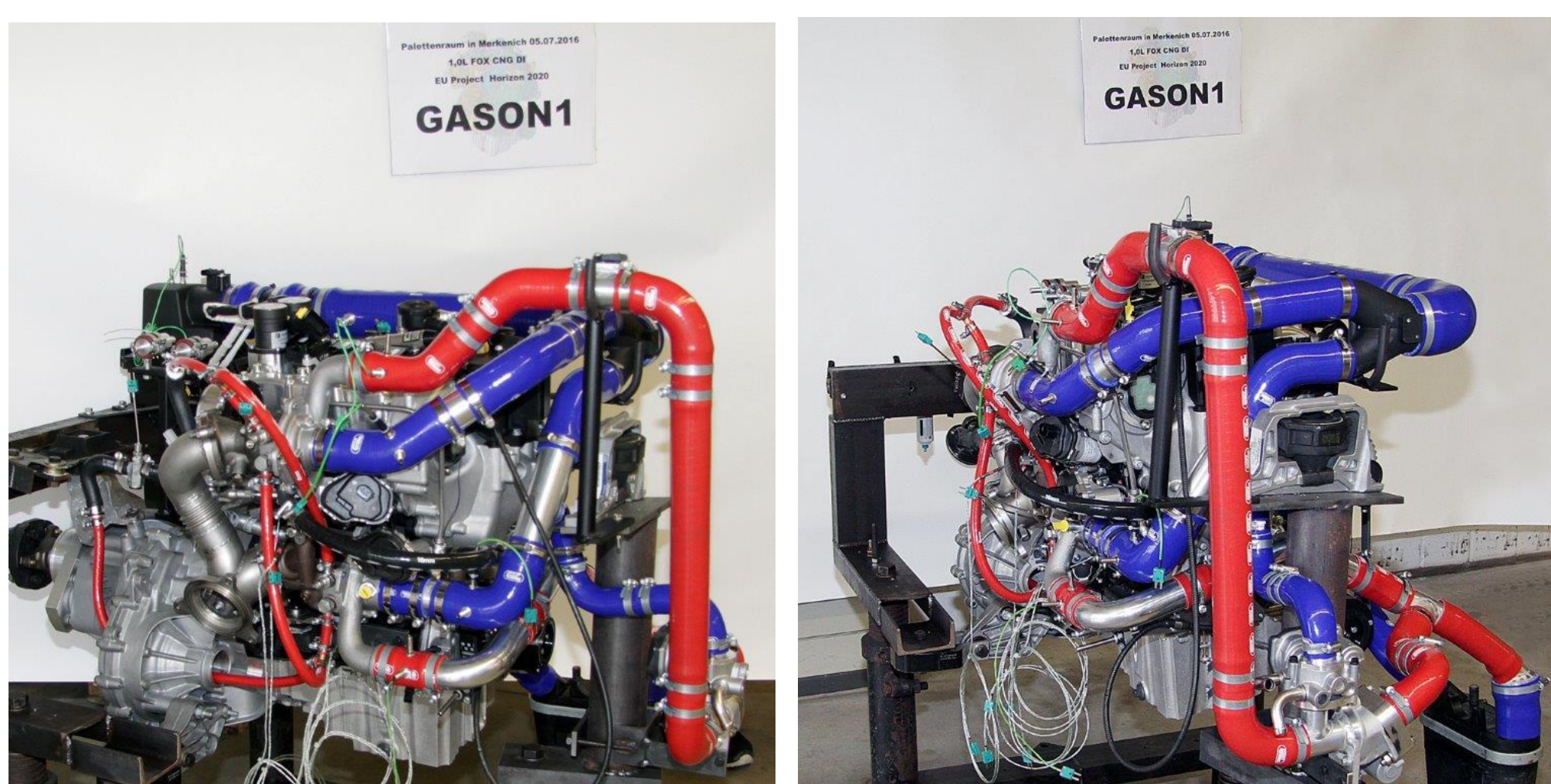
- 20% CO₂ reduction
- (vs. Best-in-Class CNG Vehicle MY 2014)
- EU6+ emission level
- 600 km range

