



# One portal for all open data – an SG perspective on OGD

## Ein Portal für alle offenen Daten – eine SG-Perspektive auf OGD

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Simon Knüsel

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# 1. Today



# Statistical Data and Open Government Data

## Statistical Data – STADA2

The screenshot shows the 'Statistikdatenbank STADA2' interface. On the left, there is a tree view of indicators under 'Indikatoren (thematisch geordnet)'. The 'Bevölkerung' (Population) section is expanded, showing indicators like 'Wohnbevölkerung [Pers.]' with a value of 550'185 for the year 2024. Below the list is a map of the region with a search bar 'Datensätze erforschen' and a search input field.

## OGD – Canton of St.Gallen

The screenshot shows the 'Open Government Data Portal von St.Gallen'. The header includes the 'Kanton St.Gallen' logo and navigation links like 'Startseite', 'Daten', 'API', 'Kartenersteller', 'Diagramme', 'Kontakt', 'Hilfe', and 'Über Uns'. A search bar 'Datensätze erforschen' is prominent. The main content area features a welcome message: 'Willkommen auf dem Open Data Portal von St.Gallen'. It explains that the portal provides access to data from cantonal and communal administrative units. A video player for 'Open Government Data Portal St.Gallen' is embedded. Below, there are sections for 'Anregungen für Datensätze' (Suggestions for datasets) and 'Beliebteste Datensätze' (Most popular datasets), listing items like 'Aktuelle Wahl- bzw. Abstimmungsresultate Kanto...'.

## OGD – City of St.Gallen

The screenshot shows the 'Open Data Portal der Stadt St.Gallen'. The header features the 'st.gallen' logo and navigation links. A search bar 'Datensätze erforschen' is present. The main content area has a welcome message: 'Willkommen auf dem Open Data Portal der Stadt St.Gallen'. It states that the city provides a data platform for all administrative units. A grid of four key features is highlighted: 'REGIONAL & NÜTZLICH' (Regional & Useful), 'DATENQUALITÄT' (Data Quality), 'INNOVATION UND ZUGRIFF' (Innovation and Access), and 'FREIE UND OFFENE DATEN' (Free and Open Data). A 'Anregungen für Datensätze' (Suggestions for datasets) button is also visible.



