	EuroCPS	EuroCPS Deliverable D5.4.a
	644090	Work package WP5

UROPEAN COMMISSION – HORIZON 2020



Deliverable D5.4.a
WP5
Questionnaire results

Contract Number:	644090
Project Acronym:	EuroCPS
Project Title:	“European Network of competencies and platforms for Enabling SME from any sector building Innovative CPS products to sustain demand for European manufacturing”

Document Identifier:	EuroCPS_D5.4a_V1.docx
Status:	Draft (choose between Draft and Final)


Title of Document:	Deliverable D5.4.a
Dissemination Level:	PU

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Created on:	September 17, 2015
Last update:	September 30, 2015

Dissemination level: restricted within EuroCPS (CO)

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Abstract

This deliverable describes the process put in place in the project to organize a survey after each call. The purpose of this survey is to gather information covering the different phases of the call from the publication up to the announcement of the results.

In this report, the industrial experiment launching of the selected projects from the 1st call is not covered due to the EuroCPS project schedule. It will be addressed in the next survey planned with the next calls.



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1. Introduction

1.1 Objectives

The WP5 (*Dissemination and exploitation*) is dedicated to the dissemination and exploitations activities of the project (Fig. 1). The objective is to ensure a large communication covering about the project and successful initiatives, through participation to conferences, seminars and forums.


Works to be carried out in this work package include:

- Dissemination of technical information to the whole community of researchers
- Actions aimed at raising awareness and promotion of EuroCPS results and network
- Software and reference design distribution
- Development of exploitation plan

In order to achieve the ambitious objectives of EuroCPS it is very important to monitor carefully the process related to the calls for Industrial experiments (IE). It is then important to collect as much as possible information from applicants to IE from their first exposure to EuroCPS up to the start of their project once it has been accepted. To do so a questionnaire has been put in place with the objective to capture the feedback from the applicants. The questionnaire will be then analysed in order to extract the strengths and more important weaknesses which will highlight the areas for improvement.

The information extracted from the questionnaire will be used to feed all the other work packages in order to improve the operation of EuroCPS regarding IE definition, submission, evaluation, and monitoring.

The areas for improvement will be then analysed and corrective actions will be put in place for the next call.

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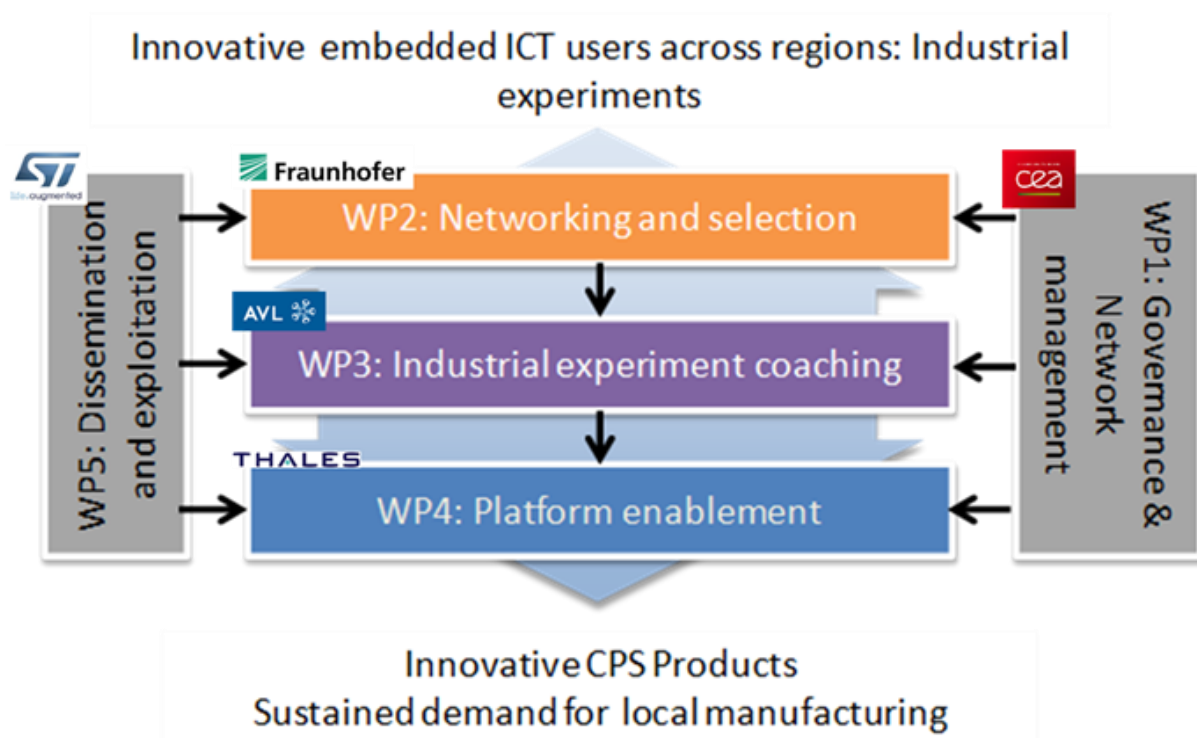


