

DELIVERABLE 6.2

Assessment report in the production line for car door seals

Grant Agreement number: 723082

Project acronym: STREAM-0D

Project title: Simulation in Real Time for Manufacturing with Zero Defects

Project coordinator: INSTITUTO TECNOLÓGICO DE ARAGÓN

Call: H2020-FOF-2016

Topic FOF-03-2016: Zero-defect Strategies at System Level for Multi-stage Manufacturing in

Production Lines

Project start date: 01/10/2016

Duration: 48 months

Reporting period: From 01/04/2019 to 30/09/2020

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723082



Disclaimer

This document contains material, which is the copyright of the STREAM-OD consortium, and may not be reproduced or copied without permission. All consortium partners have agreed to the full publication of this document. The commercial use of any information contained in this document may require a license from the proprietor of that information. The reproduction of this document or of parts of it requires an agreement with the proprietor of that information. The document must be referenced if used in a publication.

© 2016 - 2020 STREAM-0D Consortium

Partners

| No. | Name | Short name | Country |
|-----|---|------------|---------|
| 1 | INSTITUTO TECNOLÓGICO DE ARAGÓN | ITAINNOVA | Spain |
| 2 | FERSA BEARINGS | FERSA | Spain |
| 3 | ZF TRW – LUCAS VARITY GmBH | TRW | Germany |
| 4 | STANDARD PROFIL | SP | Spain |
| 5 | LABORATORY FOR MANUFACTURING SYSTEMS AND AUTOMATION | LMS | Greece |
| 6 | ECOLE CENTRAL NANTES | ECN | France |
| 7 | INTEGRATED ENVIRONMENTAL SOLUTIONS LIMITED | IES | UK |
| 8 | STAMTECH SRL | STAM | Italy |
| 9 | DAY ONE SRL | DAY-ONME | Italy |
| 10 | CENTER FOR TECHNOLOGY RESEARCH AND INNOVATION LTD | CETRI | Cyprus |



Document Information

| Project | STREAM-0D | |
|----------------------------------|---|--|
| Work Package | 6 | |
| Deliverable n. | 6.2 | |
| Version | 1 | |
| Title | Assessment report in the production line for car door seals | |
| Responsible beneficiary | SP | |
| Involved beneficiaries | ITAINNOVA, SP, DAYONE | |
| Type ¹ | R | |
| Dissemination level ² | СО | |
| Due delivery date | 30-9-2020 | |
| Actual submission date | 30-9-2020 | |

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 impact of the implementation of the STREAM-OD pilot in one of SP's production lines. The current status of SP's production line as a consequence of the implementation of STREAM-OD is widely described by means of data from the demo manufacturing, a summary of improvements, and a demo video .

Finally, with the aim of showing and analysing the impact of the project on SP's case, the updated business case after the implementation of STREAM-0D is also shown. The updated figures clearly show a positive impact of all the actions implemented in STREAM-0D.