Geospatial Infrastructure and Digital Twin in the Swiss Geoinformation Strategy

Plenary Keynote-Geospatial World Forum 2023

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Timeline

2001 1st Swiss Geoinformation Strategy
2003 Implementation Concept
2007 Federal Act on Geoinformation
2008 Geospatial Infrastructure [www.geo.admin.ch]
2016 Linked Data
2018
  • 2018 Mandate in «Aktionsplan Digital Schweiz»
  • Mandate by Federal Council («Eckwerte für eine Datenpolitik der Schweiz» 9th May, 2018 : Lead swisstopo, time frame: Q4-2020)


2021 Implementation Concept
854 Available Spatial Data Sets

99.9% Availability

1.9 PetaByte Spatial Data per year delivered

2'600 Tiles /Sec delivered (peak)

75'000 visits map viewer /day
Incentive

Take along the established
Checks and Balances: What have we achieved until now?

Use the good foundation
Strengthen User Orientation
Framework

Use Synergies
Technology / Systems -> New

Use opportunities
The Evolution of the Swiss Geoinformation Strategy

- **2001**
- **2025**
- **2030**

Geoknowledge
Linking Geoinformation
Easy Access to Geodata
The Evolution of the Swiss Geoinformation Strategy

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<th>Year</th>
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VISION:
FROM GEODATA TO KNOWLEDGE: LINKED AND GEOLOCATED INFORMATION FOR SWITZERLAND
Implementation: Actionplan 2023
We provide the infrastructure—Everyone uses it in their own way
The Chicken or the Egg Question

Is the strategy a part of Digital Twin or is Digital Twin a part of the strategy?