Fig. 1: Diagram representing the WP relationships and how they inter-relate

1.2 General description


At the beginning of EuroCPS, it was planned a single questionnaire to be delivered at M6.. In order to improve the support which could be given to the applicants of IE and to take into account the innovative structure of EuroCPS, it was proposed and decided to have 3 questionnaires linked to each call.

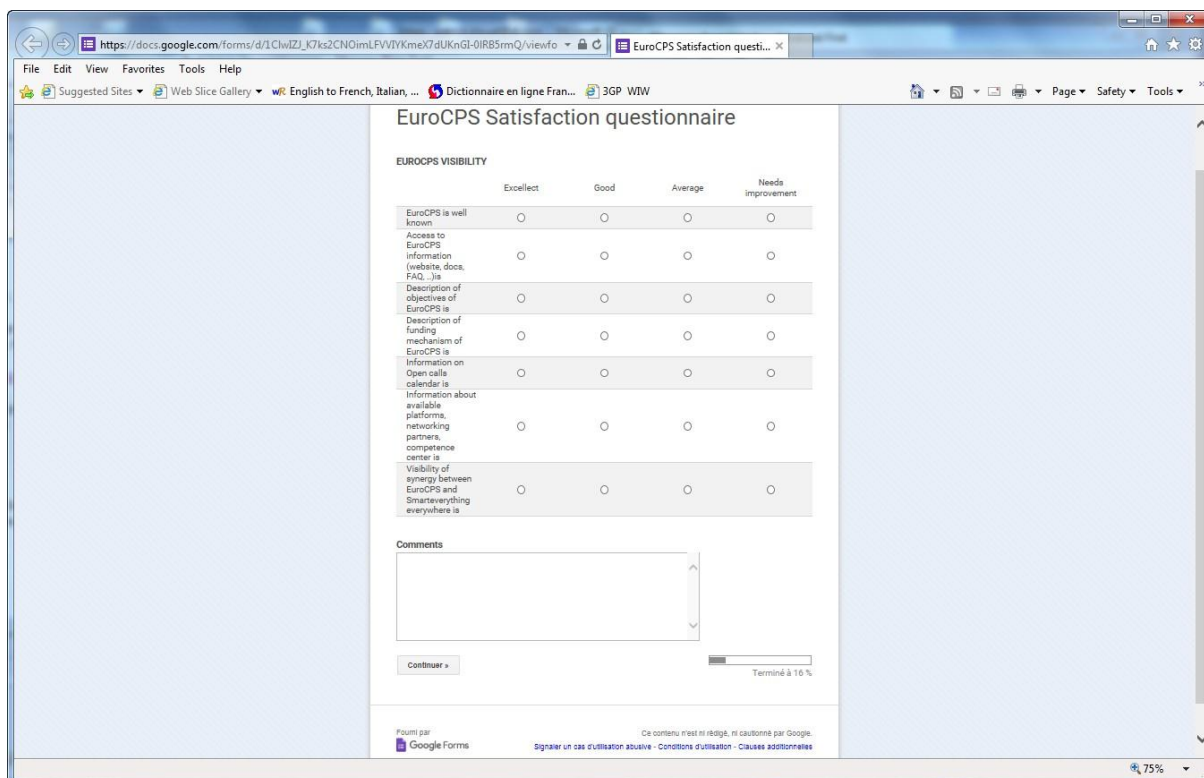
Except for D5.4.a, each questionnaires should capture all the information from call announcement to the contractual phase of the selected IE. For D5.4.a, the questionnaire results have been analysed before the completion of the experiment launching.

