



Introduction to ETALON

Final Event

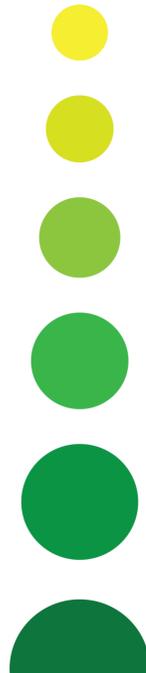


Grant Agreement
Number: 777576



Agenda

Subtitle



09:30 - 10:00	<i>Registrations</i>
10:00 - 10:10	Welcome by Lea Paties, Project Officer (Shift2Rail JU)
10:10 - 10:40	Introduction to ETALON, J. Bertolin (UNIFE)
10:40 - 11:00	ETALON Project technical presentation, D. Trentini (SIRTI)
11:00 - 11:30	Economic Analysis, M. Ferraris (Links)
11:30 - 12:00	<i>Coffee Break</i>
12:00 - 12:30	Communication Solutions, F. Sottile (LINKS)
12:30 - 13:00	Energy Harvesting Solutions, D. Vincent (PERPETUUM)
13:00 - 13:15	Q&A
13:15 - 14:15	<i>Lunch</i>



13:15 - 14:15	<i>Lunch</i>
14:15 - 14:45	Testing and Validation of the Proposed Solutions, S. Eleftheriou (ERGOSE)
14:45 - 15:15	Project Conclusions and Results. D. Trentini (SIRTI)
15:15 - 15:45	Q&A
15:45 - 16:00	Closing Remarks, Jose Bertolin (UNIFE), Lea Paties (Shift2Rail)
16:00	<i>END</i>



ETALON IN A NUTSHELL



Budget: **1,699,998.75€**



Partners: **9**



Duration: **30 months**



Starting date: **Sep 17**



End date: **Feb 20**



MAIN OBJECTIVES

1

Identify, Adapt and Validate Effective Solution for on-board Train Integrity radio communication system

2

Identify, Adapt and Validate Effective energy generation solution for feeding on-board Train Integrity System

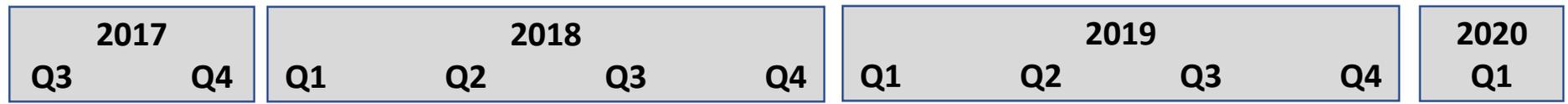
3

Identify the most suitable energy harvesting solution for new trackside Objects Controllers. (Technical/ economical)

4

Demonstrate the efficiency of propose energy harvesting solutions for trackside Object Controllers, ensuring appropriate safety considerations





WP1-Project Management



WP2-System Architectures, Specifications and Technical Coherence



WP3-Communication Solutions



WP4-Energy Harvesting Solutions



WP5-Prototype Development, Validation and Testing of the Proposed Solutions



WP6-Economic Model



WP7-Outreach and Networking



ETALON comply with GA from a Technical and Financial point of view



**Finalized on time in line with
GA**



**20 up to 20 deliverables
submitted**



No extra costs claimed



Strong collaboration with X2Rail2 (T.D2.5) and X2Rail1 (T.D 2.10) was established since the very beginning

- **Collaboration Agreement meeting**
- **Interchange relevant Technical Notes**
- **Regular conference call to monitor the collaboration**
- **Mid-Term meetings to discuss preliminary results**
- **Final meeting – OTI communication system demonstration final results**



Thank you for your attention

