



**SELSUSTAINED CROSS-BORDER  
CUSTOMIZED CYBERPHYSICAL SYSTEM  
EXPERIMENTS  
FOR CAPACITY BUILDING AMONG  
EUROPEAN STAKEHOLDERS**

Research Innovation Action

Project Number: 872614

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## DELIVERABLE 4.5

### First Version of Business Plan of the SMART4ALL Thematic Areas

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<b>Lead Beneficiary</b>	<b>DLR</b>
<b>Contributing beneficiaries</b>	<b>S&amp;C, FORTH, DLR, UoP, ATB, BME, FTG</b>
<b>Type</b>	<b>R</b>
<b>Status</b>	<b>Internal Review</b>
<b>Version</b>	<b>02E</b>



## Abstract

This is the first version of Thematic Areas Business Plans. It presents the outline of the business plans and guide their development through the explanations regarding the expected content.

## History and Contributors

Ver	Date	Description	Contributors
00	01/12/2020	Document structure	S&C, FORTH, DLR, UoP, ATB, BME, FTG
01/D	21/12/2020	Circulate the first complete version of the document for internal review	DLR
02/E	13/01/2021	Final revision completed.	DLR

## Executive Summary

Deliverable 4.5 is the first version of Thematic Areas Business Plans. It only aims to present the structure of the business plans and guide their development through the explanations regarding the expected content. The content of the business plans will be developed within the scope of the Work Package 4 Sustainability Strategy and Business Models and reported later revisions of the document, namely Deliverable 4.6 Second Version of Business Plan of the SMART4ALL Thematic Areas and Deliverable 4.7 Final Version of Business Plan of the SMART4ALL Thematic Areas.

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# **1 INTRODUCTION**

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## **1.1 Purpose and Scope**

The purpose of this document is to present the outline for the business plans of the thematic areas. The required content is also shortly described within the structure. These descriptions are repeated for the consecutive thematic area content.

## **1.2 Approach**

The outline for the business plans of the thematic areas is prepared together with the Task Force Leaders of the thematic areas through number of meetings and workshops. Both the structure and the content have been discussed in detail. Example content is prepared for solidifying the discussions and achieving an intuitive and comprehensive business plan outline,

## **1.3 Relation to other Work Packages and Deliverables**

This outline presented in this deliverable will be used in its upcoming versions, namely the second version D4.6 and the final version D4.7.

## 2 SMART4ALL THEMATIC AREAS

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Please use the same fonts and same text formatting as in Heading 1 of this document and type the description of the deliverable which refers to the title of each corresponding section.

### 2.1 DIGITIZED TRANSPORT TASKFORCE

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How can we obtain this data?

- Knowledge of partners involved in other DIHs will be valuable here.
- Reports
- Experts involved in national/regional initiatives for digitalization, local governments, industry associations, incubators.

#### 2.1.2 MARKET ANALYSIS

For each taskforce define their needs.

- Identify the challenges that companies (identified in previous section) face.
- Identify the tools that are necessary to address these challenges.
- Identify what service they require.

How can we obtain this data?

- Survey that involves companies in this sector (using companies interested in the SMART4ALL projects through the mailing list, followers Facebook, twitter, etc.)
- Using key partners of the consortium that have experience in DIH, so they know people that could identify these needs.
- Reports about the sector.
- Internal discussions inside the taskforce, including the point of view of experts in the market.

##### 2.1.2.1 CHALLENGES / OBSTACLES

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### **2.1.2.2 SIMILAR ACTIVITIES**

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How can we obtain this data?

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### **2.1.2.3 SERVICES AND PRODUCTS**

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## **2.1.3 VALUE CHAIN**

Identify some value chains inside the taskforce (3-4 hot topics)

How can we obtain this data?

- Internal work of the taskforce group.

### **2.1.3.1 TYPES AND ROLES OF STAKEHOLDERS**

Identify which are the types of stakeholders inside your taskforce scope. Which are they roles?

How can we obtain this data?

- Internal work of the taskforce group.
- Previous examples of value chain where we identified these stakeholders and their position (hardware provider, service provider, telecom)

### **2.1.3.2 SECTOR NEEDS**

In order to create a future Digital Innovation Hub, we need to identify which are the needs that the covered sector (by the taskforces) and define the model that best suits these specific circumstances.

For each taskforce define their audience, needs, characteristics:

- Identify which industry sectors require support. Identify the main industry sectors that could need more (or the ones that requesting) “digitalization”, so we can identify our possible target sectors.
- Identify what types of companies do these sectors comprise. Inside the identified sectors identify the main companies. The Value Chain exercise will provide us some guide.
- Identify the support already available (research institutes, demonstrators, etc.). For each country/region identify the strengths and what it is missing.



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### **2.1.3.3 DIGITIZED TRANSPORT DIH VALUE PROPOSITION**

Each taskforce must identify what is already available for its sector, such existing initiatives, DIHs or projects. We can propose small incentives to encourage SMEs to engage with the HUB and its activities. These incentives, financed by local/national/European agencies, could be offered to facilitate the cooperation. Encourage the collaboration with other DIHs for complementary services.

- Identify and respond the needs of companies of the sector.
- Identify those technologies that could offer an added value to the companies of the sector.
- Identify other hubs and digital platforms for cooperation.
- Identify how to access to financing, help connect users and suppliers of digital innovations across the value chain

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## **2.2 DIGITIZED AGRICULTURE TASKFORCE**

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### **2.2.1 VISION**

Each taskforce must develop a vision for digital transformation within its sector and the role that the DIH will play. How the DIH can work with regional/national authorities to promote the digitalization of services.

How can we obtain this data?

- Knowledge of partners involved in other DIHs will be valuable here.
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- Experts involved in national/regional initiatives for digitalization, local governments, industry associations, incubators.

### **2.2.2 MARKET ANALYSIS**

For each taskforce define their needs.

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#### **2.2.2.1 CHALLENGES / OBSTACLES**

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## **2.2.3 VALUE CHAIN**

Identify some value chains inside the taskforce (3-4 hot topics?)

How can we obtain this data?

- Internal work of the taskforce group.

### **2.2.3.1 TYPES AND ROLES OF STAKEHOLDERS**

Identify which are the types of stakeholders inside your taskforce scope. Which are they roles?

How can we obtain this data?

- Internal work of the taskforce group.
- Previous examples of value chain where we identified these stakeholders and their position (hardware provider, service provider, telecom)

### **2.2.3.2 SECTOR NEEDS**

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### **3 CONCLUSION**

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The document presents the proposed outline for the Thematic Areas Business Plans and expect to guide their development through the explanations regarding the expected content. The business plans will be developed within the scope of the Work Package 4 Sustainability Strategy and Business Models and reported later revisions of the document, namely Deliverable 4.6 Second Version of Business Plan of the SMART4ALL Thematic Areas and Deliverable 4.7 Final Version of Business Plan of the SMART4ALL Thematic Areas.