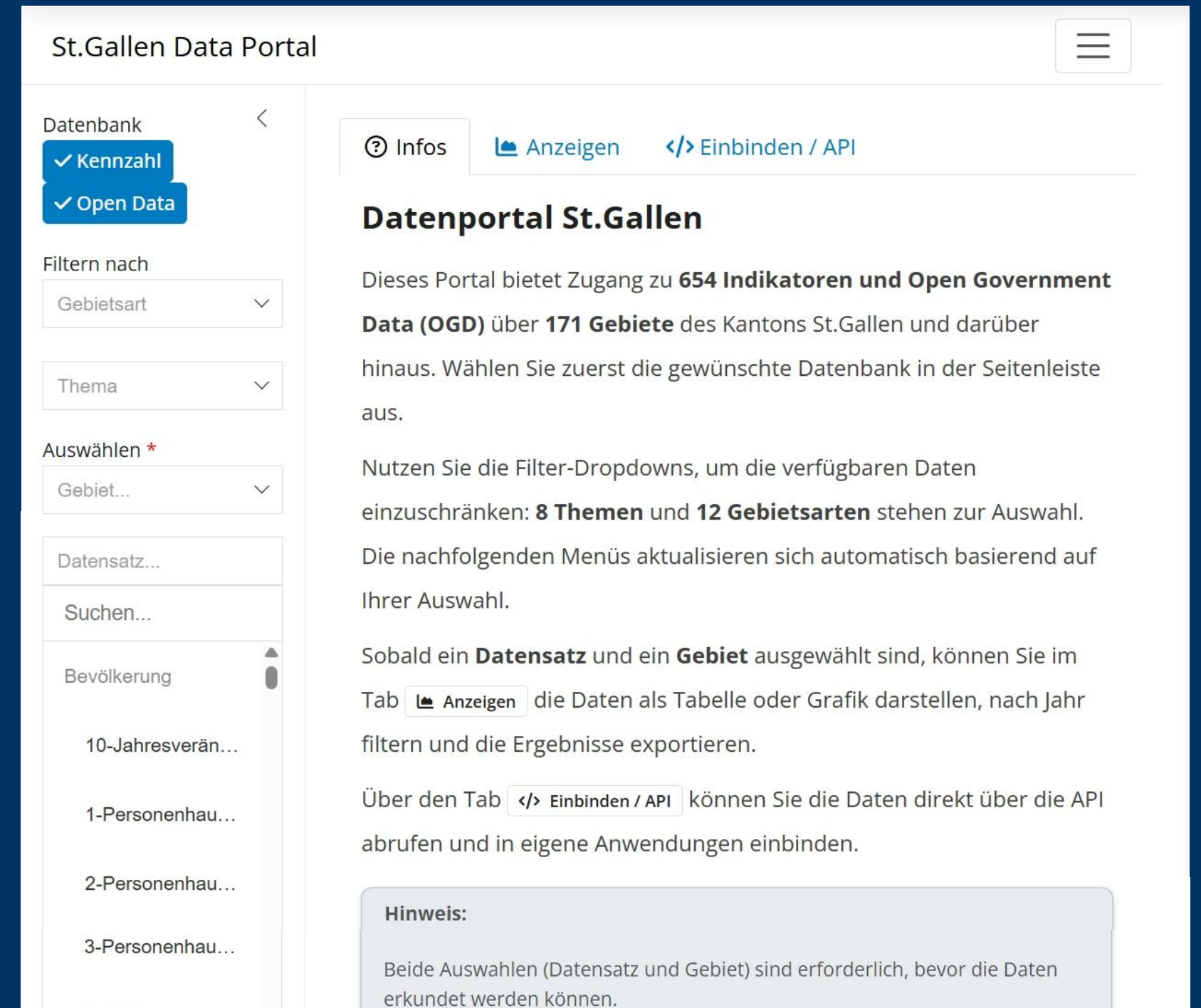
2. In approximately two years



# Open Data

## DatenportalSG – Open Data Portal of the Canton of St.Gallen

- Statistical data
- Open Government Data

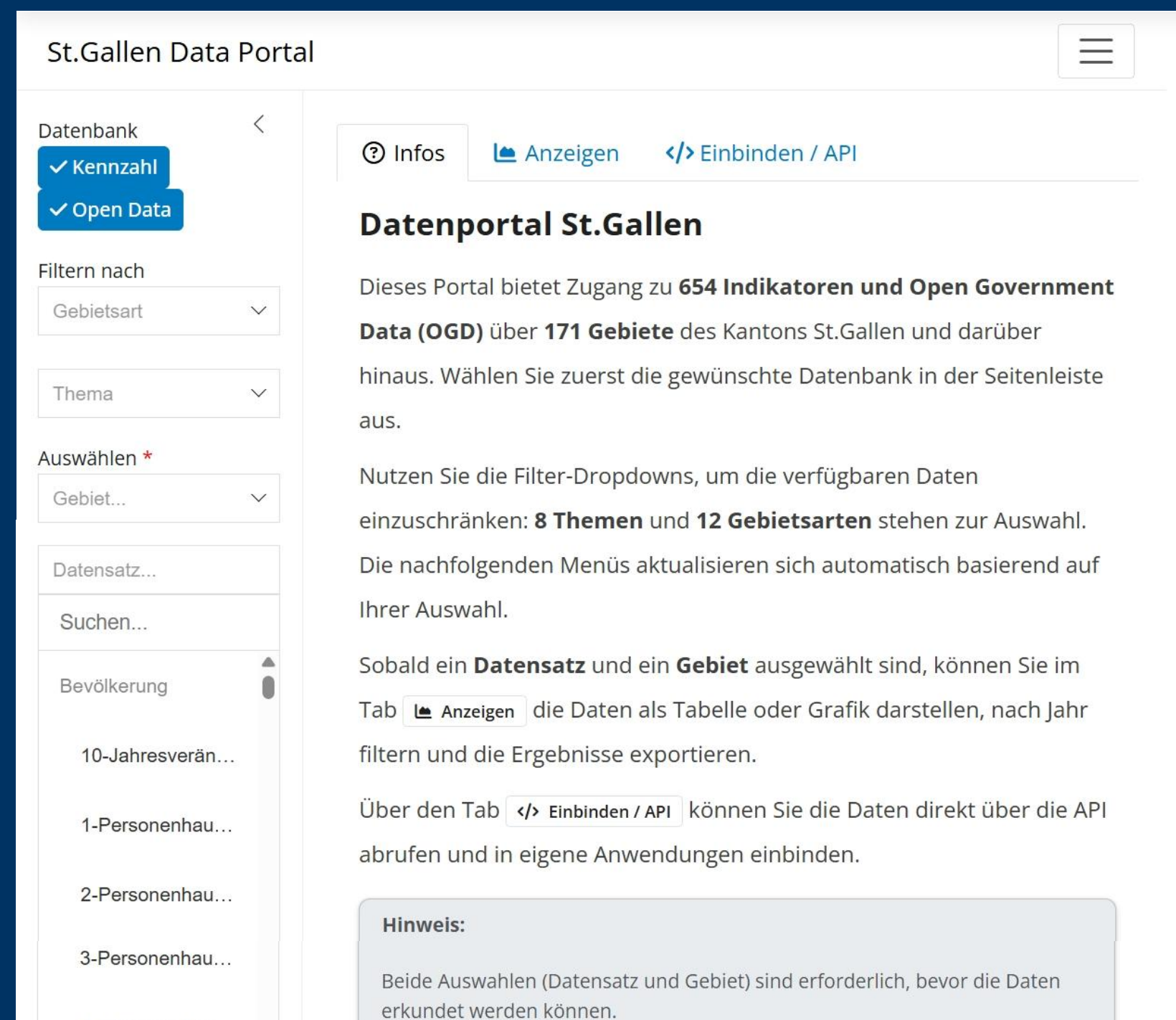


The screenshot displays the 'St.Gallen Data Portal' interface. On the left, a sidebar contains a 'Datenbank' section with 'Kennzahl' and 'Open Data' selected. Below it are filter dropdowns for 'Gebietsart', 'Thema', and 'Auswählen \*' (with 'Gebiet...' selected). A 'Datensatz...' section includes a search bar and a scrollable list of datasets, with 'Bevölkerung' selected. The main content area features tabs for 'Infos', 'Anzeigen', and 'Einbinden / API'. The 'Anzeigen' tab is active, showing the title 'Datenportal St.Gallen' and introductory text: 'Dieses Portal bietet Zugang zu 654 Indikatoren und Open Government Data (OGD) über 171 Gebiete des Kantons St.Gallen und darüber hinaus. Wählen Sie zuerst die gewünschte Datenbank in der Seitenleiste aus.' It also explains the filter functionality: 'Nutzen Sie die Filter-Dropdowns, um die verfügbaren Daten einzuschränken: 8 Themen und 12 Gebietsarten stehen zur Auswahl. Die nachfolgenden Menüs aktualisieren sich automatisch basierend auf Ihrer Auswahl.' Further instructions state: 'Sobald ein Datensatz und ein Gebiet ausgewählt sind, können Sie im Tab Anzeigen die Daten als Tabelle oder Grafik darstellen, nach Jahr filtern und die Ergebnisse exportieren.' and 'Über