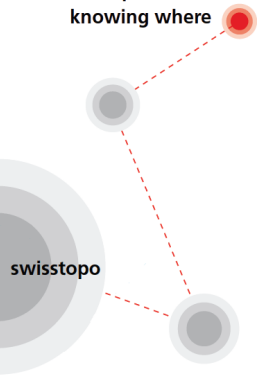




Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

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

wissen wohin
savoir où
sapere dove
knowing where



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

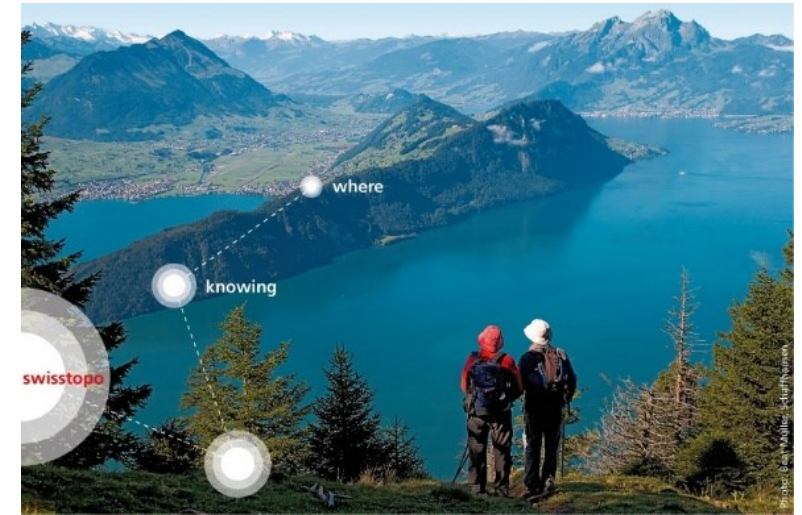
2016 Linked Data

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 dell'informazione geografica e dei sistemi di informazione geografica
Coordination of geographic information and geographic information systems
Koordinierung der Geoinformation und geografischen Informationssysteme

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

Strategie für Geoinformation beim Bund

Groupe de

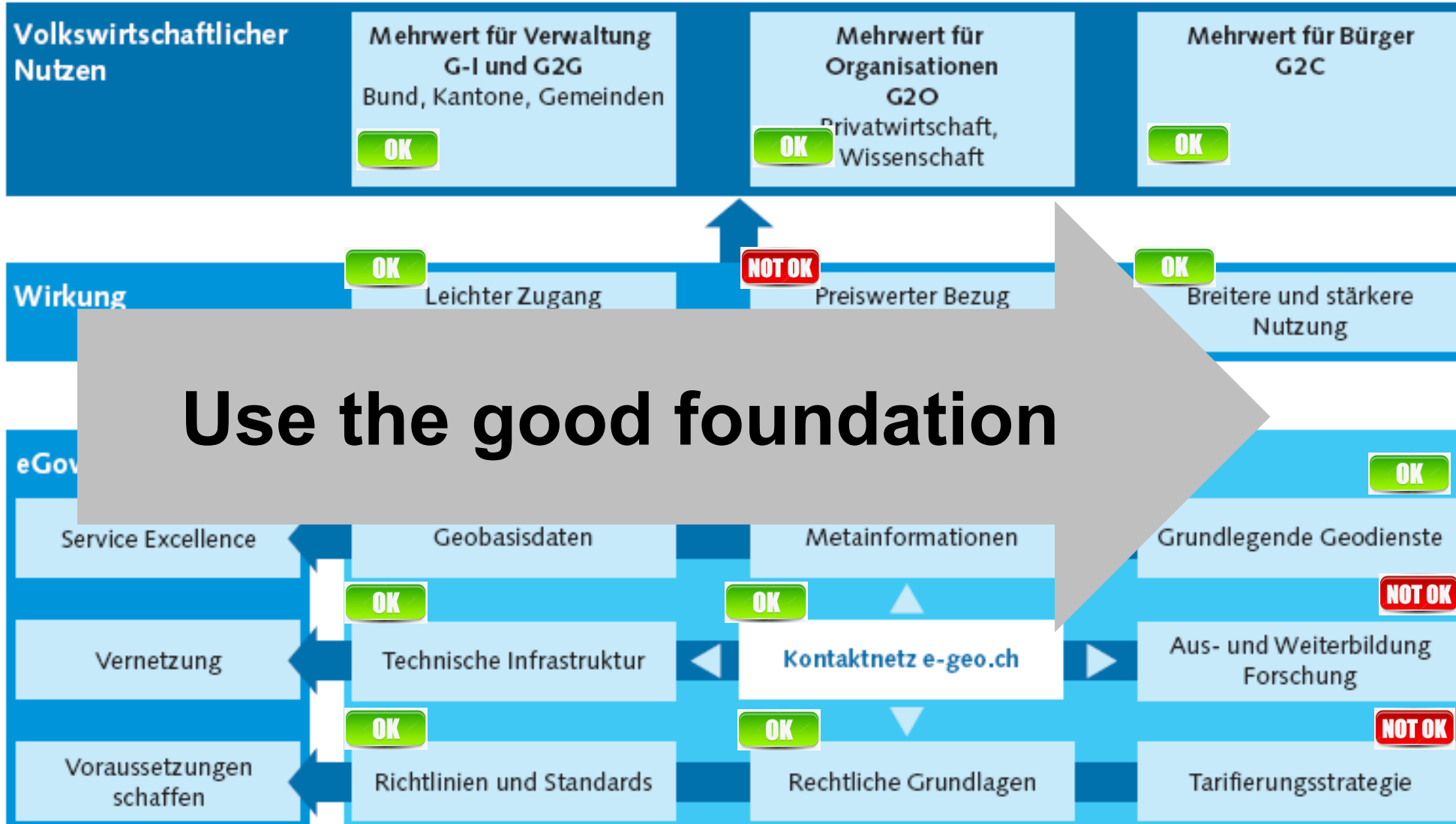
Arbeitsgruppe (GKG)

