



## DELIVERABLE 4.1

### Decision-making algorithms based on data-based models

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**Project acronym:** STREAM-OD

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**Project coordinator:** INSTITUTO TECNOLÓGICO DE ARAGÓN

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## Document Information

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<b>Involved beneficiaries</b>	<b>CET, STAM, ITA, SP, FERSA</b>
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<sup>1</sup> **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.

<sup>2</sup> **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 summarizes the outcome of STREAM-OD Task 4.1 and is related to the development of Data Driven Models (DDMs) and their corresponding performance in detecting and preventing defects during production. Due to production issues and the installation of the reaction disc test rig, ZF has not been able to provide sets of data, including reaction disc characteristics, which are needed to develop the DDMs for the booster application. The current state of ZF's DDMs is the one reported in Deliverable 3.2. The DDM for the ZF application will be further developed as soon as the respective data become available and it will be reported in a later deliverable. CETRI has developed and reported the DDM for the SP use case and ITAINNOVA has developed and reported the DDMs for the FERSA use case. STAM as WP leader has supervised the deliverable.