den Tab Einbinden / API können Sie die Daten direkt über die API abrufen und in eigene Anwendungen einbinden.' A 'Hinweis:' box at the bottom notes: 'Beide Auswahlen (Datensatz und Gebiet) sind erforderlich, bevor die Daten erkundet werden können.'



# What about data quality?




- Currently the datasets can be filtered by source



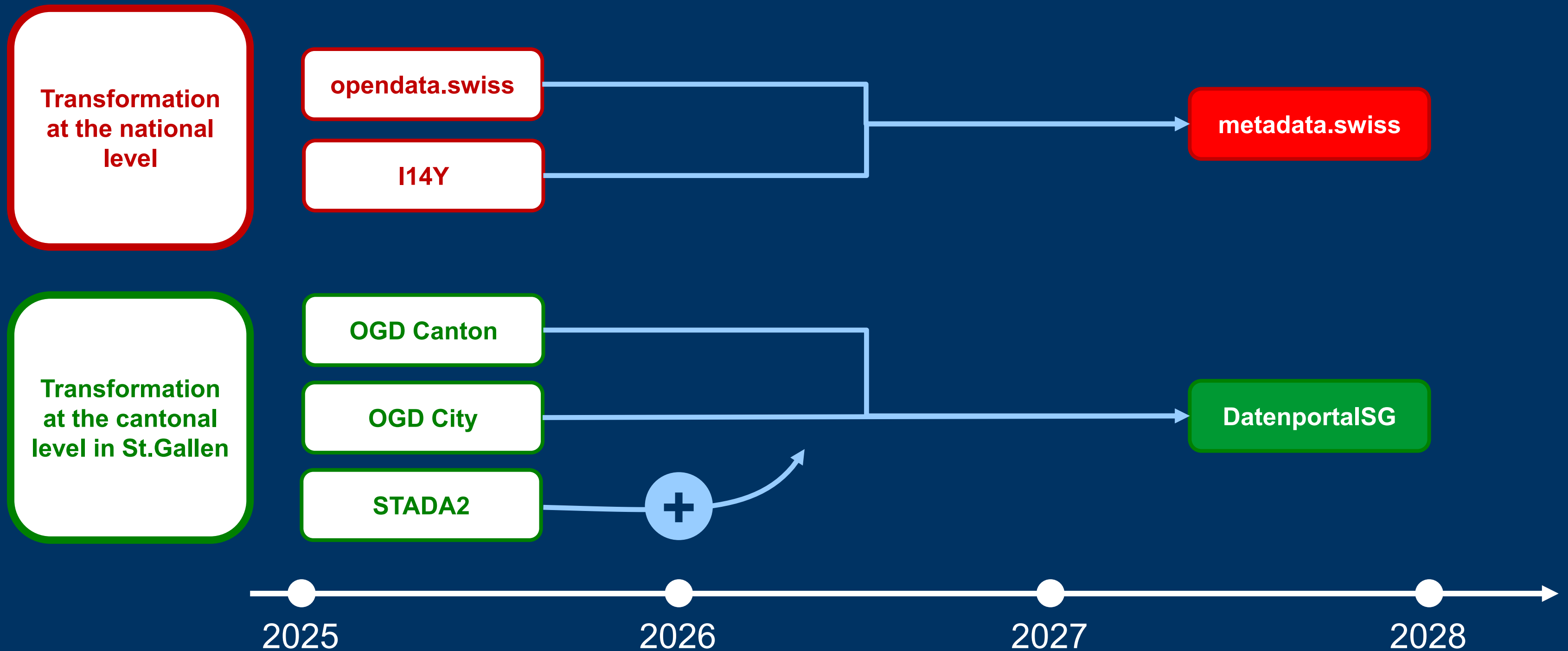
The screenshot shows the 'St.Gallen Data Portal' interface. On the left, there is a sidebar with filters: 'Datenbank' (with 'Kennzahl' and 'Open Data' selected), 'Filtern nach' (with 'Gebietsart' and 'Thema' dropdowns), 'Auswählen \*' (with 'Gebiet...' dropdown), 'Datensatz...' (input field), and 'Suchen...' (input field). Below these are search results for 'Bevölkerung', including '10-Jahresverän...', '1-Personenhau...', '2-Personenhau...', and '3-Personenhau...'. The main content area has tabs for 'Infos', 'Anzeigen', and 'Einbinden / API'. The 'Anzeigen' tab is active, showing the title 'Datenportal St.Gallen' and a description: 'Dieses Portal bietet Zugang zu 654 Indikatoren und Open Government Data (OGD) über 171 Gebiete des Kantons St.Gallen und darüber hinaus. Wählen Sie zuerst die gewünschte Datenbank in der Seitenleiste aus.' It also explains how to use the filters and how to view data as a table or chart, and how to use the API. A 'Hinweis' box at the bottom states: 'Beide Auswahlen (Datensatz und Gebiet) sind erforderlich, bevor die Daten erkundet werden können.'

