OCORA

Open CCS On-board Reference Architecture

Road Map

Revision history

Version	Change Description	Initial	Date of change
0.99	▪ Version for Review based on Road Map Presentation	RM	24.11.2021
1.00	Official version for OCORA Delta Release	RM	03.12.2021

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References

Reader's note: please be aware that the numbers in square brackets, e.g. [1], as per the list of referenced documents below, is used throughout this document to indicate the references to external documents. Wherever a reference to a TSI-CCS SUBSET is used, the SUBSET is referenced directly (e.g. SUBSET-026). OCORA always reference to the latest available official version of the SUBSET, unless indicated differently.

[1]   OCORA-BWS01-010 – Release Notes

[2]   OCORA-BWS01-020 – Glossary

[3]   OCORA-BWS01-030 – Question and Answers

[4]   OCORA-BWS01-040 – Feedback Form

[5]   OCORA-BWS03-010 – Introduction to OCORA

[6]   OCORA-BWS04-010 – Problem Statements

1   Introduction

1.1   Purpose of the document

The purpose of this document is to outline the OCORA planning process and provide the results, such as the foreseen OCORA Releases and the OCORA Road Map.

This document is addressed to experts in the CCS domain and to any other person, interested in the OCORA concepts for on-board CCS. The reader is invited to provide feedback to the OCORA collaboration and can, therefore, engage in shaping OCORA. Feedback to this document and to any other OCORA documentation can be given by using the feedback form [4].

If you are a railway undertaking, you may find useful information to compile tenders for OCORA compliant CCS building blocks, for tendering complete on-board CCS system, or also for on-board CCS replacements for functional upgrades or for life-cycle reasons.

If you are an organization interested in developing on-board CCS building blocks according to the OCORA standard, information provided in this document can be used as input for your development.

1.2   Applicability of the document

The document is currently considered informative. Subsequent releases of this document will be developed based on a modular and iterative approach, evolving within the progress of the OCORA collaboration.

1.3   Context of the document

This document is published as part of the OCORA Release R1, together with the documents listed in the release notes [1]. Before reading this document, it is recommended to read the Release Notes [1]. If you are interested in the context and the motivation that drives OCORA we recommend to read the Introduction to OCORA [5], and the Problem Statements [6]. The reader should also be aware of the Glossary [2] and the Question and Answers [1].

2 Planning Principles

The OCORA collaboration is based on an agile fixed release cycle. In essence, topic based workstreams are defining a Workstream Definition for each release. Workstream Definitions based on a fixed template are elaborates by each running workstream at the beginning of the release cycle. The Coreteam approves the content and ensures alignment of cross-workstream topics. At the end of the release cycle the content is firstly reviewed by the subject matter experts within the respective workstream. Secondly, the content is reviewed by the Coreteam to ensure consistency among the release before the release. Currently OCORA operates on a half yearly release cycle (July and December). New workstreams might be added by the Coreteam.

Parallel to the content focused short-term release planning, OCORA maintains a long-term road map. This roadmap is adjusted on the regular release cycles. The roadmap is maintained to align with other initiatives such as LynX4Rail, RCA, ER JU etc. In addition, it is used to visualize the development and maturity of OCORA artefacts towards the future use in Railway Undertaking's tendering for CCS Onboard equipment, both new build and refurbishments.

3 OCORA Planning Results

3.1 Short-term planning Results

This chapter provides the short-term planning results for 2022.

OCORA foresees the following releases:

- OCORA Release R2, early July 2022
- OCORA Release R3, early December 2022

In general, the operational workstreams will be continued. Depending on Europe's Rail Joint Undertaking progress first activities might be move during 2022 into the System-Pillar activities. First mover candidates are all System Architecture topics.
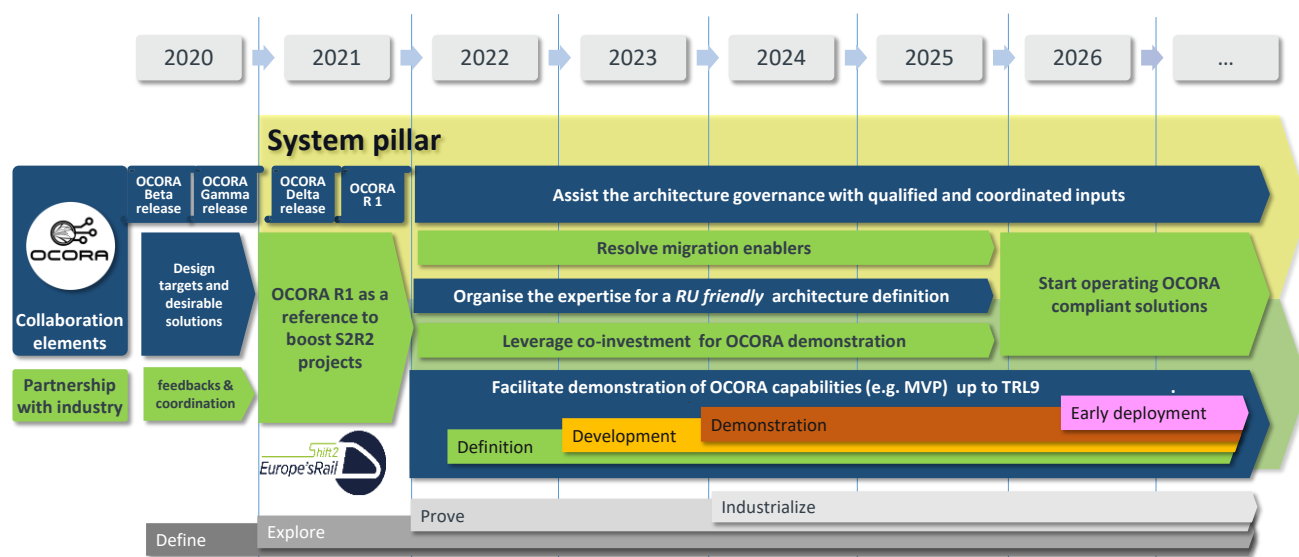
3.2 Road Map

Figure 1 - OCORA Road Map (long-term planning)