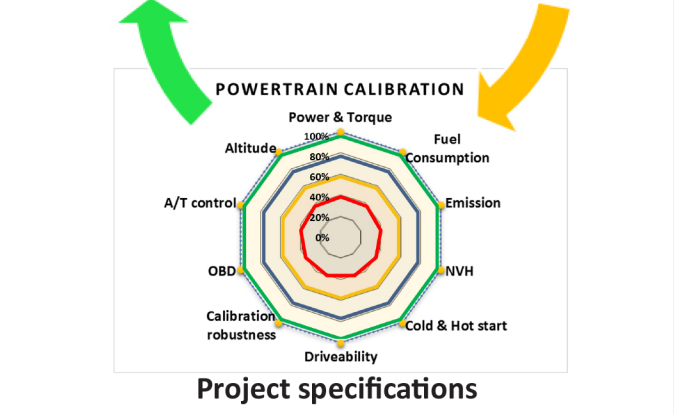
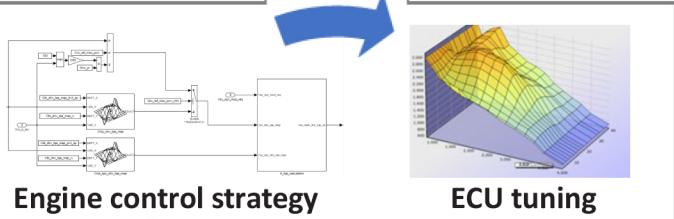
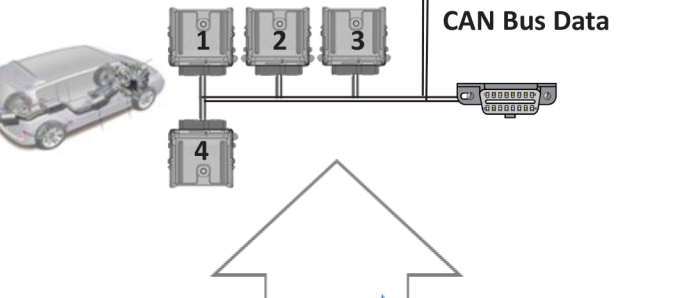
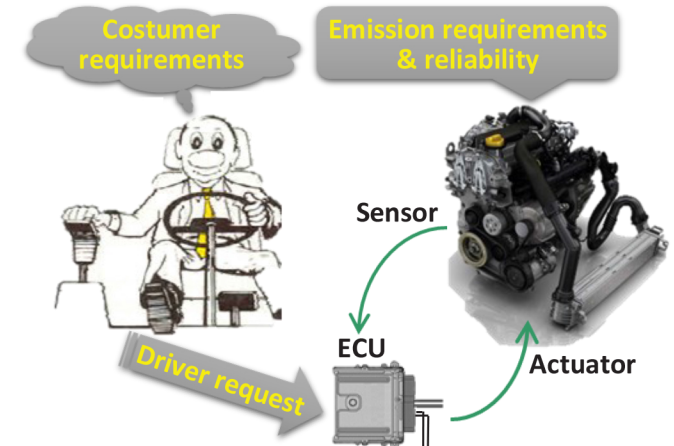