WP3 Vehicle Targets

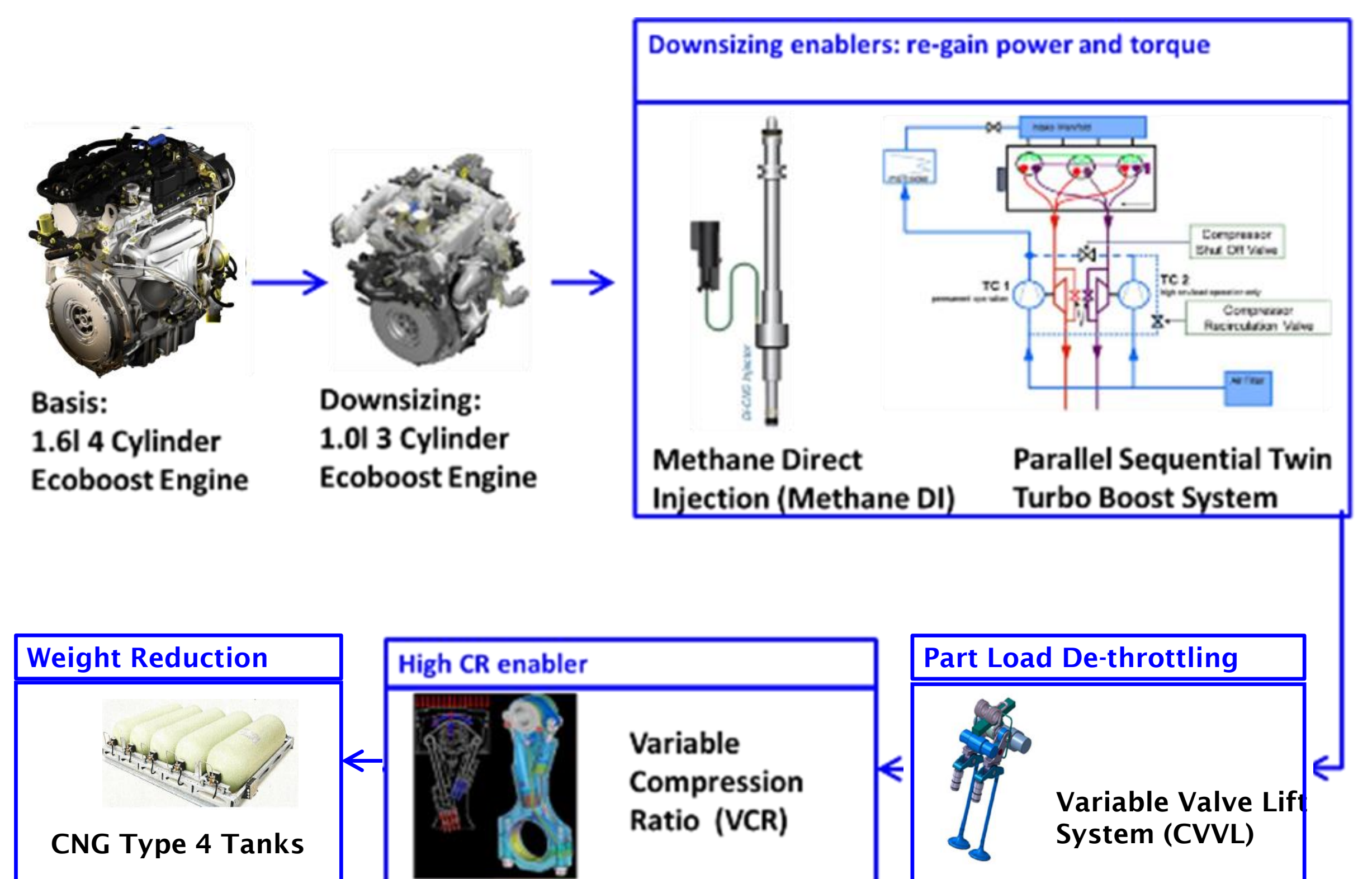
- Customer Acceptance → Fun-to-drive → Max. Power 110 kW, Max. Torque 240 Nm
- 7-seater van

