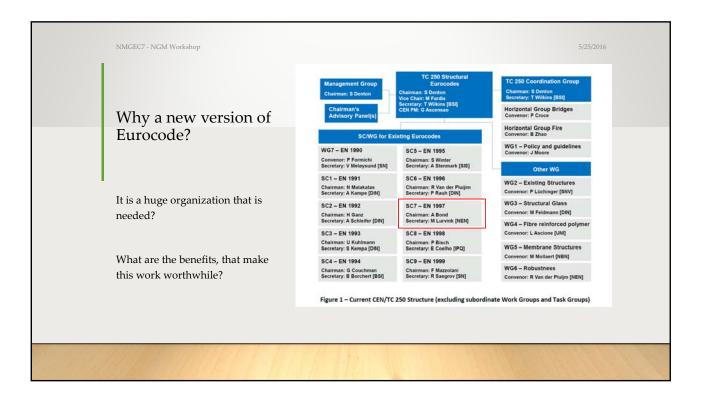
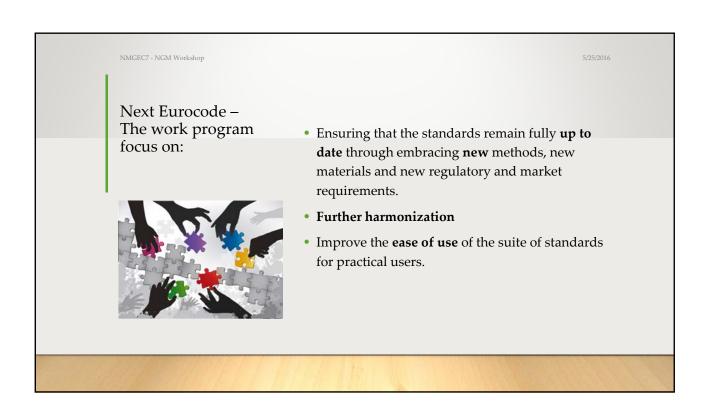




ENV 1997 one key to build the bridge across Öresund • ENV 1997 were used for the design of Öresundsbron. • A regulation that both Denmark and Sweden could accept.





NMGEC7 - NGM Workshor

Next Eurocode - Target group



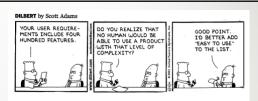
- Practitioners competent engineers
 - Defined as: Competent civil, structural and geotechnical engineers, typically qualified professionals able to work independently in relevant fields
 - Intent: To produce standards that are suitable and clear for all common design cases without demanding disproportionate levels of effort to apply them
- Practitioners Graduates
 - Intent: To produce Eurocodes that can be used by Graduates where necessary supplemented by suitable guidance document and textbooks and under the supervision of an experienced practitioner where appropriate.
- Expert specialists
 - Aim to not restrict innovation by providing freedom to experts to apply their specialist knowledge and expertise.

How to verify that you are a competent engineer?
-> Common European Ground Engineering registration?

