

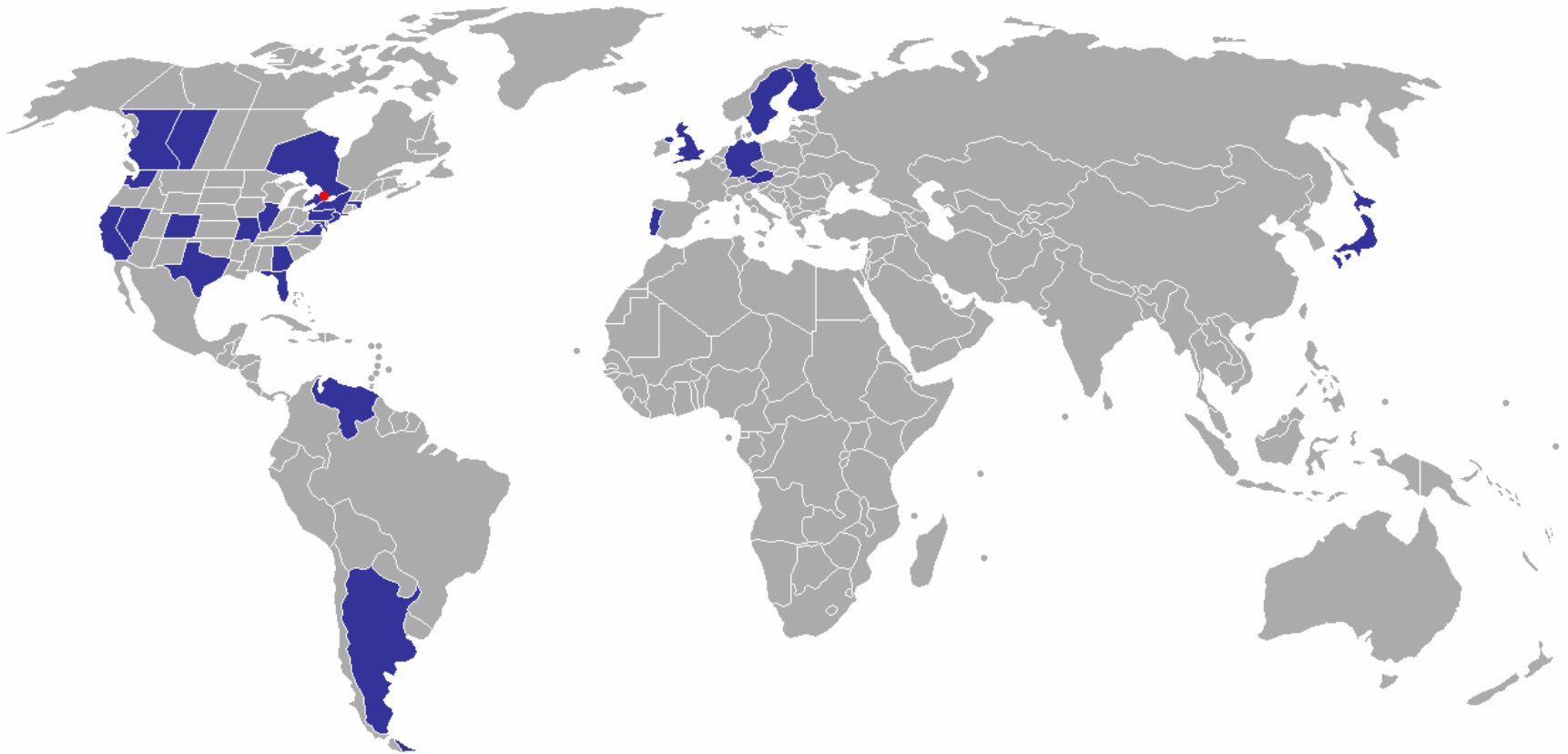
IWM – ISM 2007

IWM – ISM – future activities

based on spirit of collaboration 1997 to 2007



It's a long way to T



It's a long way to T



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It's a long way to Toronto



Spirit of International Workshops on Micropiles

- unique collaboration in order to develop micropile technology and business
- designers, contractors, suppliers and R&D centers and universities are participating ISM activities
- respective phenomena:
 - talkoo (in Finnish; working together with a community)
 - social computing