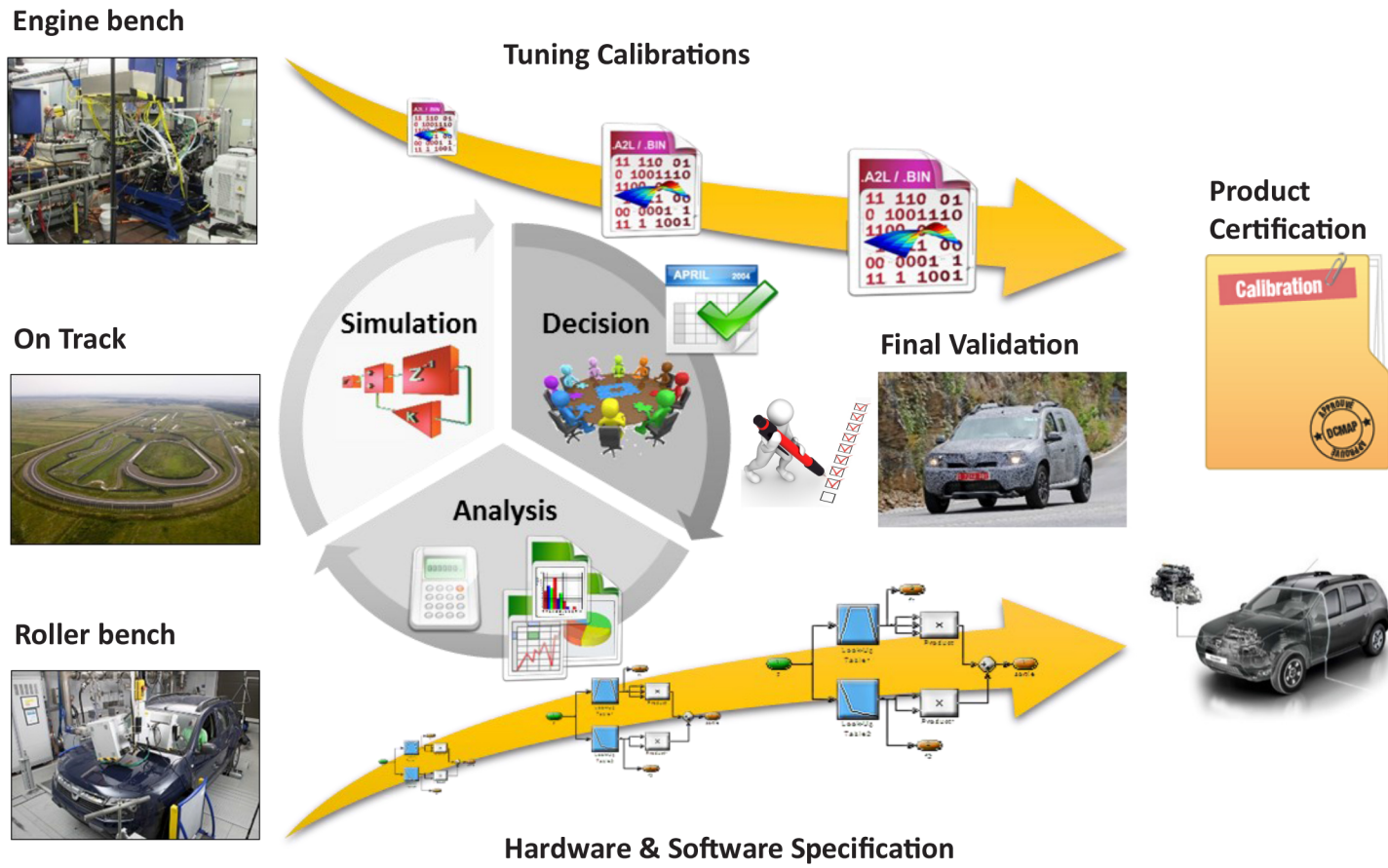
# Our mission:



# The powertrain control & tuning department has three major entities:



# Global control & tuning process:



### Our teams:



**Baseline tuning**  
Obtaining the best compromise between engine performance and reliability



**Climatic**  
Robust startability and engine running in all environmental conditions: cold, hot and altitude



**Driveability (Torque modulation)**  
High satisfying customer driving behaviour



**Emission**  
Reduction of fuel consumption and engine pollutants for emission standard requirements



**OBD**  
Supervising of the after treatment components & system



**Automatic transmission**  
Optimization for best gearshift quality



**Data Set Management**  
Responsible for algorithm precalibration and ECU data set industrialization

### Our products:



### Key performance:



Over 250 high skilled engineers



Over 350 prototype vehicles  
6 engine benches  
4 roller benches



50 powertrain calibration  
600 test reports archived

### We are looking for:

- Engineers with a real passion for powertrain & automatic transmission
- Basic understanding in thermodynamic, mechanic & electric
- Strong team spirit
- Foreign language skills

### Contact us:

Any time on at [Grup.Renault@Renault.com](mailto:Grup.Renault@Renault.com)



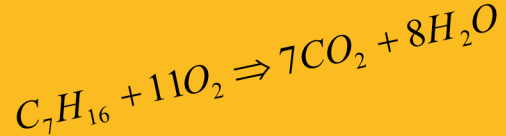
[www.gruprenault.ro](http://www.gruprenault.ro)

## POWERTRAIN CALIBRATION

### DEPARTMENT

MECHANICAL ENGINEERING

$$P = C \times \frac{2 \times \pi}{60} \times N$$



$$p \times V = m \times R \times T$$



**GROUPE RENAULT**