



# SMaRT



**Sand Mitigation around Railway Tracks**

[www.smart-eid.eu](http://www.smart-eid.eu)

a H2020 / MSCA / ITN / EID project

## Network meeting

Optiflow Company

160, chemin de la Madrague-Ville

Marseille - France

20<sup>th</sup> October, 2017



Oxford University, UK



Politecnico di Torino, IT



OptiFlow Company, FR

**Ansaldo STS**  
A Hitachi Group Company

Ansaldo STS S.p.A.



Astaldi S.p.A.



Reco – Slacef Group



Marie Skłodowska-Curie Action - Innovative Training Networks - European Industrial Doctorate  
**Sand Mitigation around Railways Tracks - SMaRT**  
**Network meeting**

**20 October 2017**

Optiflow Company - 160, chemin de la Madrague-Ville - Marseille - France

## Agenda

- 09:00 – 09:15** **Handshaking, welcome and opening remarks:** *focused on science, addressed to design applications, with a view to deliverables*  
[L. Bruno, Scientific coordinator]
- 09:15 – 10:00** **SMaRT Work Package WP3 SMM field evaluation and testing – ESR3 Individual Research Project**  
Presentation of the state-of-art, proposal of 3-yrs activity plan, focus on first 1.5 yrs (up to Feb. 2019) to be prepared and presented by:  
C. Nash, ESR 3  
G. Wiggs - Oxford University, Tutor  
N. Coste - Optiflow Company, Co-tutor  
also with L. Raffaele - Politecnico di Torino – PhD (probabilistic sand constitutive laws)
- 10:00 – 10.15** *Coffee break*
- 10:15 – 12:00** **Brainstorming on WP3.** Food for thoughts from previous presentation.
- 12:00 – 13.00** *Lunch break*
- 13.00 – 13.30** **SMaRT Work Package WP2 Mathematical modelling and computational methods for WbS models and CWbS simulations – ESR2 Individual Research Project**  
Presentation of the state-of-art, proposal of 3-yrs activity plan, focus on first 1.5 yrs (up to Feb. 2019) to be prepared and presented by:  
R. Nuca, ESR 2  
N. Coste - Optiflow Company, Tutor  
L. Preziosi – Politecnico di Torino, Co-Tutor  
also with A. Lo Giudice – PhD – Optiflow Company (ETD-A model)
- 13.30 – 15.00** **Brainstorming on WP2.** Food for thoughts from previous presentation.
- 15:00 – 15.15** *Coffee break*
- 15:15 – 15.45** **SMaRT Work Package WP1 CWE simulations for SMM conceptual design and performance assessment – ESR1 Individual Research Project**  
Presentation of the state-of-art, proposal of 3-yrs activity plan, focus on first 1.5 yrs (up to Feb. 2019) to be prepared and presented by:  
M. Horvat, ESR 1  
L. Bruno – Politecnico di Torino, Tutor  
S. Khris - Optiflow Company, Co-tutor  
also with L. Raffaele & A. Lo Giudice – PhDs (WT tests at VKI)
- 15.45 – 17.30** **Brainstorming on WP1.** Food for thoughts from previous presentation.



SMaRT Network meeting - From left to right: M. Horvat (ESR1), C. Nash (ESR3), R. Nuca (ESR2), G. Wiggs (Univ.Oxford), E. Delboulbé (Optiflow), S. Khris (Optiflow), L. Bruno (PoliTo), L. Preziosi (PoliTo), N. Coste (Optiflow)



SMaRT Network meeting - From left to right: L. Bruno (PoliTo), L. Raffaele (speaker, PoliTo), S. Khris (Optiflow), E. Delboulbé (Optiflow), N. Coste (Optiflow), G. Wiggs (Univ.Oxford), C. Nash (ESR3), L. Preziosi (PoliTo)