

# **TC250/SC7/EG14: Ground Improvement**

## **Progress Report No 2 for the period April-Dec 2012**

### **AGREED SCOPE OF WORK**

Review existing ground improvement techniques and their design to find common principles and rules features for inclusion on Eurocode 7.

### **KEY ISSUES UNDER DISCUSSION**

- What do we mean by Ground Improvement? (i.e. find a proper definition of G.I.)
- How should we classify G.I. techniques?
- How could we correlate G.I. design with G.I. techniques?
- Can we use conventional geotechnical models and procedures or should we consider special approaches for G.I. design?

### **DECISIONS/OUTCOMES**

- The EG 14 on Ground Improvement was created in September 2012; some members have then declined (Ken Watts) while others have later joined the group (Beata Gajewska, Iacint Manoliu).
- The first meeting of EG14 was held in October 2012 in Brussels.
- During the Brussels meeting it was agreed that the topics of Ground Improvement and Ground Reinforcement should be treated separately: the former by EG14 and the latter by EG5.
- A preliminary enquiry on the key issues was circulated by e-mail among the EG 14 Members in November/December 2012.
- This first enquiry pointed out that there are rather different opinions about the previously listed key issues; therefore no decisions can be taken for the moment since further discussion is needed. Details are provided in a separate report (EG14\_Enquiry\_Results).
- It was however proposed by the Convenor to prepare brief national reports summarizing the situation in each European Country (those represented by one or more EG14 members); such national reports should specify which are the most frequently used G.I. techniques and what are the relevant national rules, regulations or recommendations.

## MEETINGS HELD/PLANNED

Tele-meeting no.	Date held/scheduled	Available from webpage?
1	End of February (Date to be specified)	Not yet

## ACTIVE MEMBERSHIP

Name	Position*	Country	Listed on webpage?
Philippe Liausu	Member	France	Yes
Norbert Vogt	Member	Germany	Yes
Karsten Beckhaus	Member	Germany	Yes
Paolo Croce (Conv.)	Convenor	Italy	Yes
Alessandro Flora (Secr.)	Secretary	Italy	Yes
Beata Gajewska	Member	Poland	NO
Jakub Saloni	Member	Poland	Yes
Iacint Manoliu	Member	Romania	Yes
Håkan Eriksson	Member	Sweden	Yes
Onur Pekcan	Member	Turkey	Yes
Barry Slocombe	Member	UK	Yes

## REPORT PREPARED BY:

Paolo Croce

January 18<sup>th</sup> 2013