2. State of the Art

The survey procedure within EuroCPS is based on the following state of the art methods:

- Usage of web portal as survey system
- Usage of Google Form for implementation

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EuroCPS Satisfaction questionnaire

EUROCPs VISIBILITY

	Excellent	Good	Average	Needs improvement
EuroCPS is well known	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to EuroCPS information (website, docs, FAQ, ...)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Description of objectives of EuroCPS is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Description of funding mechanism of EuroCPS is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information on Open calls calendar is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Information about available platforms, networking partners, competence center is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visibility of synergy between EuroCPS and Smarteverything everywhere is	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments

Terminé à 16 %

Fourni par Google Forms

Ce contenu n'est ni rédigé, ni cautionné par Google. Signaler un cas d'utilisation abusive - Conditions d'utilisation - Clauses additionnelles

Fig. 2: Screenshot of questionnaire website

3. Results and Analysis

Annex 1 depicts the synopsis of the survey and the questions.

Annex 2 shows the questionnaire results.

3.1 EuroCPS visibility

This chapter is dedicated to the visibility of EuroCPS and the easiness to enter in the project framework.


Globally, visibility and access to information related is good once EuroCPS has been identified.

Proposed Improvements

- The communication that will be made on the results of the first call in addition to the dissemination action which will take place during the second year of the project will help to enlarge the visibility of EuroCPS.

3.2 Networking partner information

This item is globally satisfactory as applicants understood the role and added value of networking partners.

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3.3 Platform information

The results highlight that even though the information is available, it is not easy for applicants to get access to it or at least to find the entry point to the information. In order to improve this aspect, some improvements have been considered and are being put in place.

Proposed improvements

- Increase the level of documentation on the different platforms on EuroCPS website.
- Identify a contact point for each platform provider who could be the entry point for getting information.
- Increase platform awareness for the networking partners.

3.4 Competence center information

This item is satisfactory. Effort will be made to keep it at the same level of satisfaction for the next calls.

3.5 IE Specifications

Within the EuroCPS project, three kinds of Industrial experiments are considered:

1. SW intensive project:
2. System integration project:
3. CPS with innovative components project:

The results show a homogeneous project breakdown between the different types of experimentation.

The main improvement needs to happen on the selection of platforms. Indeed, 2 platforms have not been chosen by applicants (Infineon) or not selected by reviewers (Silicon).

Proposed improvements

- Increase visibility of non-selected platform in the EuroCPS eco-system and with networking partners.
- Enlarge panel of reviewers to make sure all competencies are covered regarding the type of platform proposed.
- Precise to the reviewers that Silicon platform-based projects cannot have the maturity and impact than SW intensive and System integration projects relying on existing modules.


3.6 Proposal submission

Globally this item is well perceived and will have to be kept at this level in the subsequent calls.

3.7 Survey schedule and responsiveness

As usual in this type of survey it is very difficult to incentive people to answer the questionnaire. In order to improve the return rate:

- SME willing to apply to EuroCPS grant will have to fill out the questionnaire before submitting their proposal.

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- Selected SMEs will have to fill out a second part of the questionnaire covering the evaluation process, notification and also administrative setup of the IE when signing the standard agreement (This second part is not covered in D5.4.a).
- Selected SMEs will have to fill out a third part of the questionnaire covering project management and monitoring at the final project review (This third part is not covered in D5.4.a).

The delivery dates of D5.4.x are reminded in Fig. 3.

