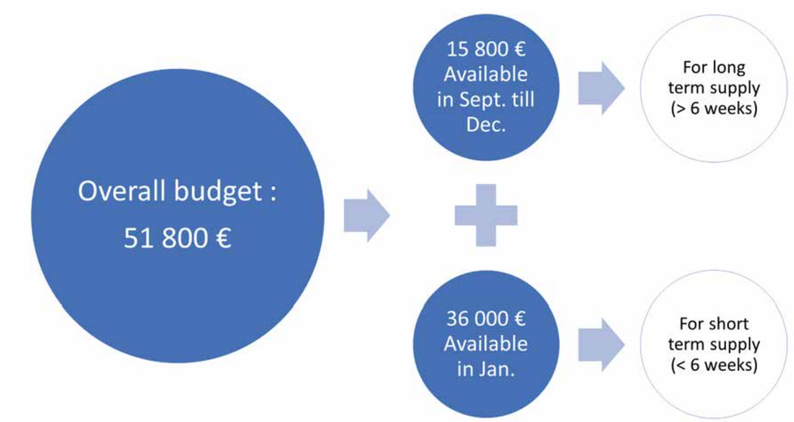
Ressources & cost planning

Global planning

	Delay from previsional :
High Level Design September 13 2018	**7 days**
Detailed Design November 20 2018	**7 days**
Fabrication & unit testing March 8 2019	**21 days**
System testing & integration April 5 2019	**20 days**
Roll Out April 10 2019	**0 days**
First vehicle test April 27 2019	**7 days**

Cost planning



At the beginning of the project, we define a cost budget for each departement (Suspension, Chassis, Powertrain & Electrical).
Our budget is accessible in **two time** so we take into account delay and priority for first order choices.

Ressources planning

Car :	Department :	Supervisor :	Version	
STUF'2019 - Optimus	S2 : Powertrain	Clement Emerique CEE	V1.5 of 22/11/18	1 On time 0 Late 2 Completed

System/ Project	Phase	Actions	Supervisor	Lead
INTAKE	Design	Contacter Romain G. pour explorer les pistes d'amélioration	CEE	
		Discuter les pistes d'amélioration avec Emilien et Clément C	CEE	
		Plenum mock up	CEE	
		Validation	CEE	
		CFD & FEA	CEE	
		Validation	CEE	
	Production & Supply	Prepare manufacturing	CEE	
		Launch	CEE	
		Verification	CEE	
		Assembly	CEE	
		Testing	CEE	
		Final assembly	CEE	

We define a **global planning** for the conception phase. Each tasks is assigned to a ressource from a department and has a due date.

Manufacturing planning

Standard Production Baseline (SPB)

Company/Partener

BOISARD école de production

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Version: V2.0
Date: 19/7/2019

ICO (Inconnue Cardinale Organique): 16

Department	Material	Description	Quantity	Raw material dimension (mm)	Operation	Type	Status	Respo	Step	soudé
LASMECA	ACIER	Manchon de direction exté	1		Tournage	S235	Pièce pesée	MPL	1	oui
LASMECA	ALUMINIUM	Chape rapporté triangle supérieur	5	40x45x65	Fraisage	7075 T6	Pièce pesée	APU	1	oui
LASMECA	ALUMINIUM	Base cale de carrossage chape rapporté avant	2	40x65x8	Fraisage	2017 T4	Pièce pesée	APU	1	
LASMECA	ALUMINIUM	Entretoise roulement avant	2	D75x20	Tournage	2017 T4	Pièce pesée	APU	1	
LASMECA	ALUMINIUM	Entretoise roulement arrière	2	D75x25	Tournage	2017 T4	Pièce pesée	APU	1	
Motorisation	ALUMINIUM	Porte excentrique gauche	1	380x190x10 (à la fin)	Fraisage	7075 T6	Pièce pesée	MPY	1	
Motorisation	ALUMINIUM	Porte excentrique droit	1	380x190x10 (à la fin)	Fraisage	7075 T6	Pièce pesée	MPY	1	
LASMECA	ACIER	Insert chassis pivot de basculeur	2	D40xL45	Usinage	S355	Pièce pesée	PCT	1	oui

Coordonnées fournisseur : SISO https://www.siso.fr

We created a excel document gathering each of our suppliers. We define the name of the parts, the department related, the dimension of the raw material, the thickness and the time for manufacturing.
It helps us to **manage the manufacturing phase** and to gather part with the same material and thickness to decrease the manufacturing cost.