Talkoo

- working for a community or e.g neighbour (=client), no salary or charging
- normally no leadership or control by the client
- many people involved – working together for the client
- regulations, quality systems etc of the client are followed
- typically simple works as harvesting, construction works
- when a person is giving his talkoo-contribution, he is assuming that some day – when needed - he will get talkoo-help from the community again



Social computing

- Wikipedia: **Social computing** is a general term for an area of computer science that is concerned with the intersection of social behavior and computational systems.
- Blogs, email, instant messaging, social network services, wikis and other instances of what is often called social software.
- In the stronger sense of the term, social computing include collaborative filtering, online auctions, prediction markets, reputation systems, tagging, and verification games.

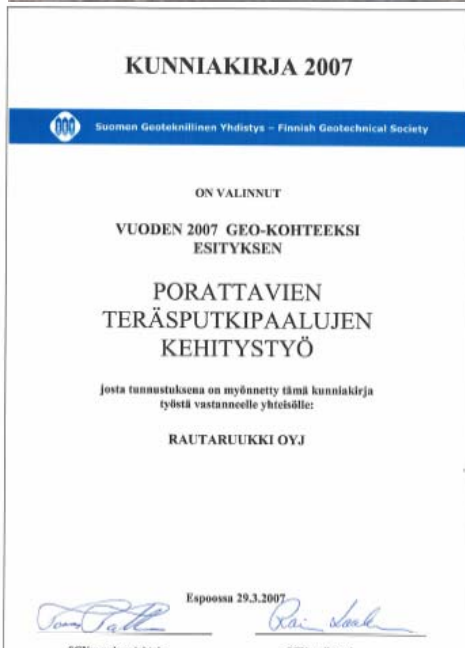


Future ISM activities

- future working in ISM will be partly type of talkoo, partly social computing and – of course – using old vehicles
- developing old vehicles
 - workshops, BondZone, literature database, MIDA load test database
 - homepage
 - discussion forum for members and visitors
 - questions on micropile technique for visitors
- creating new vehicles
 - video clips on micropile technique
 - e.g. a special membership access vs open access
 - an example shown after this presentation (and this is why we have a video camera here...)
 - picture gallery
 - weblink collection
 - dynamic user interface
 - wikis
 - Wikipedia for distributing basic information on micropiles and ISM
 - Wikiversity for education and training on micropile technology



GeoProject 2007 Competition



- The Board of the Finnish Geotechnical Society (FGS) selected Ruukki's entry "Drilled steel pipe pile development" from among several projects as the 2007 GeoProject.
- The entry in the GeoProject Competition could be anything of geotechnical significance: a building project, an R&D project, an information management system, or some other worthy project that advances geotechnical engineering. This fifth GeoProject competition was open to all projects completed after the previous competition, i.e. in 2002-2006.
- The award was granted in recognition of Ruukki's way of implementing networked development, the conversion of the results of that work into design and installation instructions for the Nordic countries, the business built up around the technology as well as numerous demanding foundation engineering projects implemented with the technology.



National guidelines for micropiles published in January 2007

- Completed accurately on schedule
- Published by the Association of Finnish Civil Engineers and Finnish Geotechnical Society
- 200+ pages in A5-size
- Scope:
 - A pile, where steel pipe or bar is main bearing element:
 - $D < 300$ mm
 - $D > 30$ mm and 60 mm for drilled and driven piles, respectively
 - Can be installed by:
 - impact driving
 - vibrating
 - drilling
 - jacking
 - Geotechnical resistance can be improved by grouting during and/or after installation.



WELCOME TO TORONTO

- on behalf of the International Society for Micropiles

