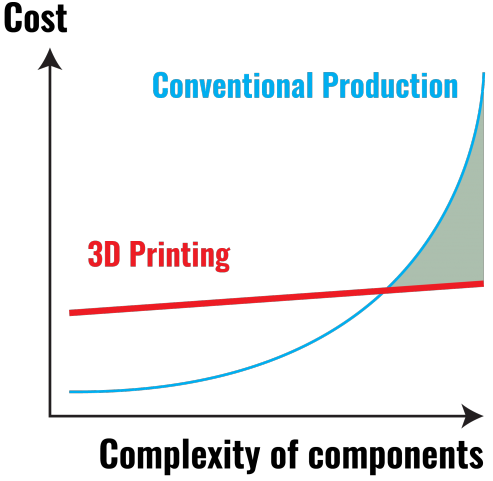
**Cost understanding**

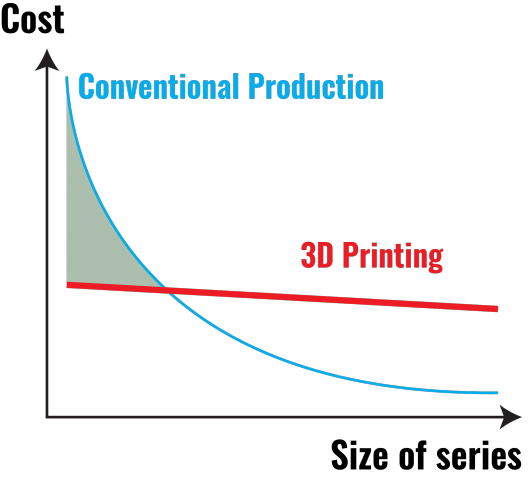
**Support document**

1. *Differences between prototype and mass production*

Ok



*Comparison of 3D printing versus conventional production: cost versus complexity*



*Comparison of 3D printing versus conventional production: cost versus size of series*

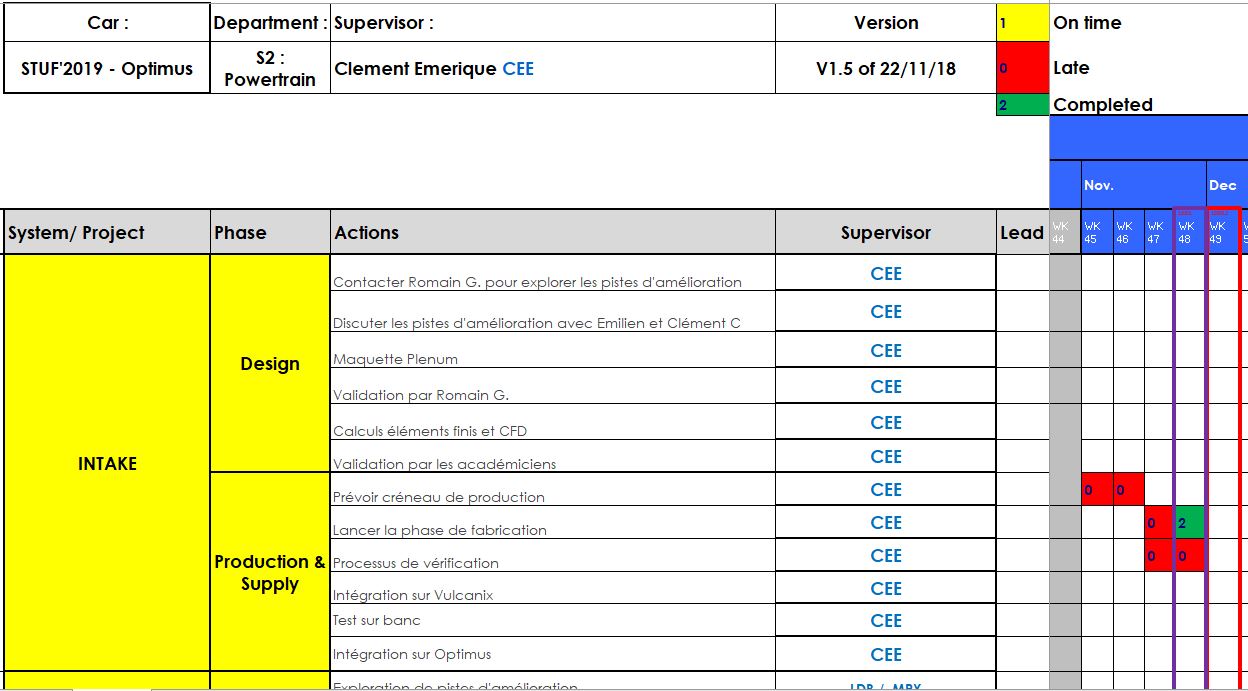
1. *Resource and cost planning*

*Global resource planning*

See V cycle drawing.