# What about data quality?

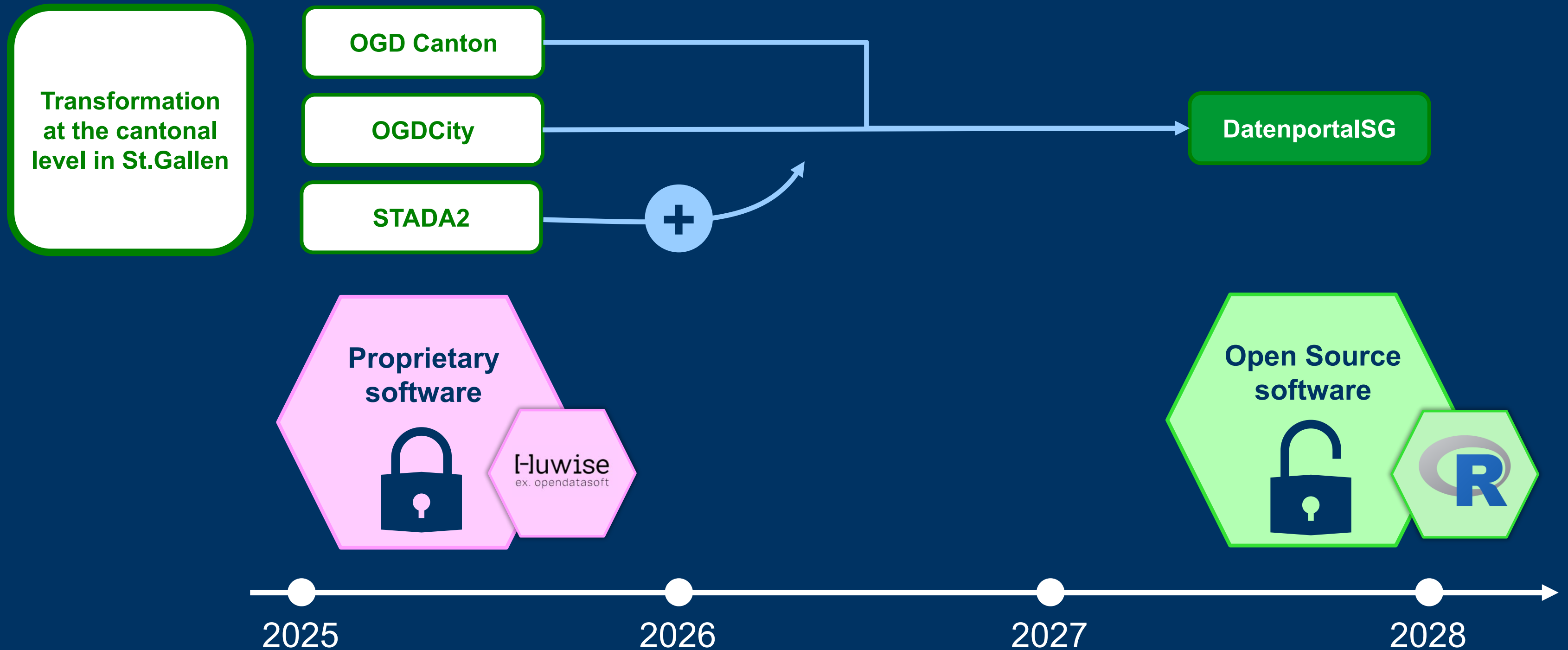
- Currently the datasets can be filtered by source
- Our goal is that each dataset is marked with a symbol indicating the source of the data or its data quality

