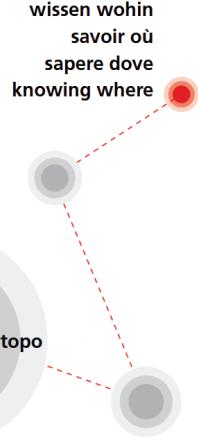




Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Defence,
Civil Protection and Sport
Federal Office of Topography swisstopo
Coordination, Geo-Information and Services (COGIS)



Geospatial Infrastructure and Digital Twin in the Swiss Geoinformation Strategy

51st Geodetic Day, Slovenia

Dr. Christine Najar



Facts & Figures – Swiss Geospatial Infrastructure

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)

2020 New Geoinformation Strategy including Digital Twins approved by Federal Council and Swiss Conference of Directors of Construction, Planning and Envi.

2021 Implementation Concept





Incentive



Coordination de l'information géographique et des systèmes d'information géographique
Coordinamento del informazione geografica e dei sistemi di informazione geografica
Coordination of geographic information and geographic information systems
Koordination der Geoinformation und geografischen Informationssysteme

Stratégie pour l'information géographique au sein de l'administration fédérale

Strategie für Geoinformation beim Bund

Groupe de

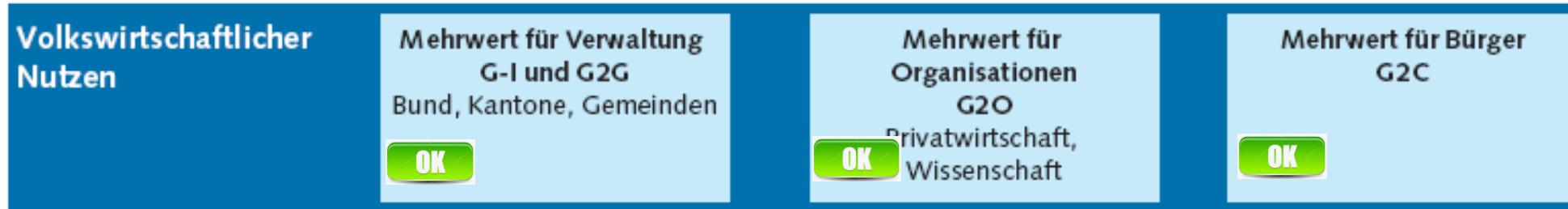
Take along the established

Aktionensteuerungsguppe (GKG)

Wabern, 04.2001



Checks and Balances: What have we achieved until now?



Use the good foundation





User Behaviour Changes



**Strengthen User
Orientation**



Framework



E-Government-
Strategie
Schweiz

Use Synergies



Aktionsplan Digitale Schweiz

Stand: 5. September 2018



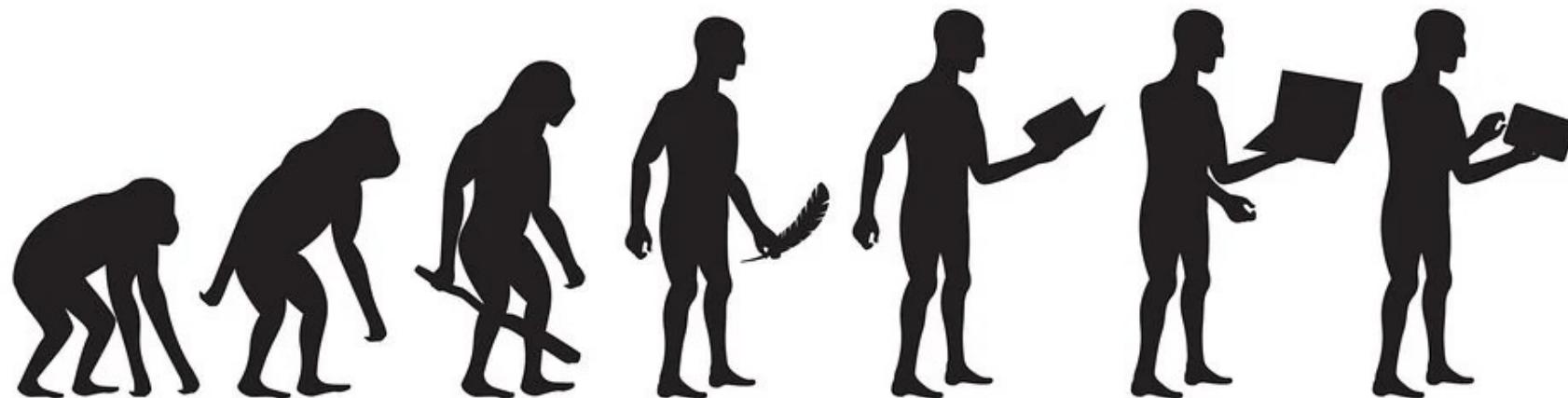
Technology / Systems-> New



Use opportunities



The Evolution of the Swiss Geoinformation Strategy



2001

2025

2030



The Evolution of the Swiss Geoinformation Strategy

Easy Access to Geodata

2001

Linking Geoinformation

2025

Geoknowledge

2030

VISION:

**FROM GEODATA TO KNOWLEDGE: LINKED AND
GEOLOCATED INFORMATION FOR SWITZERLAND**





Implementation: Actionplan 2023

The image shows a close-up of a lined notebook. In the center, the word "ACTION" is constructed from five wooden blocks. Below this, the phrase "changes things" is written in a large, flowing cursive script. The background is slightly blurred, showing the grid lines of the notebook paper.

Strategie

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

KGK CGC Konferenz der kantonalen Geoinformations- und Katasterverwaltungen
Conférence des services cantonaux de la Géoinformation et du Cadastre
Conferenza dei servizi cantonali per la Geoinformazione e del Catasto
Conferenza dei servizi cantonali da Geoinformazione e Cadastro

Strategie Geoinformation Schweiz
Stratégie suisse pour la géo-information

Plan d'action 2023

Approuvé par le SGS-Board
(GCS le 16-12-2022, Comité directeur CGC le 22-12-2022)

I. Introduction 2
II. Objectifs partiels de la feuille de route 2
III. Tâches opérationnelles et projets de partenariat 4
IV. Plan d'action 2023 5
Champ d'action 1 : Promouvoir l'écosystème de la géo-information 5
Champ d'action 2 : Relier les géodonnées 6
Champ d'action 3 : Faciliter les processus 7
Champ d'action 4 : Développer la science des géodonnées 8
Champ d'action 5 : Encourager l'innovation 9
Champ d'action 6 : Acquérir et renforcer les compétences 10
Champ d'action 7 : Développer les plateformes numériques 10

51st Geodetic Day, Slovenia
Dr. Christine Najar

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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?