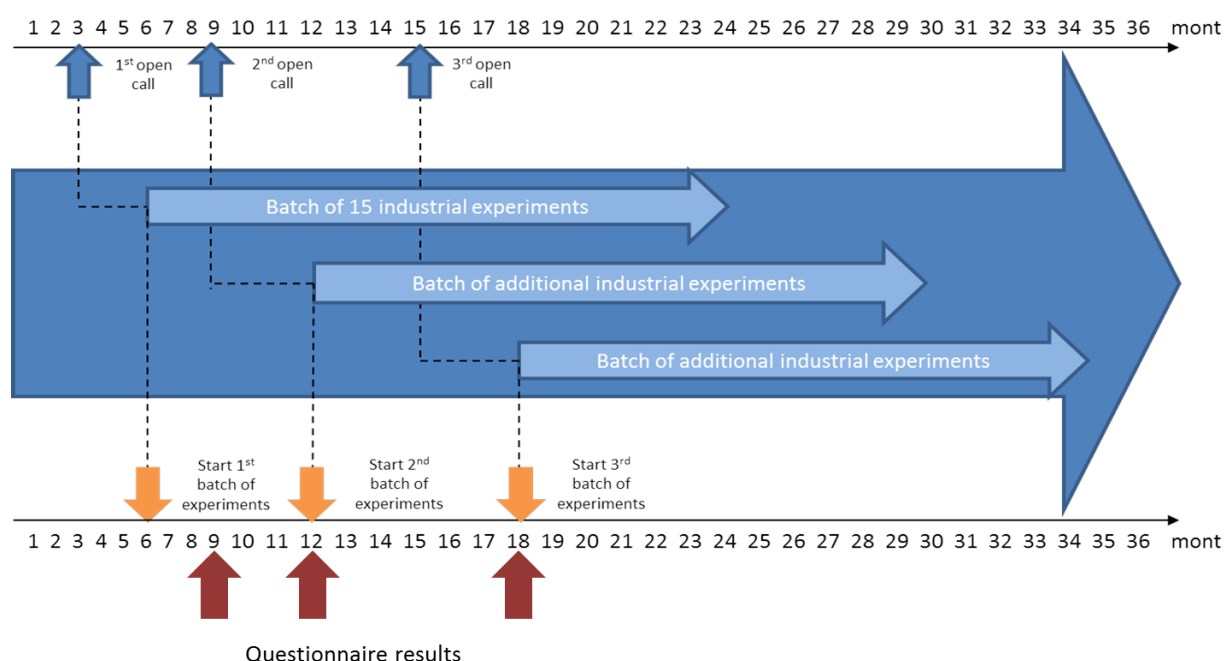


Fig. 3: Diagram representing the timing of the different calls and the poisoning of the questionnaire

4. Summary and Conclusion


The industrial selection procedure was implemented at the very beginning of the EuroCPS project to be used for all of three planned open calls. Thereby, a consistent and reasonable evaluation can be performed for every open call.

All evaluation and scoring procedures are in line with the European Commission.

The first survey has been useful to evaluate the strength and the points to improve on EuroCPS communication kit; mainly to enhance the description of the EuroCPS platforms.

The next surveys will bring new data on the IE project administrative setup and management.

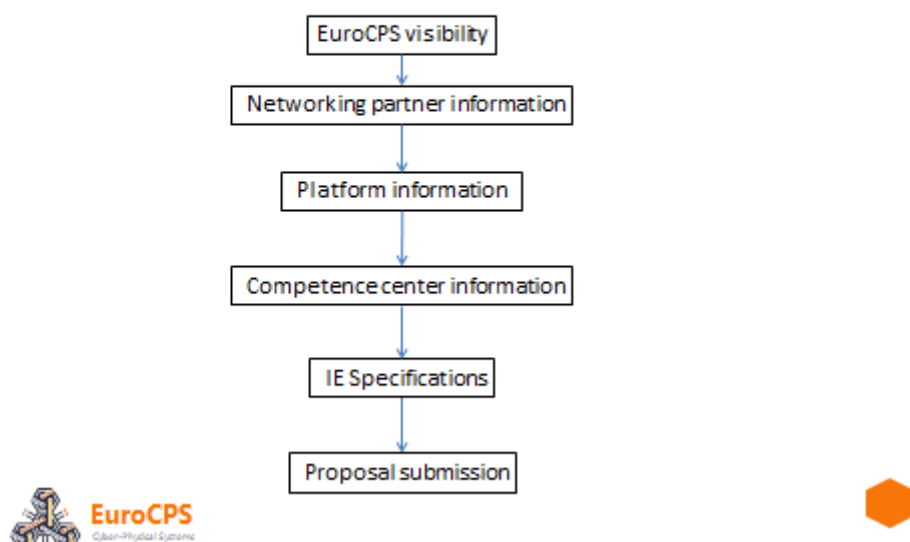
Finally, the results show that 80% of the IE applications rely on a requested budget higher than 75k€, which is above the expected average budget. Thus, during the Grenoble management meeting, it was decided to target a total of 30 IE in order to raise the possible average budget per IE. Also, 58% of them asked for a pre-funding of 25% to be able to start their IE. Therefore, the IE budget will be distribute as following: 25% of pre-funding, 15% at the end of the project and 60% along the project. Regarding the duration of the IE, 12 months appears to be the most adequate for such projects.

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5. Annex 1

A 1.2 Questionnaire

Survey diagram



EUROCPS VISIBILITY

EuroCPS is well known ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Access to EuroCPS information(website, docs, ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

FAQ, ...is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Description of objectives of EuroCPS is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Description of funding mechanism of EuroCPS ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Information on Open calls calendar is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Information about available platforms, ☐ Excellent ☐ Good ☐ Average ☐ Need improvement


networking partners, competence center is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Visibility of synergy between EuroCPS and ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Smarteverything everywhere is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Comments

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NETWORKING PARTNER INFORMATION

- Role definition of networking partner is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Access to networking partner is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Support from networking partner is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Comments

Free text area (limited in number of character?)



