



Sand Mitigation around Railway Tracks www.smart-eid.eu

a H2020 / MSCA / ITN / EID project

Network meeting

Optiflow Company 160, chemin de la Madrague-Ville Marseille - France 20th October, 2017



Oxford University, UK



Ansaldo STS S.p.A.



Politecnico di Torino, IT



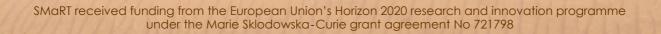
Astaldi S.p.A.



OptiFlow Company, FR



Reco – Slacef Group







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SMaRT received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Sklodowska - Curie grant agreement No 721798

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.





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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)