ETSEIAT
Departament de Projectes d'Enginyeria

[Project Title]

[Acronym]

Deliverable 1

Project Charter

Authors:
[Name and Surname of the group members]

Tutor: [Name and Surname]

Table of Contents

List of tables

List of tables

1 Project Charter

1.1 Project Purpose and Justification

State the purpose of the project. Tie the purpose to the organization's strategic goals and objectives if possible. Tell the reader why this project is being started and what need it is fulfilling. Identify if there are any specific mandates, policies or laws that are driving this change.

1.1.1 Vision

The vision for this project shall be defined considering:
http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2450-eo-3-2015.html

1.1.2 Objectives

Observation concepts based on fractionated sensors (e.g. telescope arrays) have revolutionized astronomy, and their observation potential from space (swarm missions, satellite constellations) has yet to be realized. This represents a departure from an approach of many different sensors residing on one satellite, in favor of many smaller single-sensor missions. It remains to be established for which areas of Earth observation (land monitoring, atmospheric measurements, water quality, maritime surveillance, emergency management, security, etc.) this approach might be particularly effective, be it in performance, risk management and cost effectiveness. Equally, it needs to be understood which technologies would be needed to allow a network/constellation to act as one instrument. Specific requirements for the sensors may also be needed to allow benefit to be taken of such mission concepts.

The key OBJECTIVES for this project are

- …

1.1.3 Scope

Research should be undertaken to review the emerging fractionated observation system concepts. The required technology challenges as regards interfacing, synchronization, formation flying, precision thrusting and pointing, communication within the constellation or with ground stations are to be identified. Potential benefits to be obtained (e.g. monitoring performance, risk mitigation, cost effectiveness, responsiveness) are to be examined in light of observation needs in different earth observation domains. Observation needs should be validated with the respective user communities to be fit for purpose in terms of scientific and commercial applications. Constellations of instruments might be of the same instrument type, or include a variety of different instruments and related data fusion approaches. Demands for data transfers and communication should be examined in light of current developments of high-speed in-space communication methodologies. The results obtained

should enable mission designers and implementers to decide what missions should be initiated for which application areas, and the requirements for communications support.

The Commission considers that proposals requesting a contribution from the EU in the range of EUR 2.5 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

The SCOPE for this project is:

- …

The following items are considered to be OUT OF THE SCOPE of this project:

- …

1.2 Project Description

Explain what the project is, and how it will be accomplished. Explain the ultimate intended outcome of the project. This should serve as a brief introduction. Provide some background about the history of how the project got to this point.

1.3 High-Level Requirements

Requirements include conditions or capabilities that are to be met by the project or present in the product, service, or result to satisfy an agreement or other formally imposed specification. Requirements include the quantified and documented needs and expecta1ions of the sponsor, customer, and other stakeholders.

These requirements need to be elicited, analysed, and recorded in enough detail to be included in the scope baseline and to be measured once project execution begins. Requirements become the foundation of the WBS. Cost, schedule, quality planning, and sometimes procurement are all based upon these requirements.

1.4 Acceptance Criteria

A set of conditions that is required to be met before deliverables are accepted

1.5 High-Level Risks

State the known risks. These risks are generally at a high level since not much is known about the details of the project yet.

1.6 Project deliverables

State what is going to be delivered at the completion of the project:

Table 1. List of deliverables

Deliverable Name	Description	Estimated due date

1.7 Project milestones

Identify the project milestones.

Table 2. List of milestones

Milestone Name	Description	Estimated due date

1.8 Project objectives

Table 3. Project objectives, success criteria and approval

Project Objectives	Success Criteria	Approval Responsible
Scope:		
Time:		
Cost:		

Quality:		
Other:		

1.9 Estimated Budget

1.10 Project organization

1.10.1 Customers

The following customers are defined for this project:

Table 4. List of customers groups

Customer group	Customer representative
EUROPEAN COMMISSION	The primary customer for this project is the European Commission.
….	….

1.10.2 Stakeholders

The following groups and organization are the key stakeholders in this project:

Table 5. List of stakeholders, roles and responsibilities

Stakeholder Name	Roles/Responsibilities
…	…
…	…
….	….