PLATFORM INFORMATION

- Available platforms are clearly referenced ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Platform documentation is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Technical information on platforms is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Support on platforms is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement


Comments

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COMPETENCE CENTER INFORMATION

- Available competence center are clearly referenced ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Competence expertise information is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Interaction with competence center is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

Comments


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IE SPECIFICATIONS

- Type of experiment ☐ SW intensive project ☐ System integration project ☐ CPS with innovative components project
- Platform selected
- IE budget (in KEuros) ☐ <50 ☐ 50 - 75 ☐ 75-100 ☐ >100
- IE Duration (in months) ☐ <3 ☐ 3-6 ☐ 6-12 ☐ > 12
- IE subcontracting ☐ Yes ☐ No
- IE subcontracting budget (% of overall budget) ☐ <5% ☐ 5-10% ☐ 10-15%
- Pre funding (% of overall budget) ☐ <5% ☐ 5-10% ☐ 10-15% ☐ 15-25%
- Networking partner
- Competence partner
- Comments



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PROPOSAL SUBMISSION

- Application documents are easily accessible ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Registration to the web site is ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Template for proposal is well adapted and clear ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Financial annex to provide is well adapted and clear ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Guidelines are helpful and clear ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Evaluation criterion are clear and well explained ☐ Excellent ☐ Good ☐ Average ☐ Need improvement
- Website technical support ☐ Excellent ☐ Good ☐ Average ☐ Need improvement

