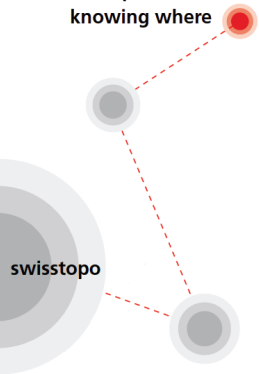




Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

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

Plenary Keynote-Geospatial World Forum 2023

Dr. Christine Najjar



# 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](http://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





# Map.geo.admin.ch

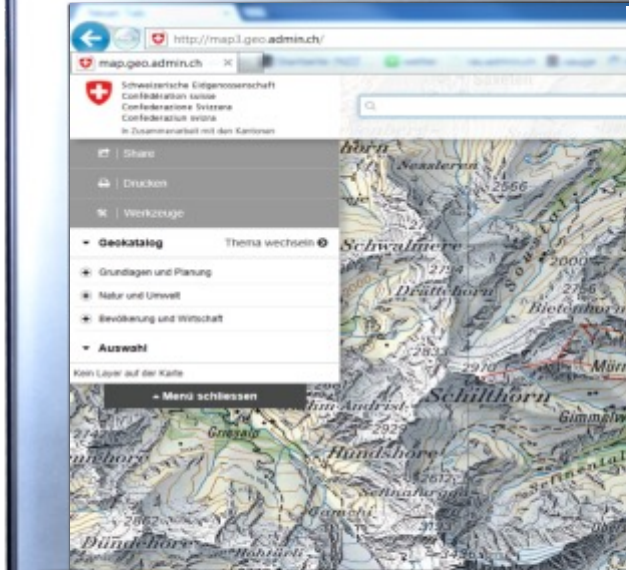
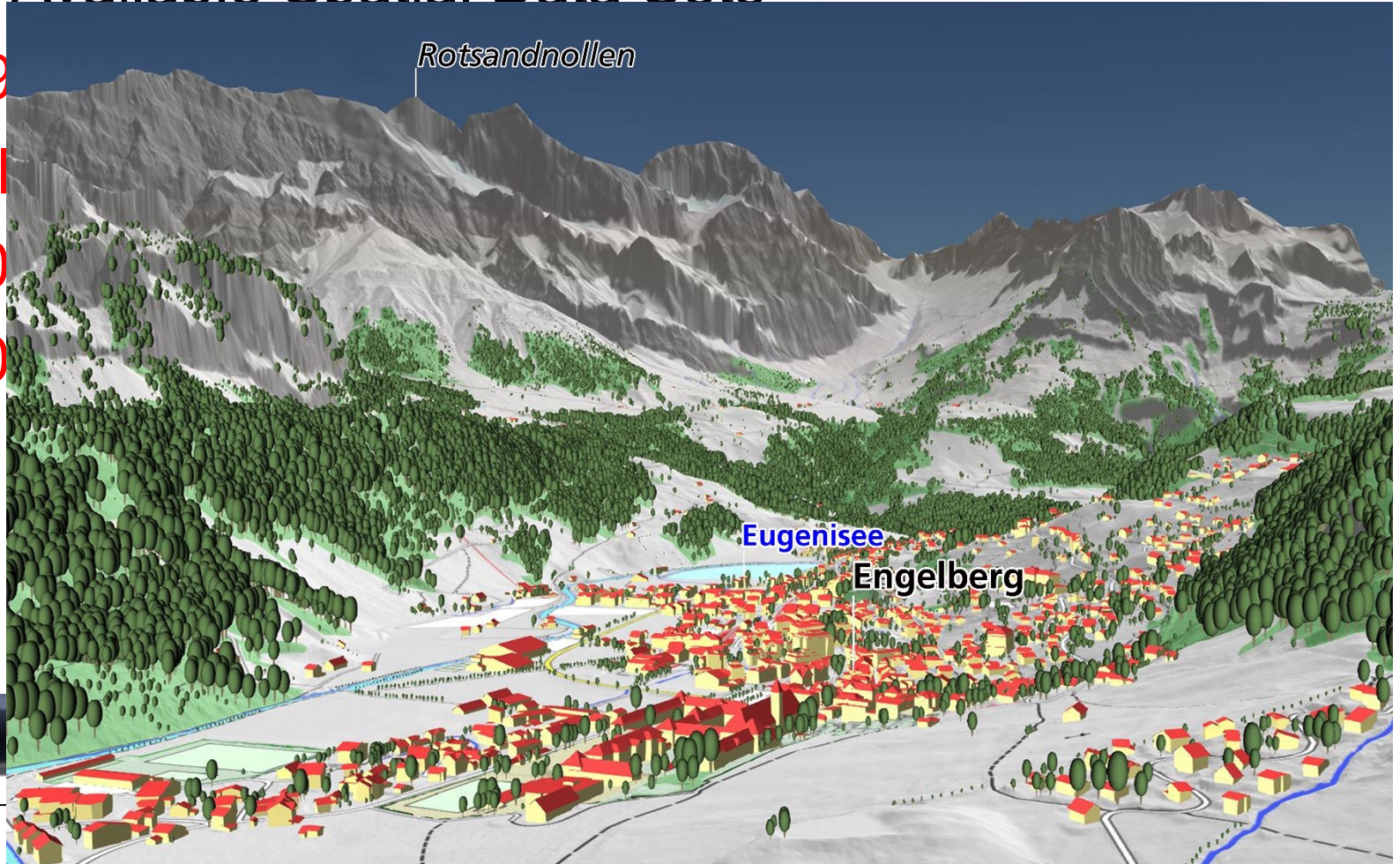
854 Available Spatial Data Sets

