



Deliverable JIP1-4.2

Draft on Sustainability Roadmap

Workpackage 4

Responsible Partner: 9-BfR

Contributing partners: 38-SVA



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GENERAL INFORMATION

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Other contributors	SVA
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ORION SUSTAINABILITY ROADMAP (DRAFT)

Executive Summary

The ORION project aims at establishing and strengthening inter-institutional collaboration and transdisciplinary knowledge transfer in the area of surveillance data integration and interpretation, along the One Health (OH) objective of improving health and well-being. The question on how ORION project results can be made available and maintainable in the long run needs to be addressed early on in the project. For this reason, it's a task of the ORION project coordination to lead the discussion within the ORION project on the development of a realistic plan (roadmap) that promotes sustainability and that can be implemented during and after the end of the ORION project. This document (draft) of the ORION Sustainability Roadmap serves as starting point of such project internal discussions and will be updated on a regular basis. The final "ORION Sustainability Roadmap" will be created based on the results of the joint ORION Pilot evaluation workshop to be held in M33. The final document generated by M36 will give recommendations on how the "ORION OH surveillance data harmonization framework" with all its components should be consolidated by EJP partners and European veterinary and public health agencies in the future. It will also contribute to the EJP Work Package 7 "Sustainability" aiming at the identification of operational means to sustain long-term research and innovation beyond the duration of the OHEJP.

1. Introduction

For the Integrative Action project ORION the sustainability challenge is relevant in all WPs and almost all tasks. For this reason, it has been assigned as a specific task to the ORION project coordination to coordinate efforts related to the sustainability of project results, whether conceptual, legal or technical. Budget has been planned for legal and technical consultation by SVA in order to enable –where needed - informed decisions on potential solutions to sustainability issues. The process of developing an "ORION Sustainability Roadmap" started in year 1 of the project and resulted in a first roadmap draft in month 18. Over the remaining course of the project this initial draft will be continuously detailed and improved with support from all ORION WPs. Finally, the joint ORION Pilot evaluation workshop planned for M33 will be used to integrate results, feedback and end-user comments from the various ORION pilot studies. These pilot studies support the operationalization and implementation of ORION results and solutions on a national level and provide crucial feedback for developments still to be accomplished. It is planned that the final roadmap document will give specific recommendations on how the "ORION OH surveillance data harmonization framework" with all its components can be consolidated by EJP partners and European veterinary and public health agencies in the future. This includes, in close collaboration with the overarching EJP WP5 "Science to Policy Translation" and EJP WP7 "Sustainability" strategies for knowledge transfer to responsible entities (e.g. EU reference laboratories, EFSA, ECDC) and international statutory bodies.

2. Scope

- Definition "sustainability of ORION results":
Within the ORION project we define the term "sustainability" of ORION results as "the ability to provide (access) and update (keep up-to-date) a specific ORION result after the project is concluded, and in the short and medium terms". The aspect of providing access to ORION results is solved by complying to the OH EJP guidance of adopting the FAIR principles. The



aspect of continuous update however requires dedicated commitment and resources of certain institutions, persons or active community engagement.

- Definition of ORION Sustainability Roadmap time horizon:
The ORION Sustainability Roadmap will specifically focus on the “short term” period that range from the end of the ORION project until the end of the EJP project. In addition this roadmap will provide suggestions for a “mid term” sustainability strategy that covers up to 5 years after the end of EJP, and that is aimed as input for the EJP WP7 sustainability plans.
- Definition of ORION results:
The ORION Sustainability Roadmap will describe a specific set of actions for each of the ORION project results (and those which will be generated in the remaining project duration):
 - OHS Codex (WP1)
 - OH EJP Glossary framework (WP1)
 - OHS KnowledgeHub Website (WP4)
 - NGS GitBook (WP2-NGS)
 - One Health Integration Idea and Inspiration Catalogue & recommendations on OH collaboration (WP2-Integration)
 - Inventories of surveillance systems and methods / tools & framework to describe OH surveillance systems (WP2-Epi)
 - Health Surveillance Ontology (WP3)
 - Tools for data annotation and LOD production (WP3)

3. Constraints (available sustainability instruments)

- Available resources / activities promoting sustainability
This section describes the available means that ORION partners can choose from to promote sustainability for their specific results. A detailed description will be generated here later in the ORION project (first ideas: continuous regular web meetings, publications, wiki pages, Zenodo / Github, internal funds, contact with other projects willing to continue, etc.).
- Required resources (technical, personal) per ORION result
This section describes the resources that are required to perform specific sustainability activities per ORION result. A detailed description will be generated here later in the ORION project (first ideas: cost for technical infrastructure, e.g. to host regular web meetings or web sites, cost for personal to do regular updates, etc.)

4. Roadmap

Short term (until the end of EJP)

List of actions performed by whom per ORION result (combining section 2 with section 3)
This will be provided later in the ORION project

Mid term (up to 5 years after EJP)

List of actions performed by whom per ORION result (combining section 2 with section 3)
This will be provided later in the ORION project



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