1.10.3 Roles and responsibilities

The following key roles have been defined for this project:

Table 6. Roles and responsibilities

Role	Resource Name	Organization	Responsibilities
Project Sponsor	Tutor name		…..
Project Manager	Coordinator Name		
Project Team			
….	…		

Approvals:

Signature,

Project Management Name

Date:

Signature,

Project Sponsor Name

Date:

2 Stakeholder identification

2.1 Stakeholder analysis matrix

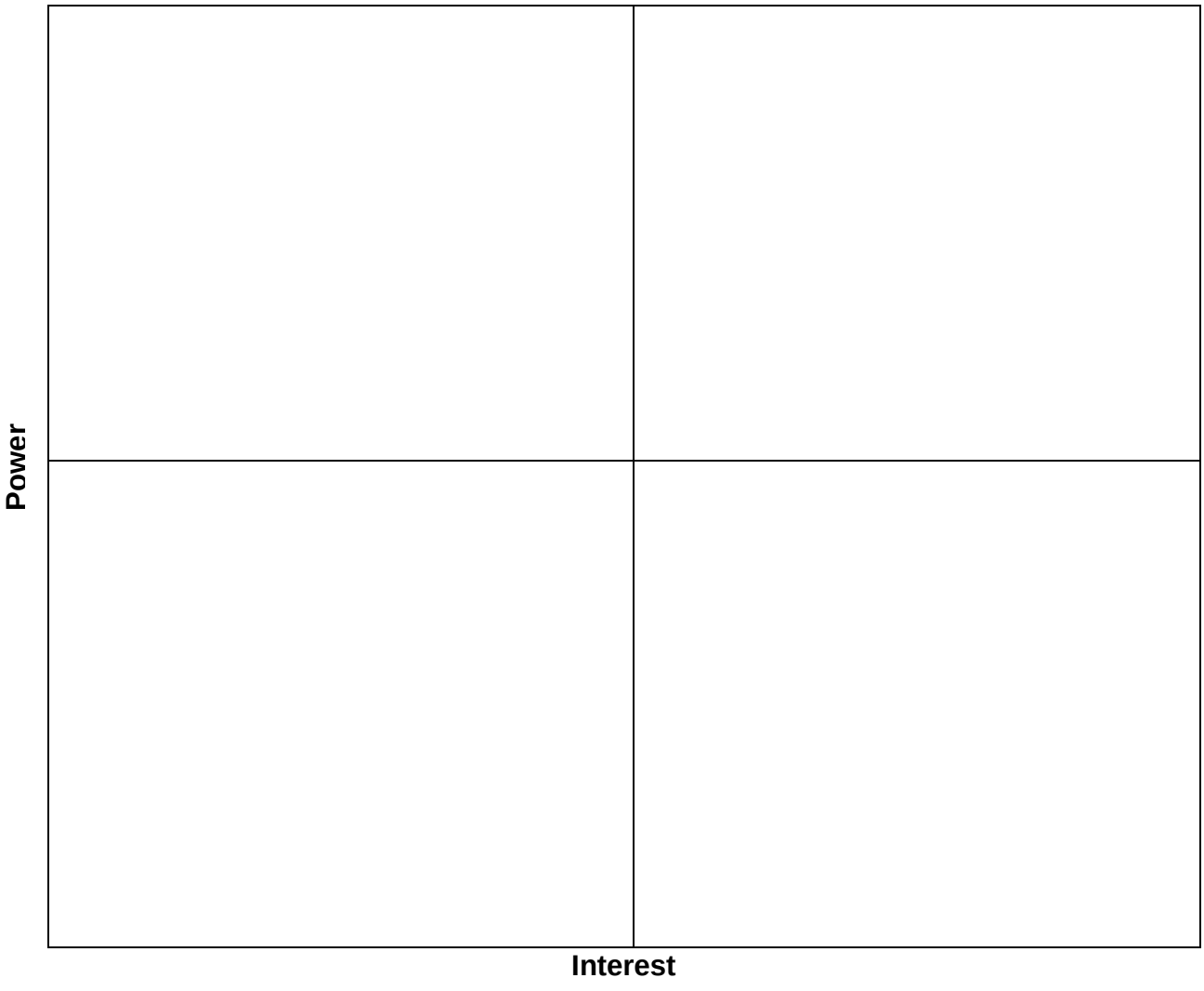

Figure 1. Stakeholder analysis matrix

2.2 Stakeholder register

Table 7. Stakeholder register

Name	Position	Role	Contact Information	Requirements	Expectations	Influence	Classification