**A-Arms conception and manufacturing**



***Objectives***

* **Reliability** 
  + Maximal load case : 6250 N
* **Weight**
  + Target of
* **Cost**
  + Ratio of comparison weight saving < 1 euros by grams

***Conception steps***

* [**Comparisons**](https://www.linguee.fr/anglais-francais/traduction/requirements+analysis.html) **of different solutions** : Comparison of a steel solution, an aluminium solution and an hybrid (aluminium + c
* **Distribution of task**: choice to buy a data logger.
* **Choice of the buy elements**: ECU data logger, gear shifter.