

## ***Astrea*** Project Charter - 3. Launch Systems

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October 2, 2016

# 1 Planning of the project

## 1.1 Identification of the tasks and description of the tasks

ID	Work Package	Biref task description list
3.1	Vehicle	Study of the requirements for the launch of the cubesats. Research of the main companyies that offer launch services, including their features and costs. Decision of the best launch system for our goal, regarding the requirements and the available technology.
3.2	Satellite Deployer	Study of the requirements for the launch of the cubesats. Research of the deployment systems that the main companies offer. Decision of the best launch system for our goal, regarding the requirements and the available technology.

## 1.2 Interdependency relationships amogn tasks and human resources and level of effort

ID	Work Package	Time (h)	Prelations
3.1	Vehicle	16	BB 3.2
3.2	Satellite Deployer	11	BB 3.1

## 2 Budget

### 2.1 Engineering hours budget

Work Package	Time (h)	Labour cost (eur)
3.1-Vehicle	16	320
3.2-Satellite	11	220
<b>Total</b>	<b>27</b>	<b>540</b>
<b>Total estimated</b>	<b>27</b>	<b>540</b>