Young Geospatial Professionals Summit

Addressing the legal and policy challenges

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Overview

1. The challenge – transforming regulations into algorithms
2. The mindset
3. “The digital natives” – a key to progress
4. Proactive addressing the legal and policy issues - examples
Mind map for the challenge

Development process

Top down

Bottoms up

Business

IT Architecture

Legal and policy

Lawful digital solution
The challenge – transforming regulations into algorithms

1. Lawful fully digital data processing requires programming of restrictions on access and use
2. Laws and policies are traditionally written for human information management
A common result of the challenge

This part of the process requires a legal assessment by a person, not a computer.

Sorry, this digital solution is not possible from a legal perspective.
The digital mindset

We know the outcome of already made assessments and the legal reasons to that.

Digitalize based on what we know and let an AI help us to do that!
The digital natives – have a digital mindset

- Digital dinosaurs
- Digital immigrants
- Digital natives

### Amount of time to reach 50 million users

- Telephone: 75 years
- Radio: 38 years
- TV: 13 years
- Internet: 4 years
- Angry birds: 35 days
- Pokemon Go: 19 days
Proactive addressing the legal and policy challenges – digital mindset

- **Recruitment**: has digital skill
- **Cooperation**: understands and learns digital skill
- **Coaching**: keeps and develops the digital skill
Proactive addressing the legal and policy issues - examples

Engaging professionals interested to combine their digital skill within the geospatial community

Raise the digital maturity in the geospatial community

- Innovation day
- Minecraft
- LM-Watson
- Geo school
The power of understanding “digital”

The power of geospatial thinking

The power of innovation leading to a better world where no one is left behind