<input type="radio"/>	Bau & Immobilien <b>3-Zimmerwohnungen (Anzahl)</b>	 empfohlen
<input type="radio"/>	Staat & Politik <b>Aktuelle Wahl- bzw. Abstimmungsergebnisse Kanton St.Gallen</b>	 empfohlen
<input type="radio"/>	Umwelt & Energie <b>Stromproduktion Solaranlagen Stadt St.Gallen</b>	 Sensordaten
<input type="radio"/>	Bevölkerung & Gesellschaft <b>Ausländeranteil in %</b>	 empfohlen
<input type="radio"/>	Bau & Immobilien	 empfohlen

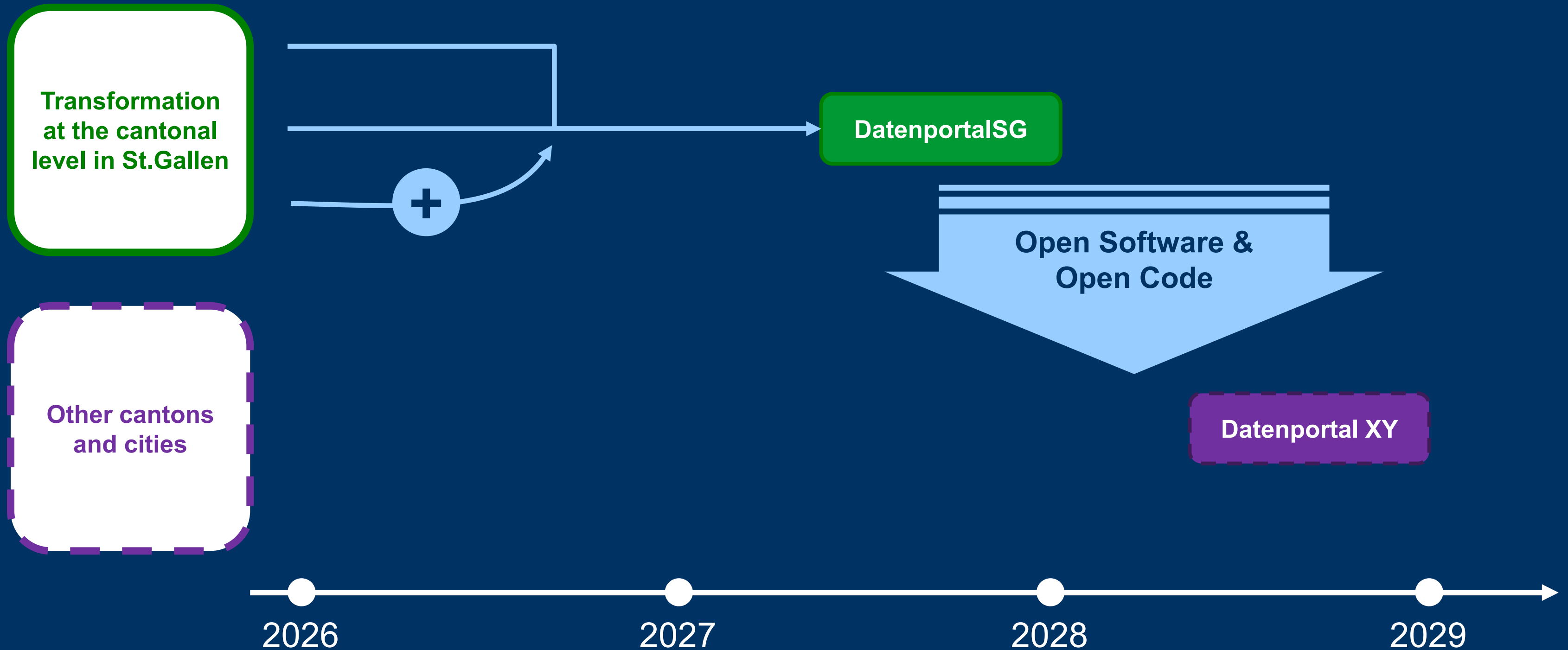
# Dynamic transformations in the OGD landscape