**Take along the
established**

Wabern, 04.2001



Checks and Balances: What have we achieved until now?





User Behaviour Changes



**Strengthen User
Orientation**




Framework



E-Government-
Strategie
Schweiz



Septem


 Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Aktionsplan Digitale Schweiz

Stand: 5. September 2018



Use Synergies

 Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



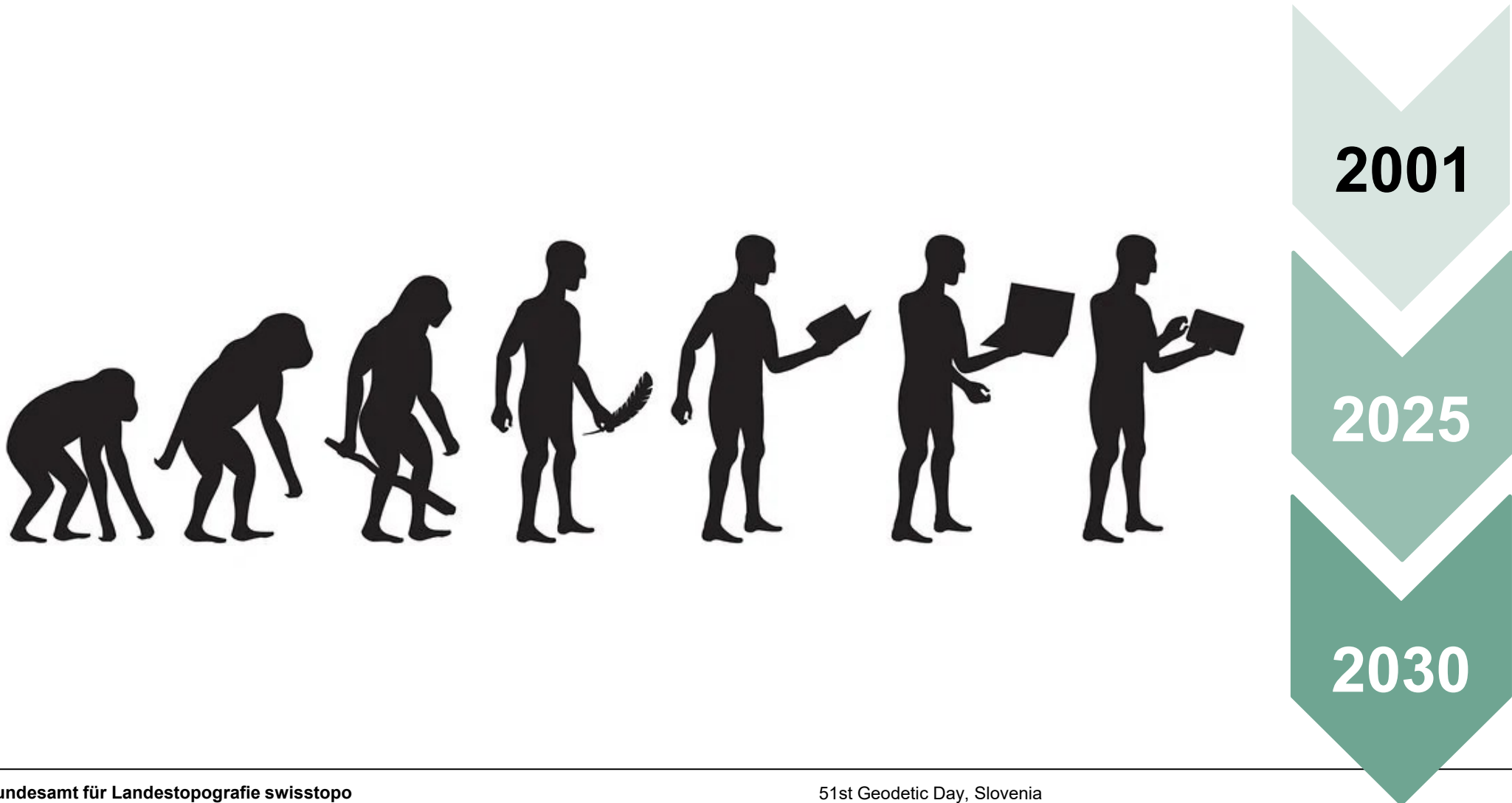
Technology / Systems-> New



Use opportunities



The Evolution of the Swiss Geoinformation Strategy





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



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?