NMGEC7 - NGM Workshop

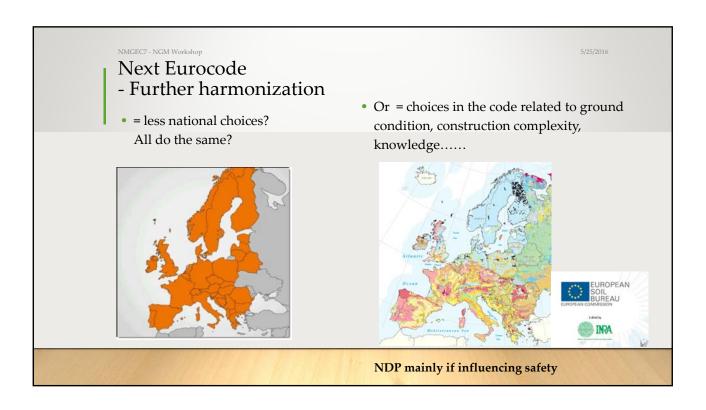
Next Eurocode - Ease-of-use

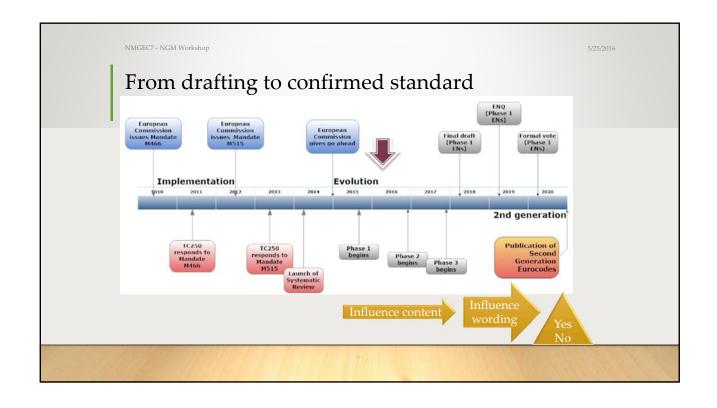
- i. improving the clarity;
- ii. simplifying routes through the Eurocodes;
- iii. limiting, where possible, the inclusion of alternative application rules;
- iv. avoiding or removing rules of little practical use in design



5/25/201

- That means for example:
 - Improving **consistency** within and between the Eurocodes
 - Including state-of the-art material the use of which is based on commonly accepted results of research and has been validated through sufficient practical experience





Why Nordic involvement?

"Political"

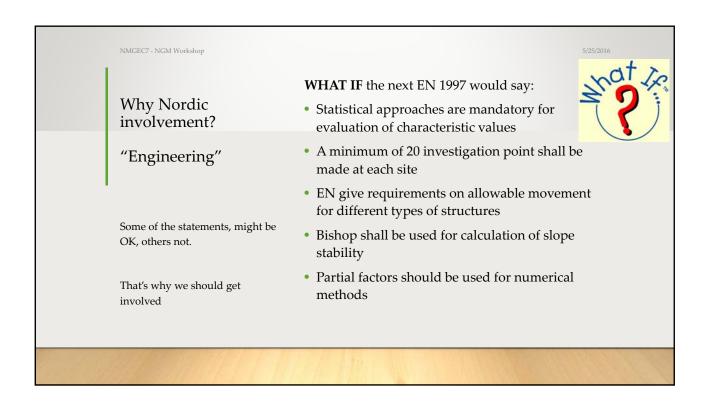
"Eliminate technical obstacles to trade"

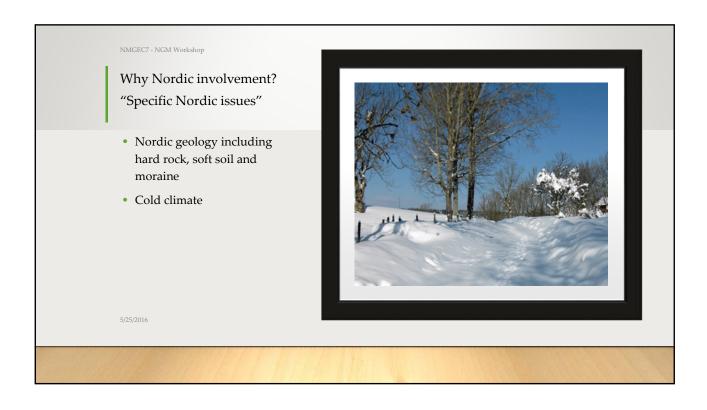
Eurocode one way to open the European market for Nordic companies

