

# The Icelandic Surveyor ...and his needs

Reykjavík 26.09.2014

Gunnar H Kristinsson

National Land Survey of Iceland

# The Icelandic Surveyor

- Surveyors - with geodetic or surveying education, 10-15
- Surveyors - with experience, 20-30
- Surveyors – surveying!! 25-40



# The Icelandic Surveyor

- Available courses are mainly about equipment and software
  - Not theory
- No available university degree in surveying in Iceland
  - Engineering (construction)
  - Landinspektør (Denmark)
  - Geodetic Engineers (very few)
- No pressure to get education

# Regulations and law

- No laws nor regulations about qualification
  - Regardless of sector
    - Road construction = nothing
    - Building construction = intet
    - Cadastral surveying = nada
    - Geodetic surveying = ekkert
- No certification or licence needed
  - Only requirements we found was „experienced“



# Procedures

- No official or standard procedures
  - Building construction = none
  - Cadastral surveying = none
  - Geodetic ~~Land~~ surveying = none
- Available:
  - Guidelines for surveying with GPS (field work)
  - In draft: Guidelines for cadastral surveying (field work)
- Requirements:
  - No official accuracy requirements for cadastral points
    - Each municipality has its own requirements
    - We have cases in which „any“ technique to get coordinates is accepted
    - No boundary markers

SO.

# Any advice?

!

- We will not get away with this for long!!
- We need regulations, standards, surveyors
- But how and when?





# Food for thought

- European or international regulation
- European or international guidelines/procedures
- Special Icelandic regulation/guidelines due to
  - Plate tectonics
  - Municipalities own most of the plot of land (property)
  - Several boundaries do not have any coordinates (text description)
  - Several surveyors have no formal qualification
- Role of CLGA
- Role of national organisation
- Rules for national organisation
  - Surveyors have no formal qualification



[www.lmi.is](http://www.lmi.is)