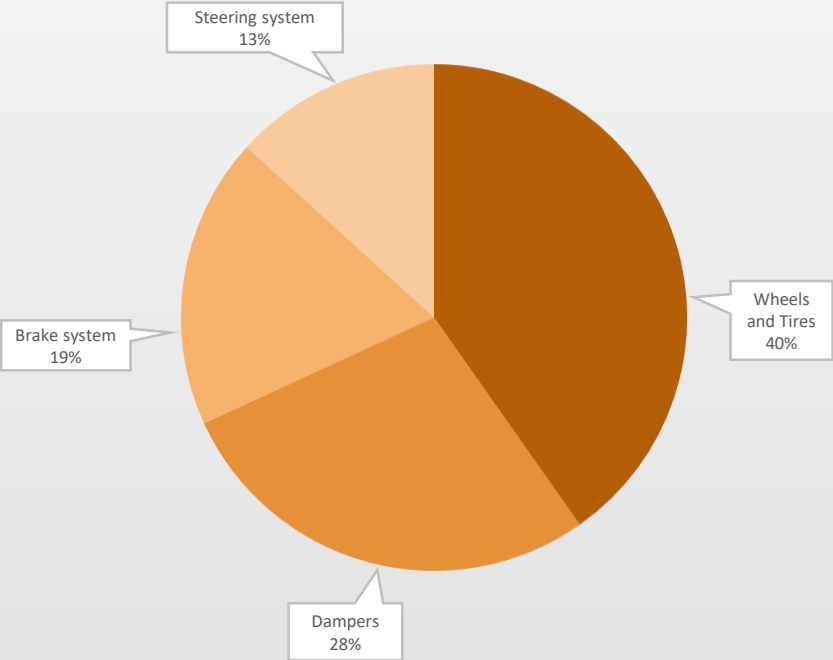


Previsionnall Expenses

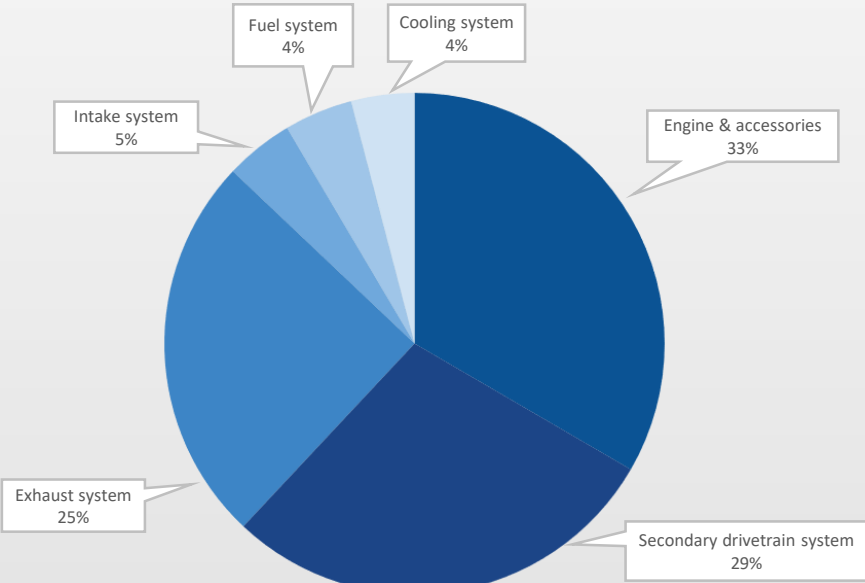
Suspension Budget

12 630€

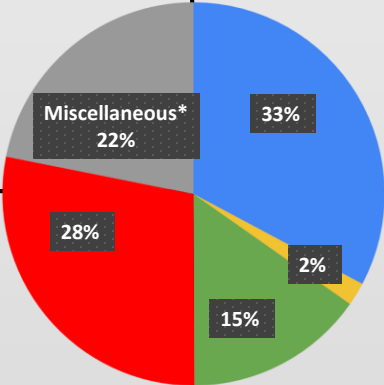


Powertrain Budget

14 680€

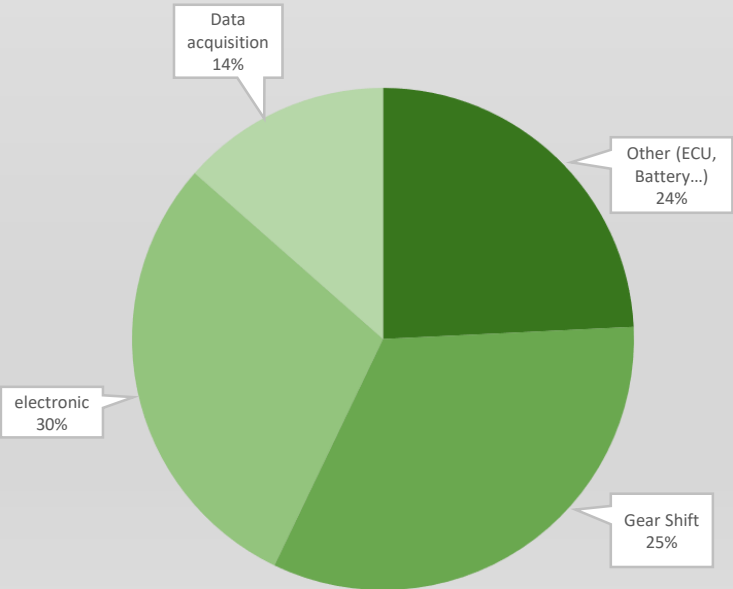


