

Animateur: Cédric Thalmann (CH)

Vice-Animateur: Nikolai Bobylev (RU)

Tutor: Anna Lewandowska (PL)

WG-Members **present** at the meeting:

- |                       |   |        |
|-----------------------|---|--------|
| 1. Francesca Martelli | } | Italy  |
| 2. Alessandro Boscaro |   |        |
| 3. Vincenzo Perugini  |   |        |
| 4. Ono Tomonori       | } | Japan  |
| 5. Kamikoshi Toshiki  |   |        |
| 6. Kosuke Kawata      |   |        |
| 7. Mathias Jern       |   | Sweden |
| 8. Arthur Silver      |   | USA    |

WG-Members **excused** for the meeting but **without** sending a deputy....:

- |                   |        |
|-------------------|--------|
| 1. Jacques Burdin | France |
| 2. Jan Rohde      | Norway |
| 3. Donald Jonson  | Sweden |

WG-Members **missing and without** sending a deputy at the meeting...:

- |                       |          |
|-----------------------|----------|
| 1. Georg Sadowski     | Brazil   |
| 2. When Zhao          | China    |
| 3. Andres Villaneda   | Columbia |
| 4. Ashraf Abu-Krisha  | Egypt    |
| 5. Ilkka Vähäaho      | Finland  |
| 6. Evgueny Kurbatskiy | Russia   |
| 7. Harald Wagner      | Thailand |
| 8. Ebuekir Aygar      | Turkey   |

**Nation Members missing in WG15:**

- Germany
- Belgium
- Canada
- Denmark
- Spain
- Portugal
- Singapur
- Etc.

**Next possible topics**

<u>Francesca Martelli</u>	}	Italy
Alessandro Boscaro		
Vincenzo Perugini	}	Germany
<i>Markus Thewes</i>		
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**Environmental impact of soil conditioning during mechanized tunnelling with EPB machines**

- Standard procedures for soil conditioning
- Site specific risk assessment for remediation of contaminated soils
- Procedures to test the products and soil/additive mixture
- Standardization: assessment of conditioned soils during work

<u>Ono Tomonori</u>	}	Japan
Kamikoshi Toshiki		
Kosuke Kawata	}	Sweden
Mathias Jern		

**Noise and vibration related to underground works**

<u>Nikolai Bobylev</u>	Russia
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**Considering global environmental agenda in underground space planning**

## Next steps

- Table content with key words
  - Questionnaires to WG and Nation Members
  - Selection of the definitive subjects
  - Submission for approval
  - Project organisation (WG meeting)
    - Long term programme?
    - Laboratory testing, data collecting, responsibilities, etc.
    - Documentation: recommendations and/or reports or publications?
  - Start with the work execution
  - Progress report (at WTC 2020)
  - Primary or final report (at WTC 2021)
- July 19  
August 19  
September 19  
October 19  
January 20
- February 20  
May 21  
May 22