*Detailed resource planning*

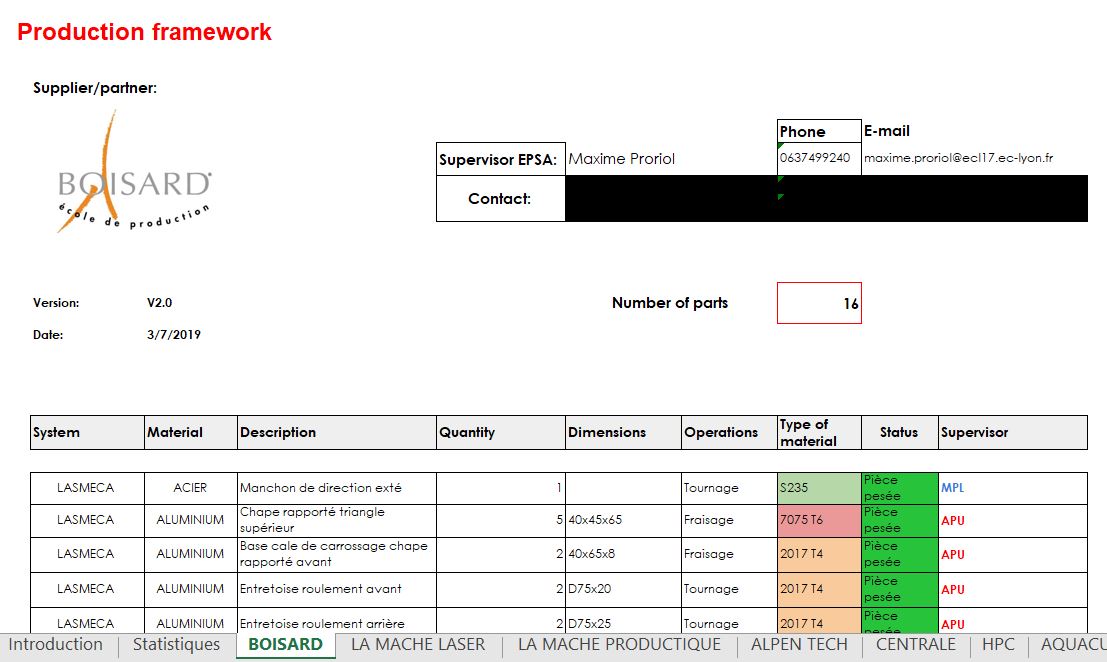
Utilisation of Gantts to plan and monitor the work.

**

*Example of Gantt layout*

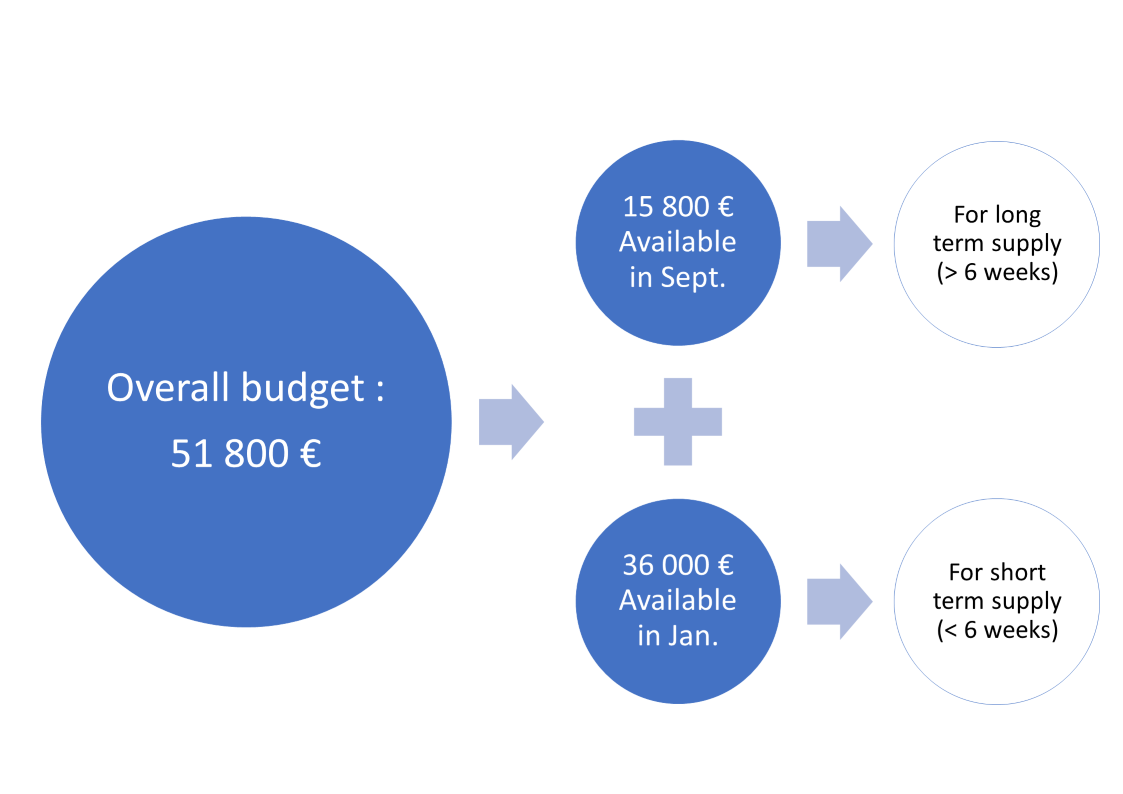
*Manufacturing planning*

* Gantt of the production phase (Manufacturing\_Gantt)
* Excel of the repartition of the production between our partners, sponsors and suppliers (Manufacturing\_framework)



*Cost planning*

See *Previsionnal Expenses* drawing.



1. *Financial and production risk management*

*An exemple of a financial risk*

Supply of wheels bearings this year

* Difficul

1. *Make or buy decisions*

Ok ok

1. *Environmental influence of the vehicle production*

Ok ok

1. *Effectiveness of financial planning*

Ok ok

1. *Methods for software development cost calculation*

dzdz