



Project number: 826276

CPS4EU

Cyber Physical Systems for Europe

**D10.19 - Industrial information,
Coaching, Training v2**

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Dissemination level: Public

Version	Date	Author (name – company)	Comments
V2.0	20/01/2021	JESSICA France	1 st version
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1. INTRODUCTION

JESSICA France, through the CAP'TRONIC program, is in charge of the task 10.4: promote the project results and best practices to SMEs in different sectors.

To achieve this objective, you will find below an action plan that will be implemented from M12 to M36.

2. FIRST ACTION: COLLECT CONTENT TO BUILD THE MESSAGE

2.1. Objective

Extract the main challenges and solutions provided by relevant CPS use cases.

2.2. Prerequisites

This extraction presupposes the availability of a large amount of information on problems and solutions developed in CPS4EU use cases.

2.3. Approach

1. Prepare an Excel spreadsheet shared on Pydio to collect relevant contents (Context and problematics, Solutions and action plans (road map), anticipated earnings and achieved outcomes).
 - The Excel sheet has been improved following the test entry of 3 uses cases by Valeo.
 - Following this test, the Excel sheet has been modified to make it easier to understand and fill it in. See below the new Excel sheet contents :

Use Case #	Use Case name	Partner's name	Partner's contact (email address if further info is needed)	Use Case short description	Context and functional problematics , stakes	High level operational problematics	Detailed operational	Link with standard	Solutions and action plans (road map)	Anticipated earnings	Achieved outcome	What message would you like to share ?	Link to referent document
1													
...													

2. Ask concerned partners to fill in the spreadsheet and collect contributions.
3. In addition, to complete this information gathering :
 - we participate as active member to the French sector strategic committee « CSF Electronic Industry » which represent the companies, SMEs and laboratories working on the topic of embedded AI (in connection with sensors for CPS) in France,
 - we participated to a webinar of STMicroelectronics : IA & sensors/imagers,
 - we participated also to the restitution of the CPS market study led by the French DGE and Embedded France. This study in French is available under the reference 'Les dossiers de la DGE, Rapport cartographie des systems cyber-physiques, Octobre 2020'.

2.4. Deadlines

We plan to share the Excel sheet with all partners in April 2021. Then, we will collect the information until June 2021.

2.5. Expected results

A summary, presented in a table, of the problems and solutions developed in CPS4EU.

This summary will be the start of the construction of a methodology to support the consulting interventions of CAP'TRONIC engineers.

3. SECOND ACTION: EXTRACT THE MESSAGE TO BE DELIVERED AND IDENTIFY HOW TO DELIVER IT TO SMES

3.1. Objective

- Have a message that can be disseminated to SMEs (advice, seminars).
- Identify interlocutors to speak to (seminar, expertise).
- Have a list of events for promotion (seminars).
- Construction of a methodology to support the consulting interventions of CAP'TRONIC engineers.

3.2. Prerequisites

Results from the first action: a summary, presented in a table, of the problems and solutions developed in CPS4EU.

3.3. Approach

- Identify how to deliver the message to SMEs. To shape this message and choose the appropriate communication media (website, social networks, ppt presentations...).
- Write a promotional document that succinctly explains:
 - What is a CPS and what value does it bring (examples "high functional level")?
 - The issues to be solved illustrated with examples (automotive, energy...).
 - What are the solutions to answer them?
 - What results are expected (or obtained with examples if available)?
- Identify the interlocutors (the main ones and the solution providers) to be involved.
- Plan upcoming events for promotion (seminars).

3.4. Deadlines

From M12 to M36.

3.5. Expected results

- A promotional document on CPS in an attractive form for SMEs
- A schedule of seminars in which to speak about CPS.

4. THIRD ACTION: DISSEMINATION

4.1. Objective

Disseminate the message to SMEs.

4.2. Prerequisites

Results from first and second actions.

4.3. Approach

To promote the project results and best-practices, contributors will use:

- Seminars (JESSICA FRANCE, CEA)
 - As much as possible contributors will provide the number of participating SMEs, start-ups and research organizations. For some of the seminars, it will be difficult to distinguish the SMEs from the rest of the attendees. The targeted audience and the number of attendees will then be mentioned.
 - To do this, the seminars will be listed in a shared file "CPS4EU_Dissemination_Publications_Conferences_dashboard.xlsx"
- SME documents or videos (SPINSPLIT, JESSICA FRANCE, CEA)
 - Presentation documents or videos for SMEs, start-ups and research organizations to promote the CPS4EU project and technologies.
- Advice (JESSICA FRANCE)
 - JESSICA FRANCE will give advices (through consulting engineer) to SMEs on the integration of the CPS and will provide a number of advised SMEs.

4.4. Deadlines

- From M13 to M18: to list all coming events (to start to speak about the project).
- From M19 to M36: to list all coming events (to disseminate and promote the results and best practices).

4.5. Expected results

This task will contribute to the "Industrial Dissemination" KPI-4.2: Make at least 800 SMEs from all over Europe aware of the CPS technology developed in CPS4EU.

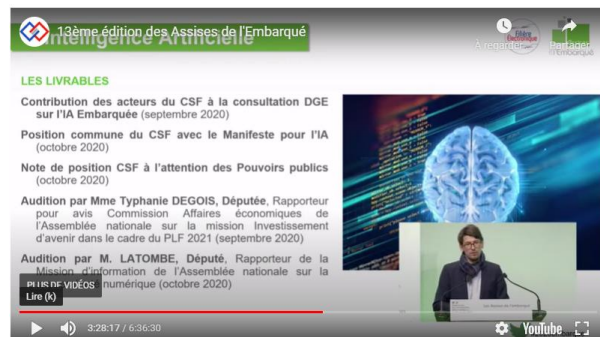
5. FIRST RESULTS

Three seminars have already occurred. The total number of attendees reached through the seminars is 1296 persons.

The pictures below illustrate the event 'Assises de l'Embarqué 2020' organized by the Embedded France association on January 19 th 2021.



Replay de l'intégrale de la journée du 19 janvier 2021



Type of event	Occurred/ Foreseen	Name of event	Date	Location	Targeted audience	N. of attendees
Full day annual workshop	Occurred	Assises de l'Embarqué -2019 This year's theme : Convergence between Safety and Secured Embedded Systems : myth or reality ?	Nov-19-2019	Paris, France	SMEs, project coordinator, engineers	400
2 Full day annual workshop	Occurred	AIR-tificial Intelligence – hackathon	December 12 2019	Italy, Florence	Startup, sw developers, reseachers, engineers	400
Digital Guest Lecture	Occurred	Creating Digital Twins of Sheet-metal productions	Mai 18th, 2020	Lüneburg, Germany	Students	125
Show and showroom	Occurred	SIdO	September 3rd and 4th 2020	Lyon, France	Startup, SMEs, project coordinator, engineers	19 qualified leads
Full day annual workshop	Occurred	Assises de l'Embarqué - 2020. This year's theme : Embedded Systems at the heart of industrial systems value chain: how to keep mastering of key technologies (Artificial Intelligence, CPS, 5G, EDGE , Open Source Hardware ...) » (with Trophées de l'Embarqué)	January 18th 2021	Paris, France	SMEs, project coordinator, engineers	352 (+1 300 replay views)
Full day annual workshop	Foreseen	Assises de l'Embarqué - 2021. Theme to be determined	date in nov 2021	Paris, France	SMEs, project coordinator, engineers	400

6. CONCLUSION

This deliverable described the approach chosen for the task T10.4: promoting the project results and best practices to SMEs in different sectors, and listed the actions already undertaken so far, with a total of 1296 persons reached via seminars so far.