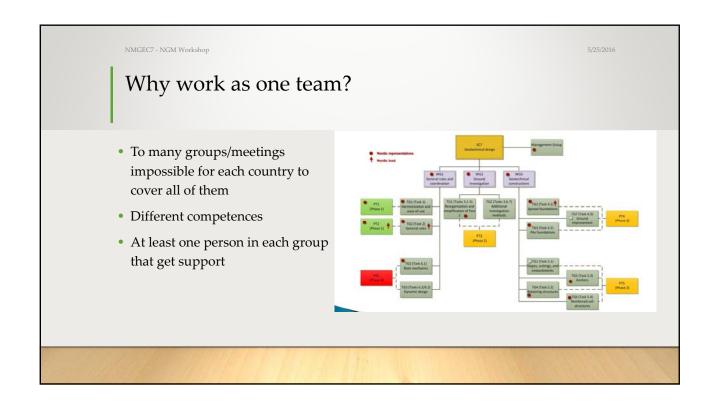
"European companies will come to the Nordic countries"

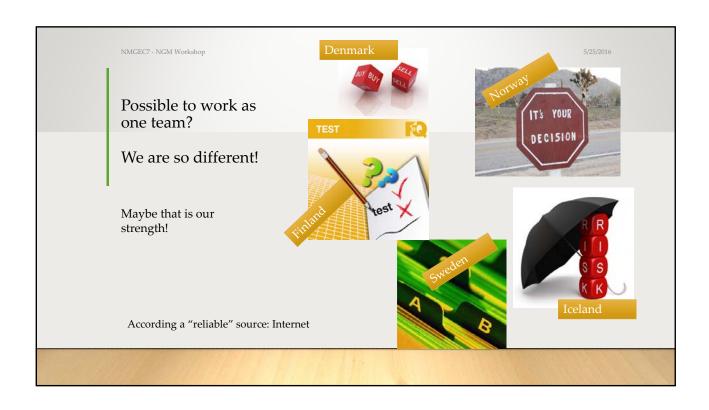
Ensure faire trade

The same "game"

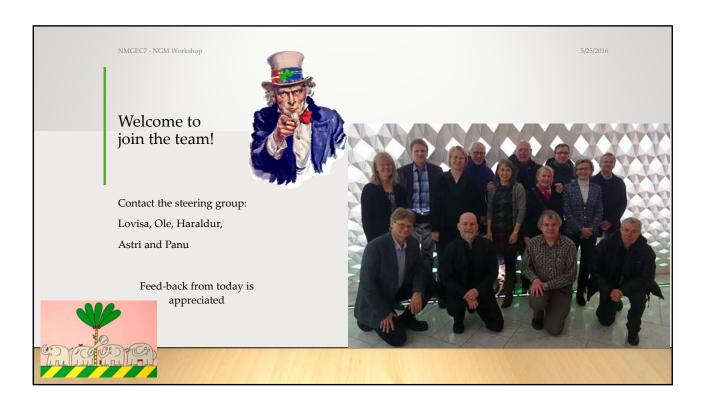












NMGEC7 - NGM Workshop Program 9:00 - 9:10Welcome to the workshop 9:10 - 9:30Why a new version of EN 1997? Why the Nordic countries should influence? G. Franzén 9:30 – 10:20 Retaining structures – common Nordic view. Presentation/discussion of example O. Möller, T. Lännsivara, F. Oset, A. Kullingsjö 10:20 - 10:40 Coffee 10:40 – 11:30 Pile design – common Nordic view. Presentation/discussion of example. O. Möller, G. Axelsson 11:30 – 12:20 Derived to characteristic to design value. Should we adjust the approach? G. Franzén, L. Korkiala Tanttu 12:20 - 13:20 Lunch 13:20 – 14:10 Design combination – philosophy. O. Möller What could we expect in next version of EN 1997 - Overview G. Franzén 14:10 - 14:30 Coffee 14:30 – 15:20 Numerical methods – possible to have one approach? A. Kullingsjö, K.Koivisto 15:20 - 15:30 Summary A. Eggen 15:30 End of workshop