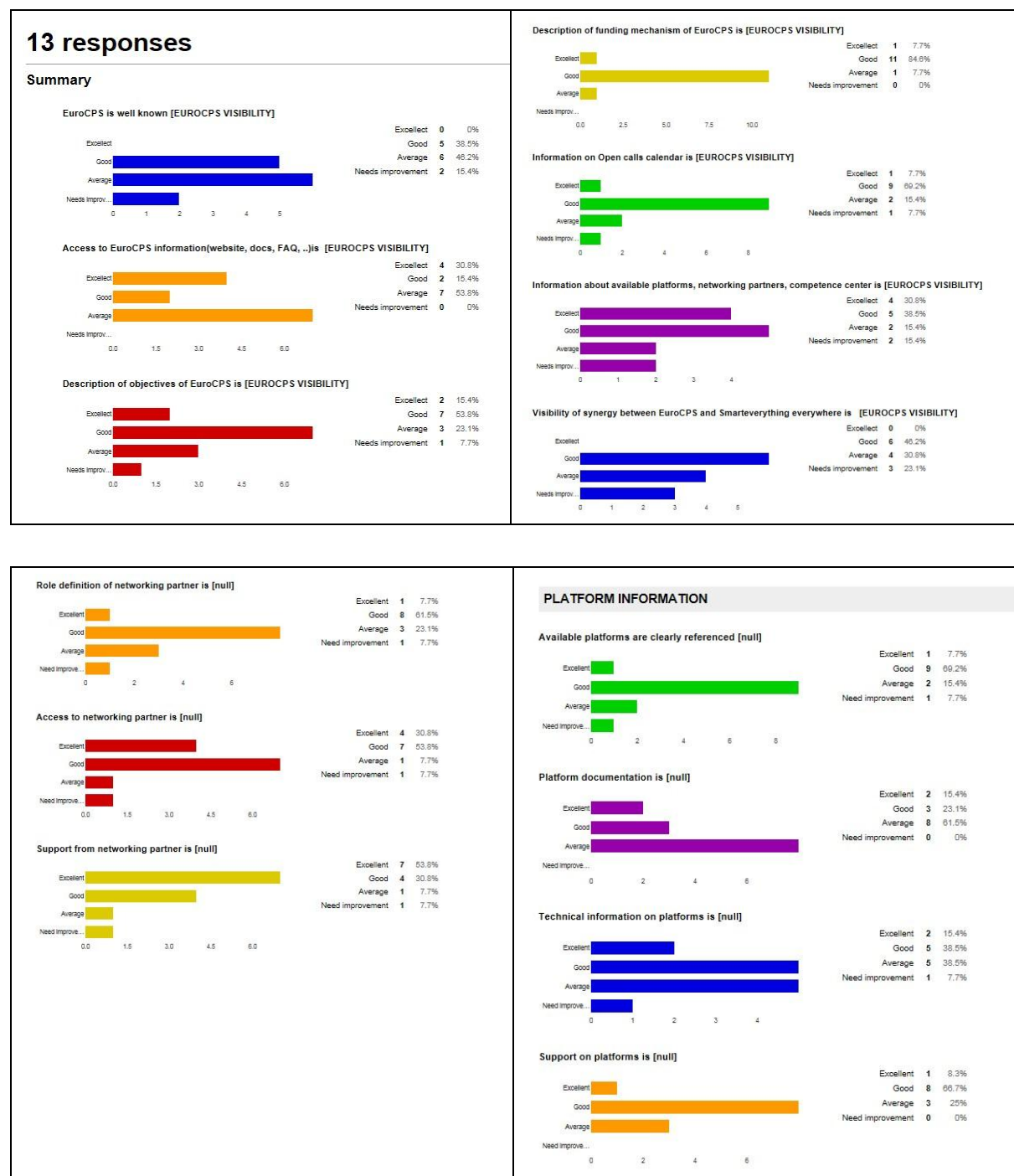
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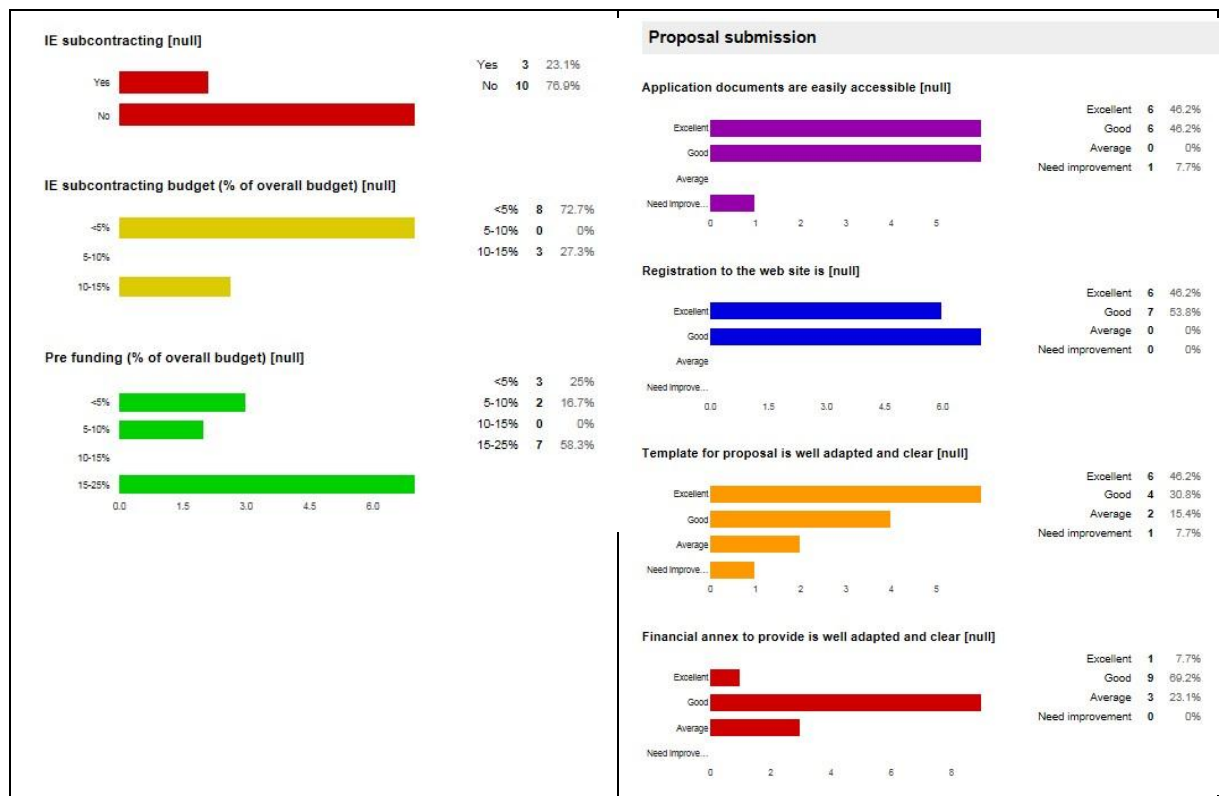
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6. Annex 2

A 1.2 Full results





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