51 800€



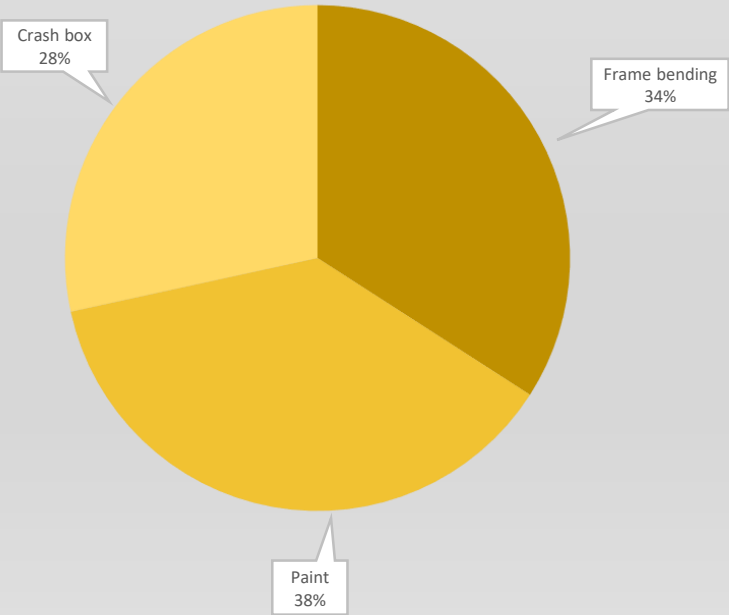
Electrical Budget

6 810€



Frame Budget

880 €

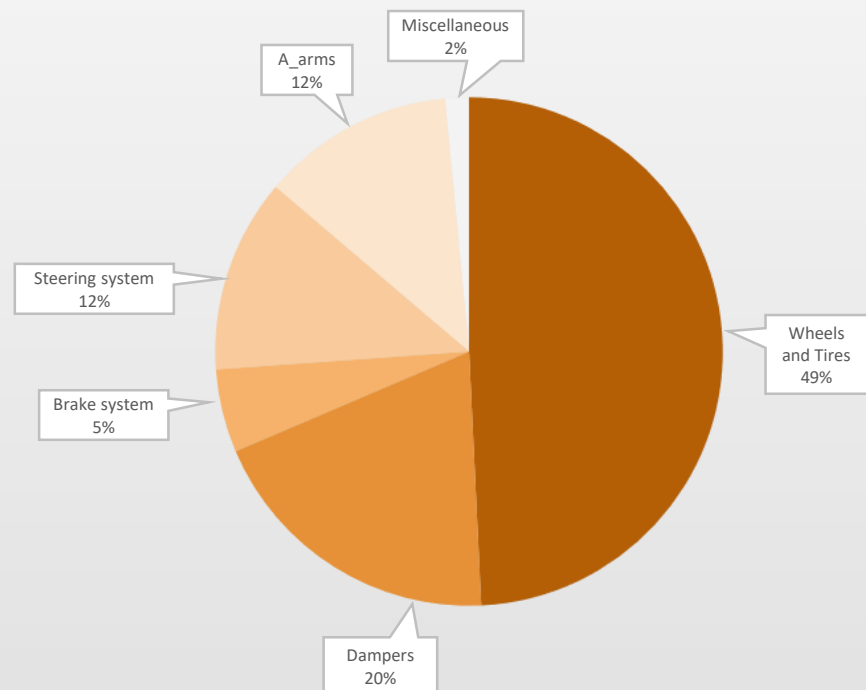


*Miscellaneous: competition cost, campings, bolts, imponderables,...