WP3 – Technology Scope

GasOn Prototype Vehicle Ford Grand C-MAX 7-Seater Van

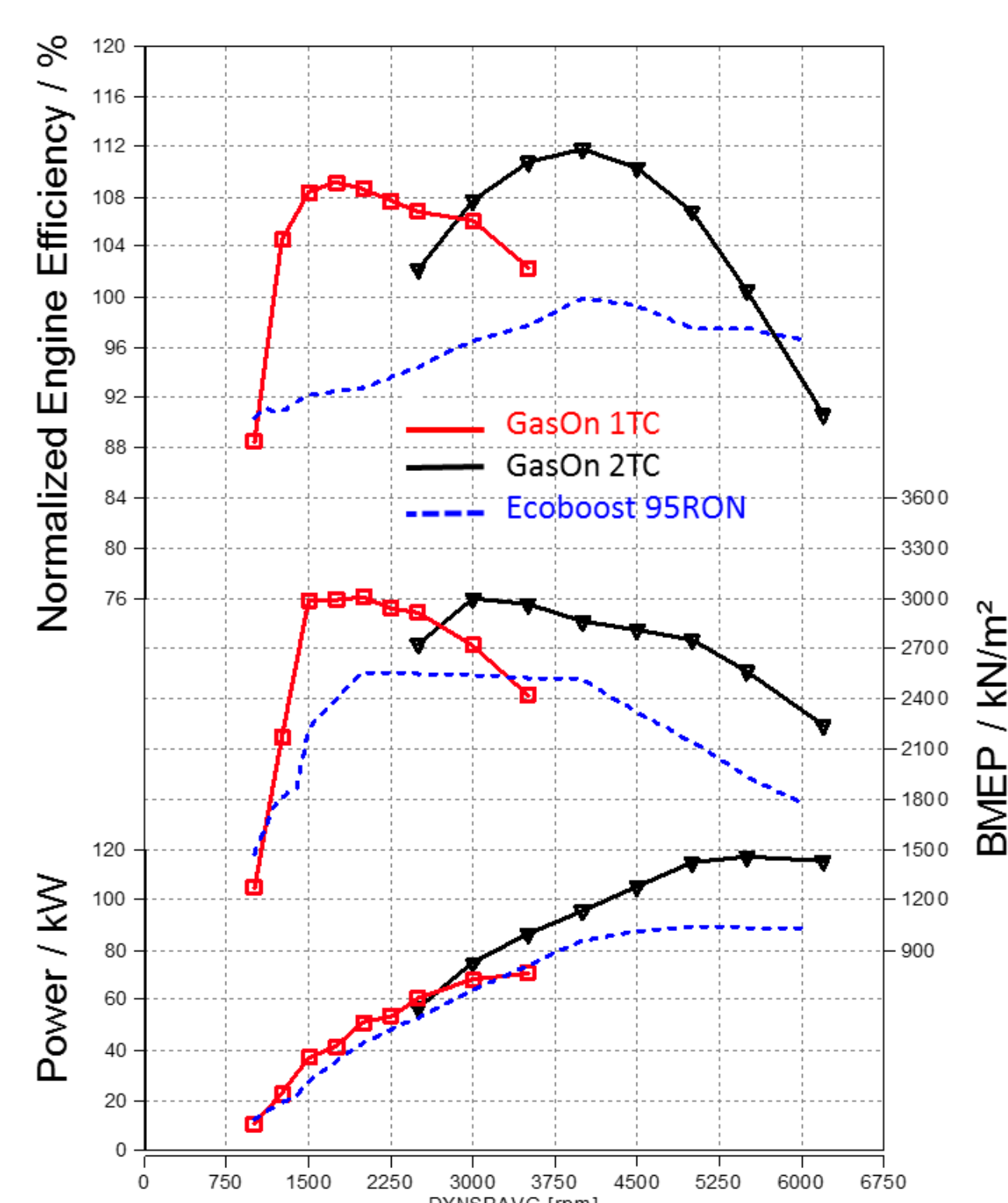
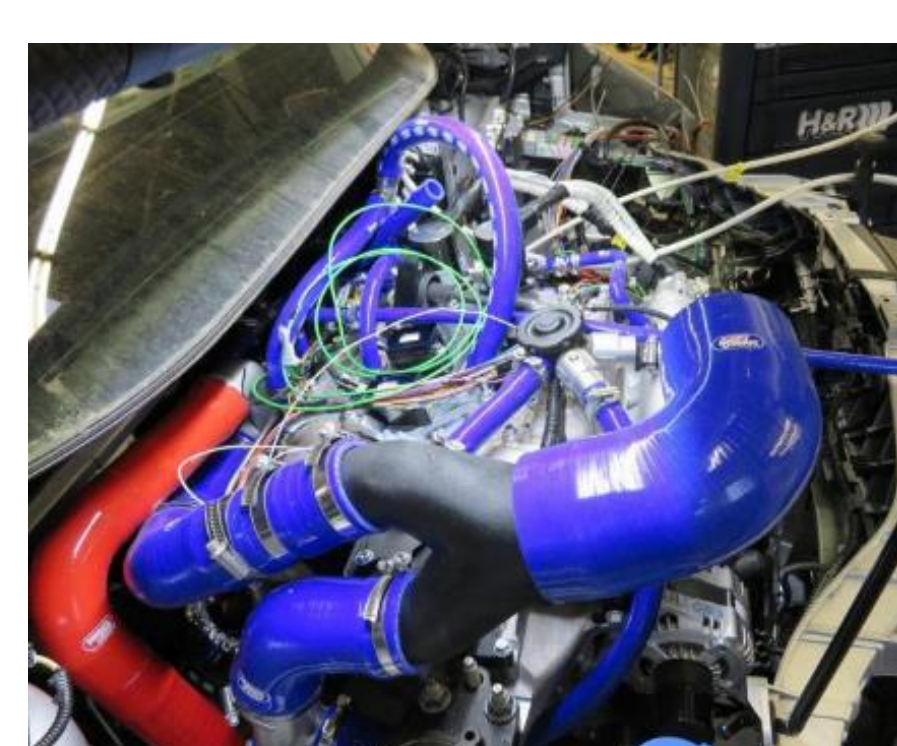


- GasOn technologies walk VCR engine



Results Achieved So Far – WP3

- Ford Grand C-MAX Prototype Vehicle Built
- 20% CO₂ reduction → 100 g/km (NEDC) achieved
- EU6+ emission level → calibration ongoing, on track
- ≈ 650 km range achieved



Basic Project Data

Status: Ongoing
Start: 01. May 2015
Finish: 30. April 2019

EU Funding ~ 3.6 Mio. €

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