“Horizon 2030 - Visions and Challenges in GI“

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What are your (as national GI association/company/NGO) main challenges at the moment

- Government Policy
  - New National GIS, Mapping Authority (from 1st of April, 2019)
  - Acceleration of Digital Transformation (BIM, Cadaster, Utilities, Smart Cities)
  - Strong Support of Artificial Intelligence Technologies
  - Autonomous Drive, 5G
- Education Challenges
  - Big industrial pressure for the academia: only practical knowledge
  - Balancing: How to Do? Why to Do?
- Disruptive technologies
  - Save the traditional profession or Jump to the future?
What would be the main priorities of your organisation in the future

- Accommodation to the permanent changes
  - Facilitate the cooperation
  - Build a new partnership
  - Introduce new membership policy
  - HUNAGI represents the GeoICT sector in the Government leaded AI Coalition
- Increase the offered value to the members
  - Develop best practice, education materials from the disruptive technologies
  - Incubate the professional networking
- Stabilize the financial base of the organization
  - Flexible membership fee policy
  - Start certified professional courses for the new GeoICT methods
  - Increase the consulting services, based on the members network

What are the main challenges of GI sector you foresee in the next five years

- From Maps to Models
  - Change the traditional mapping techniques to models in building construction, BIM
  - Intelligent environmental monitoring
- Automation, Artificial Intelligence
  - High resolution models for autonomous drive
  - AI versus human responsibility
  - Can machine think?
- Data Boom
  - Privacy, security management
  - Crowd sourcing, open data in government administration
What opportunities you see for GI sector in the next five years

- Efficient data creation technologies
  - IoT explosion
  - Increased Earth Observation
  - Scanning every thinks, every where
  - Drones in business, agriculture
  - BIM
- Automation, Artificial Intelligence
  - Real time location intelligence services
  - AI support or replace the humans?
- Data Boom
  - BigData analytics
- Disruptive technologies
  - Cloud, virtualization
  - Blockchain

There is no one point solution: it is a sensitive GeoSpatial Digital Ecosystem...