



Project DEOS-UD

Disruptive Earth Observation Sensing for Urban Development

Deliverable 2

Scope, Time and Cost Management

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1 | Project scope statement

1.1 Product Scope Description

1.2 Project Deliverables

1.3 Project Acceptance Criteria

1.4 Project Exclusions

There are some facts that are out of the scope of the project which, generally, are designated as exclusions. Hence, in this section, the exclusions of the project are determined and defined.

Item	Description
Satellites design	It is out of the scope of this project to design a new satellite that will use the sensors as payload.
Launching	The objective of the project do not include neither the design of the launch system of the satellites nor the costs and scheduling of launching the satellite using the sensors designed.
Deployment	No deployment mechanism nor strategy of the satellites that integrate this new technologies are going to be developed.
Satellite monitoring	The satellite monitoring system that permits to scan different surfaces and regions of the earth is not included in this project scope.
Data transfer	Neither communication between satellites nor between the satellite and the ground station are part of this project.

Item	Description
Final production	The project will only focus on the development of prototype models in order to test the new technologies implemented. Hence, commercial production of these ones will not be carried out.

Table 1.4.1: Project Exclusions

1.5 Project Constraints

2 | Work Breakdown Structure (WBS)

2.1 Activity list

3 | Sequence activities

3.1 Dependencies or logical relationship between activities

3.2 Network Diagram (Precedence Diagram Method)

4 | Estimate activity resources

4.1 Resource identification

4.2 Activity resource requirement

4.3 Resource Breakdown Structure

5 | Estimate activity duration

6 | Project Schedule

Gantt chart

7 | Activity Attributes (at Work Package level)

Table 7.0.1: Activity X attributes

WBS-ID: This identifies where this activity can be found in the WBS.		Activity: This is the name of the activity from the project activity list.
Description of Work: This information includes a detailed description of the work to be performed for this activity and should be consistent with what is provided in the project activity list.		
Predecessors: This section lists other activities which must occur before this activity.	Relationship: This describes if the predecessor has a start-start, start-finish or other type of scheduling relationship.	Lag: This section describes any dependencies on predecessor activities like lead times, lag times or other requirements.
Number and Type of Resources Required: The number and roles of people to complete the work	Skill Requirements: The level of skill necessary to complete the work (expert, average, novice or applicable job level)	Other Required Resources: Any equipment, supplies, or other type of resources needed to complete the work
Type of Effort: Indicate if the work is fixed duration, fixed amount of work or fixed amount of effort		
Location of Performance: If the work is to be completed somewhere other than at the performing organization site, indicate location		
Constraints: Indicate any fixed delivery dates, milestones or other constraints		
Assumptions: List any assumption about resources availability, skill sets, or other assumptions that impact activity		

8 | Cost estimating

8.1 Level of accuracy

8.2 Cost estimation worksheet

8.3 Activity cost estimation

9 | Cumulative costs

9.1 Cumulative cost curve

9.2 Budget at completion