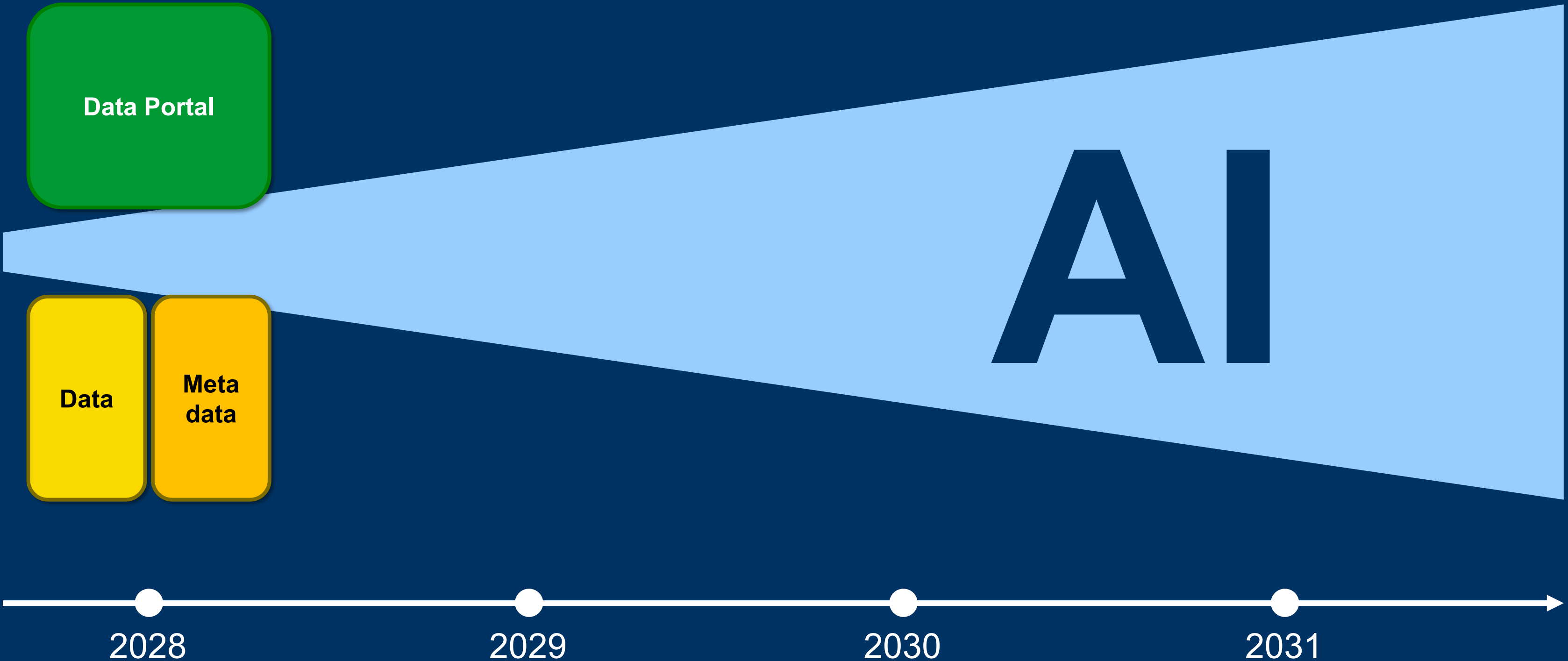
# Dynamic transformations in the OGD landscape



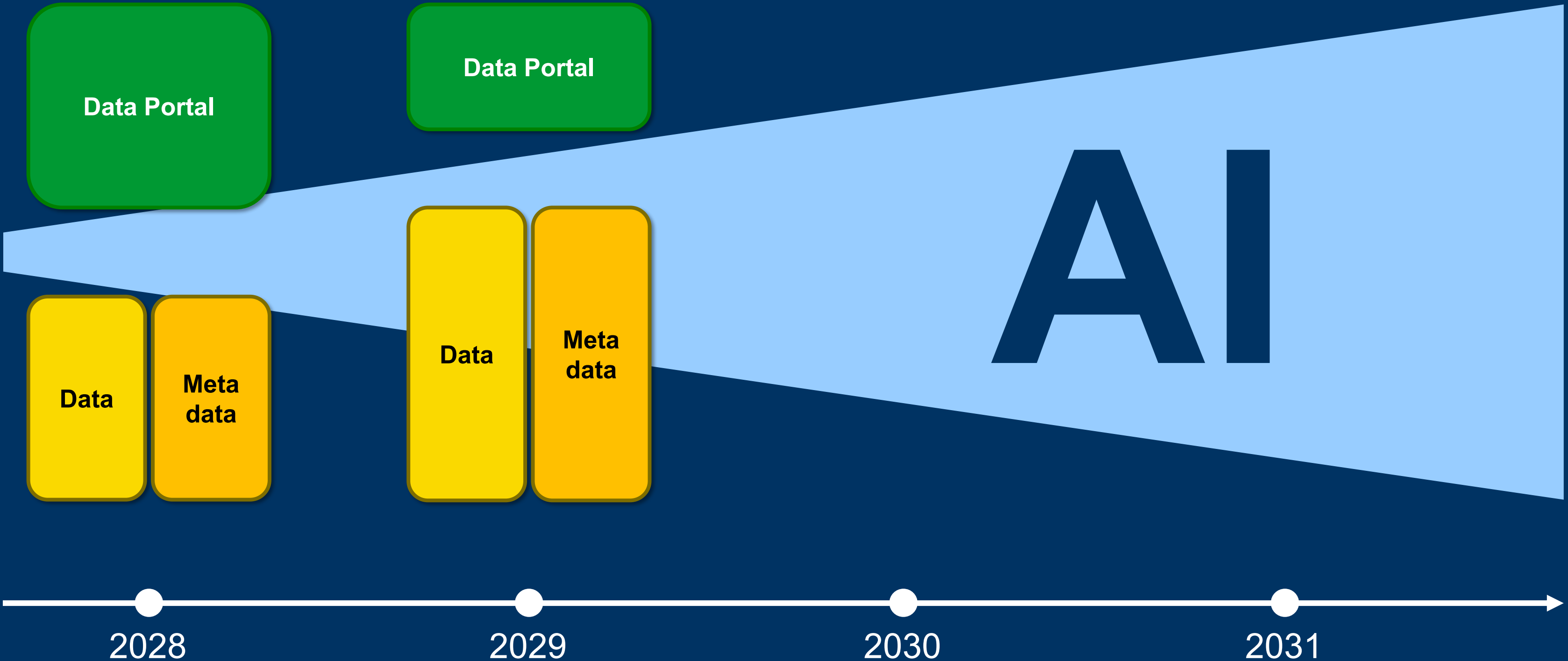
# Dynamic transformations in the OGD landscape



