



DELIVERABLE 5.4

Methodology for STREAM-0D block V “Integration”

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¹ **Types.** **R:** Document, report (excluding the periodic and final reports); **DEM:** Demonstrator, pilot, prototype, plan designs; **DEC:** Websites, patents filing, press & media actions, videos, etc.; **OTHER:** Software, technical diagram, etc.

² **Dissemination levels.** **PU:** Public, fully open, e.g. web; **CO:** Confidential, restricted under conditions set out in Model Grant Agreement; **CI:** Classified, information as referred to in Commission Decision 2001/844/EC.

Executive Summary

This deliverable describes the methodology that must be followed to deploy the fifth building block of the STREAM-OD service “Integration in the production line”. The STREAM-OD solution consists of five main building blocks: i) Industrial requirements; ii) Reduced Order Models; iii) Online data gathering and data analysis; iv) Adaptive control and v) Integration.

The fifth block “Integration in the production line” is enabled by the results of the previous four blocks and is responsible for the integration and visualisation of the previously developed systems (Cloud Database, ROMs, Recalibration Algorithms, Data –driven Models, Optimisation Modules, Decision-Making Algorithms, Interface), as well as their offline & online testing prior to the final testing and demonstration.