

AKKA

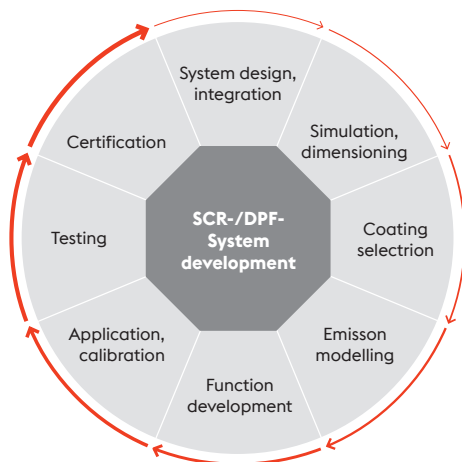
PASSION FOR
TECHNOLOGIES

EXHAUST GAS AFTER-TREATMENT

FULFILLING TOMORROW'S EMISSION STANDARDS TODAY

We develop, calibrate and integrate – National and international laws prescribe increasingly strict pollutant and emission restrictions in order to protect the environment. Selective catalytic reduction (SCR) and diesel particulate filtration (DPF) represent two of the most important emission-reduction methods.

AKKA supports you with selecting, developing and integrating these technologies. For every customer we develop a concept along and then implement and calibrate a system designed specifically for the branch and the requirements.



OUR ADDED VALUE

- Worldwide certification for your engine systems
- Short development cycles
- Provision of niche solutions
- Compliance with national and international emission standards
- Interdisciplinary knowledge transfer

AN INTEGRAL PART OF OUR SERVICE

- ... Sector-specific
- ... Customer-oriented
- ... Series-proven
- ... Cost-efficient

OUR CUSTOMERS

- Automotive – passenger vehicles, light & heavy commercial vehicles
- Non-Road applications – Agricultural & forestry machinery, railroad, construction machines
- Industrial applications



Automotive



Aerospace



Railway



Energy



Life Sciences



Telecoms



Space



Services and Informations Systems



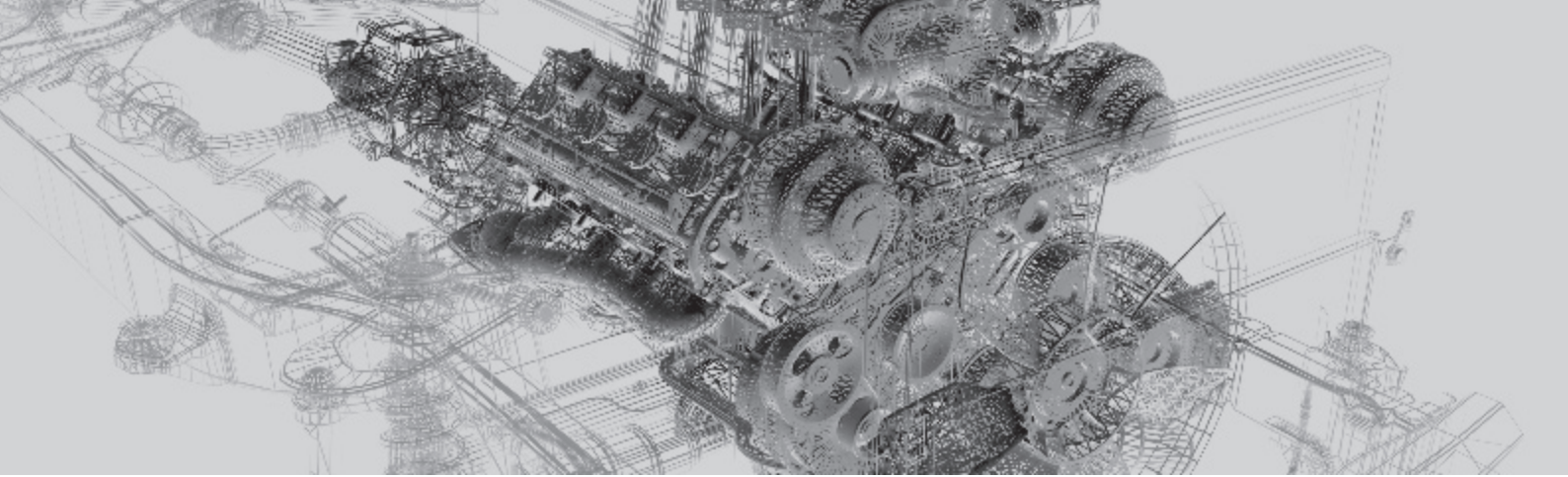
Defence



Oil and Gas



Consulting



OUR EXPERTISE

COMMERCIAL VEHICLES: WE DEVELOP PRECISELY THE RIGHT SYSTEM FOR YOU

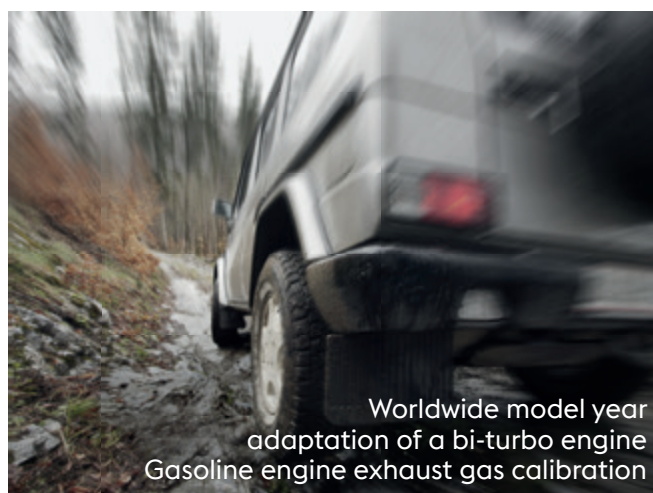
- Concept development and evaluation
- System design and dimensioning
- Development and packaging
- Flow simulation
- Emission modeling and initial data derivation
- Technology characteristics (catalytic converter and metering systems)
- Engine and exhaust system application and calibration
- System ageing
- On-board diagnosis (OBD) parameterization
- Endurance testing and a series support

PASSENGER VEHICLES: WHETHER DIESEL OR GASOLINE, WE GUARANTEE EFFICIENT SERIES DEVELOPMENT

- Exhaust gas system design and catalytic component selection
- Mechanical, electrical and electronics integration into the vehicle
- DPF and SCR function development
- Calibrate various operating modes
- Create aged exhaust gas systems
- Calibration OBD functions for catalytic converter and exhaust gas sensor diagnostics
- Endurance testing and a series support



Low emissions in the city: EEV city bus
On-road application



Worldwide model year
adaptation of a bi-turbo engine
Gasoline engine exhaust gas calibration