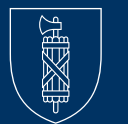
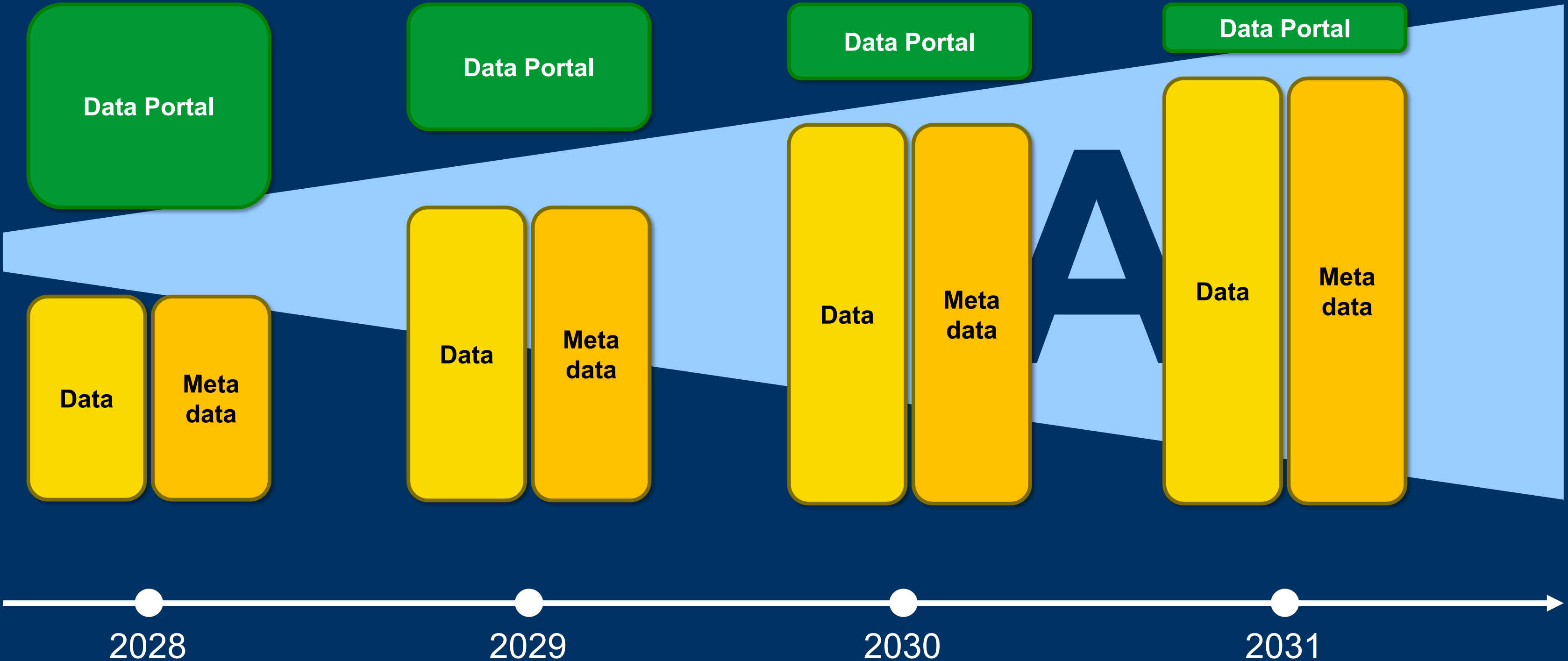
# Will data portals become obsolete?



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***Since AI is on the way, we need machine-readable,  
semantically clean data.***