99.9%

1.9 M

2'600

75'000





# 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

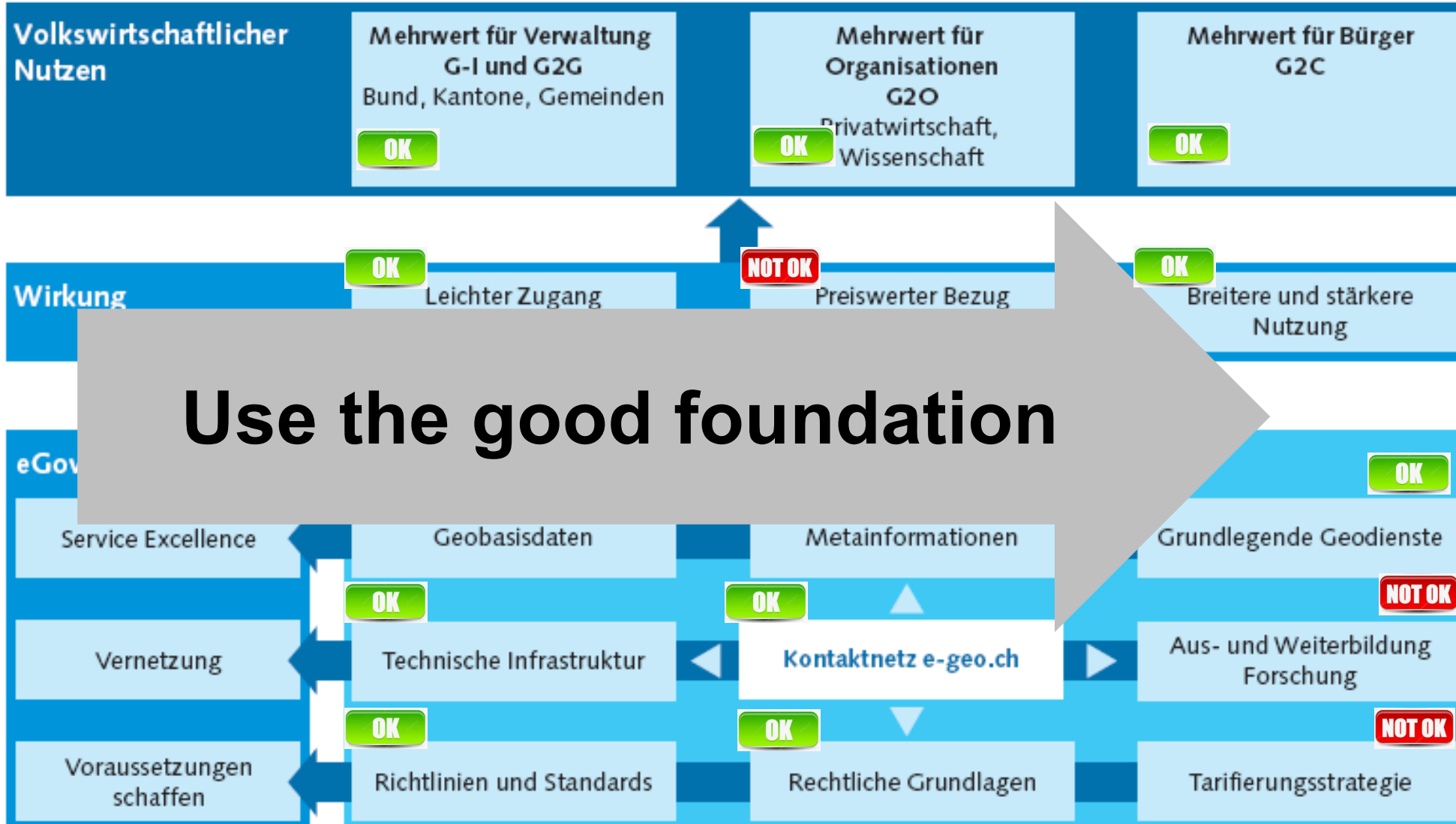
Arbeitsgruppe (GKG)