Overview Expenses

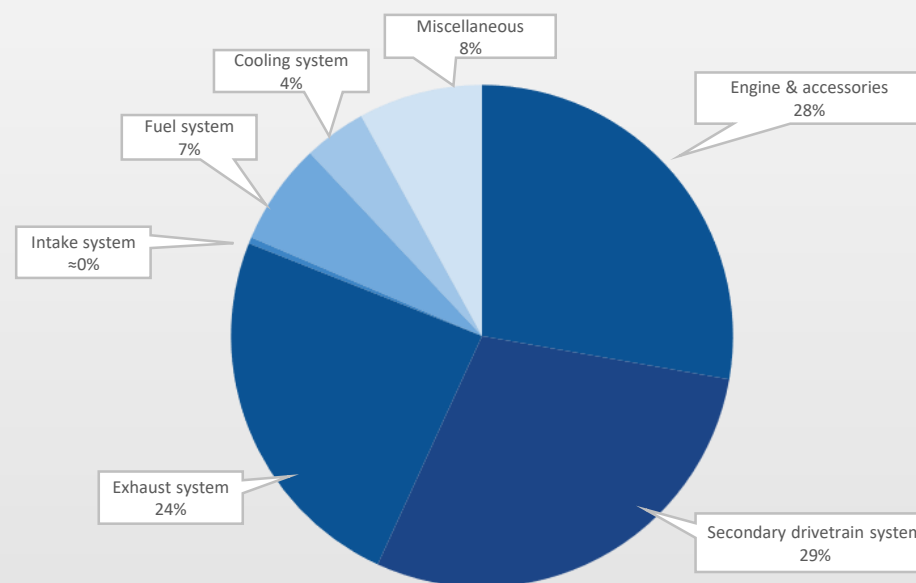
Suspension Budget

19 480€



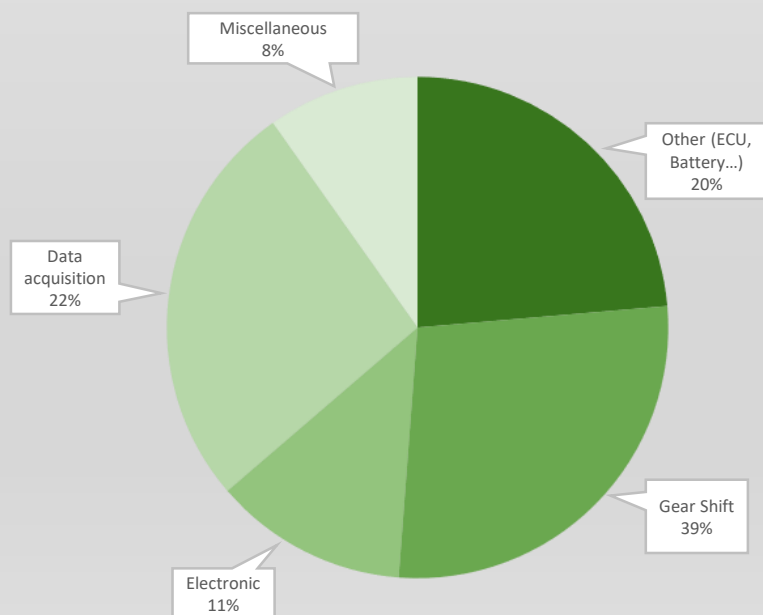
Powertrain Budget

14 046€



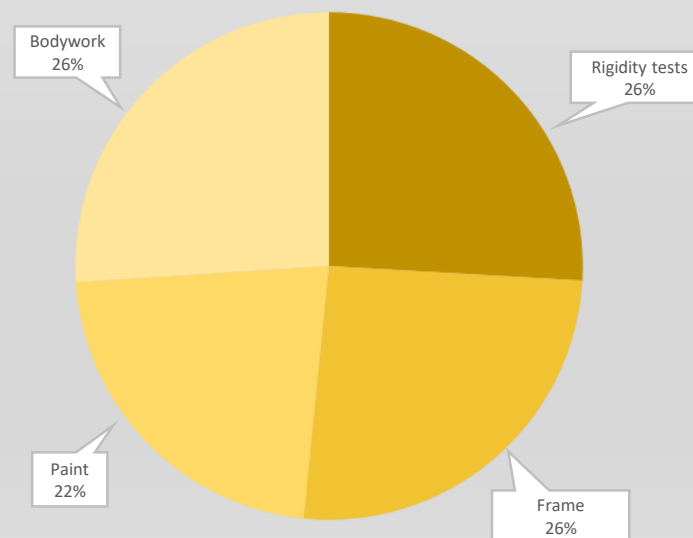
Electrical Budget

6 893€

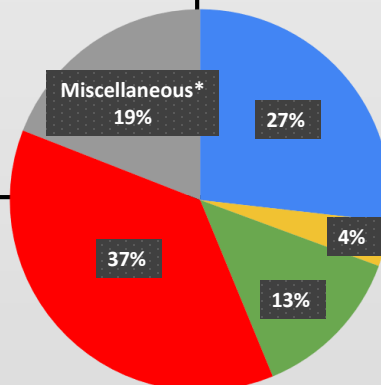


Frame Budget

2 005€



52 418€



*Miscellaneous: competition cost, campings, bolts,...

Workshop organisation

Haas VF-3SSYT



- 3 Axis CNC vertical milling machine
- Power: 22.4kW
- 12 000 rpm inline direct drive
- 1016 x 660 x 718 mm max capacity
- Tool changer capacity: 30+1
- Additional 4th axis
- Probe system for easier tool setup

Haas ST-35Y



- CNC lathe with Y axis
- Power: 29,8kW
- 3200 rpm spindle
- 457 x 584 mm max capacity
- 305 mm hydraulic chuck
- 24 station turret with 4000 rpm live tooling
- Probe system for easier tool setup
- Parts catcher

Conventional mill and lathe



Manpower

- 4 operator full-time and 1 operator part-time
 - Machine supervision
 - Assemblies (except welding)
 - Maintenance
 - Simple CAM/metrology
- 1 technician
 - Complex CAM/metrology
- 1 welder
- 1 engineer
 - General organisation
 - Sales
 - Complex CAM/metrology
- 1 administrative
 - Sales, supplies, invoices,...

Office :

- Administrative
- Sales
- Development

Staff room

Storage Area :

- Materials stock
- Consumables
- Parts to assemble
- Tooling
- Critical spare parts
- ...

Metrology lab :

- Reference surfaces
- Profile projector
- Measurement column
- Micrometres

Assembly area:

- Manual sheet bender
- Hydraulic press
- Drill press
- Belt grinder
- Band saw
- ...

Welding area:

- TIG welder
- Chiller
- Fume extractor
- Welding table
- Clamps/fixtures

Baileigh FL-510HD-1000

- CNC laser table
- 1000 watt fiber laser
- 1500 x 3000 mm max capacity
- Thickness cutting capacity:
 - Steel: 9.5mm
 - Aluminium: 2.5mm