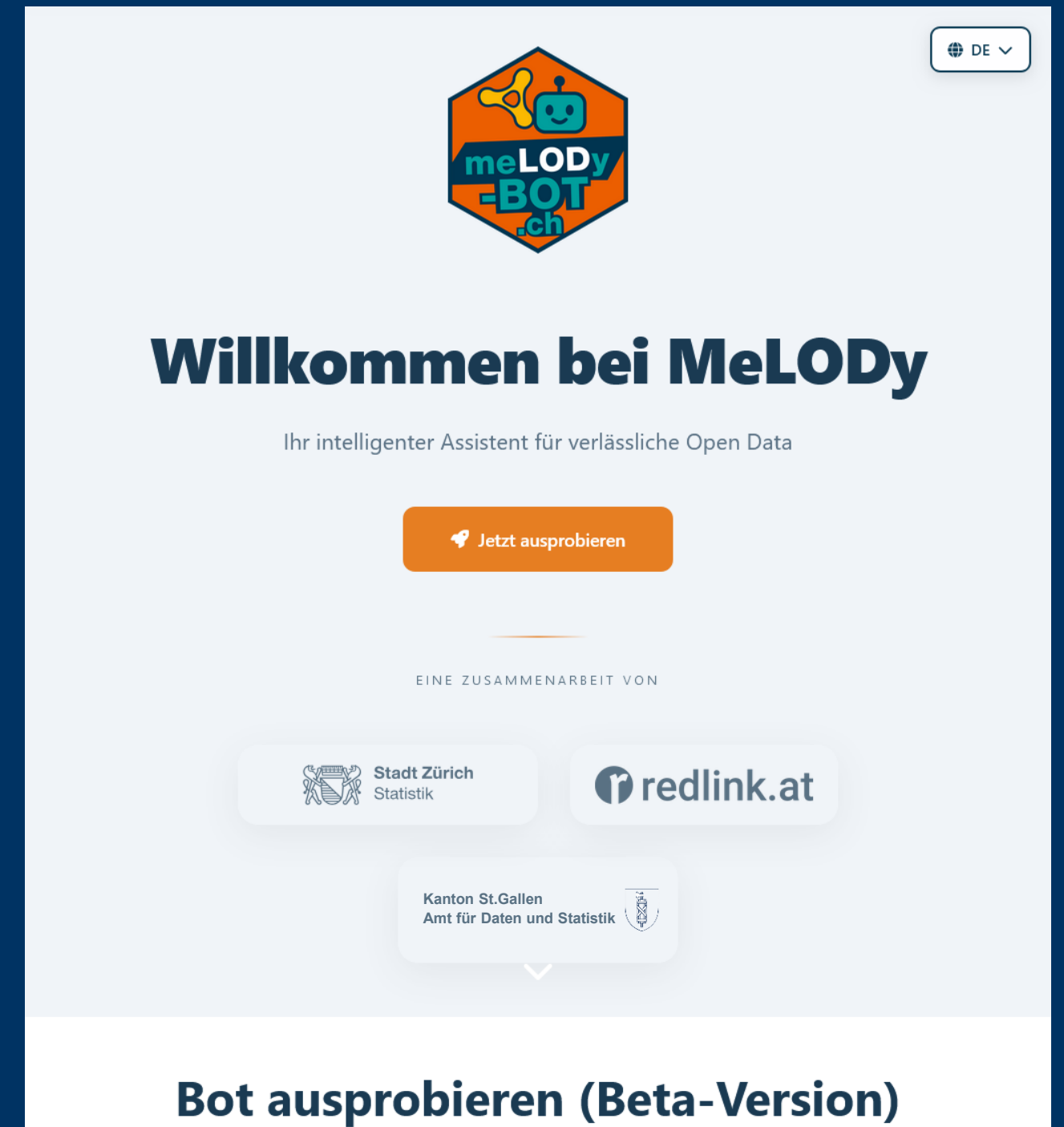
# Make data AI ready – Linked Open Data

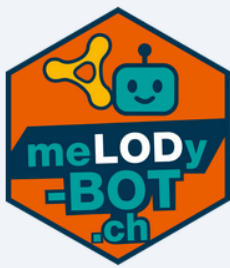
- Conversion of Open Data to **Linked Open Data**
  - Converting data to linked open data requires the explicit and standardized formulation of metadata.



# Make data AI ready – Linked Open Data

- Conversion of Open Data to Linked Open Data
  - Converting data to linked open data requires the explicit and standardized formulation of metadata.
  - Integration of the data into a chatbot is possible




 meLODy -BOT .ch


**Willkommen bei MeLODy**


Ihr intelligenter Assistent für verlässliche Open Data

[Jetzt ausprobieren](#)

EINE ZUSAMMENARBEIT VON

 Stadt Zürich Statistik

 redlink.at

Kanton St.Gallen  
Amt für Daten und Statistik 

**Bot ausprobieren (Beta-Version)**

# One portal. Three commitments.

*Where the SG data landscape is heading — in three sentences.*

## 01

CONSOLIDATION

### One portal, all data

From three fragmented portals (STADA2, OGD Canton, OGD City) to a single DatenportalSG. Statistical indicators and Open Government Data side by side — with transparent data-quality signals.

## 02

OPEN BY DESIGN

### Open source, open to reuse

Replacing proprietary software with an open stack built on R. Code and components published for other cantons and cities — shared infrastructure instead of parallel silos.

## 03

AI-READY

### Linked data for what comes next

Converting OGD to Linked Open Data as a semantic foundation. MeLODy chatbot (with Stadt Zürich & redlink.at) as a first application — reliable answers from trusted public data.

**A big «Thank you» to all our supporters and data suppliers in SG  
– and to our entire team!**



Thank you for your attention.

We are  for questions

Contact: [opendata@sg.ch](mailto:opendata@sg.ch)