**Take along the  
established**

Wabern, 04.2001



# Checks and Balances: What have we achieved until now?





# User Behaviour Changes



**Strengthen User  
Orientation**



# Framework



egovernment  
schweiz · suisse · svizzera


E-Government-  
Strategie  
Schweiz



## Strategie Digitale Schweiz

Septem

**Use Synergies**

 Schweizerische Eidgenossenschaft  
Confédération suisse  
Confederazione Svizzera  
Confederaziun svizra

### Aktionsplan Digitale Schweiz

Stand: 5. September 2018



# Technology / Systems-> New

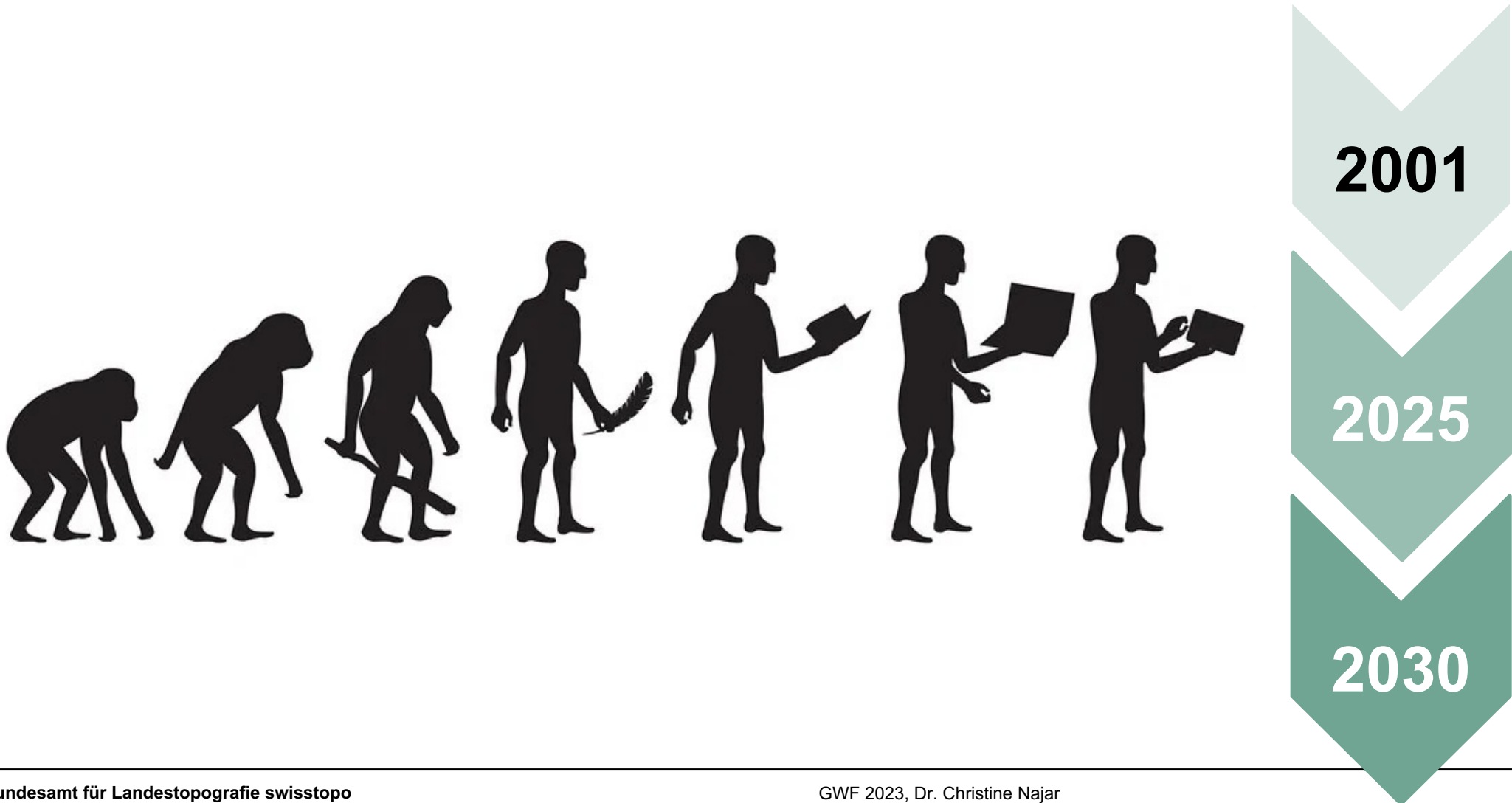


**Use opportunities**





# 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?

