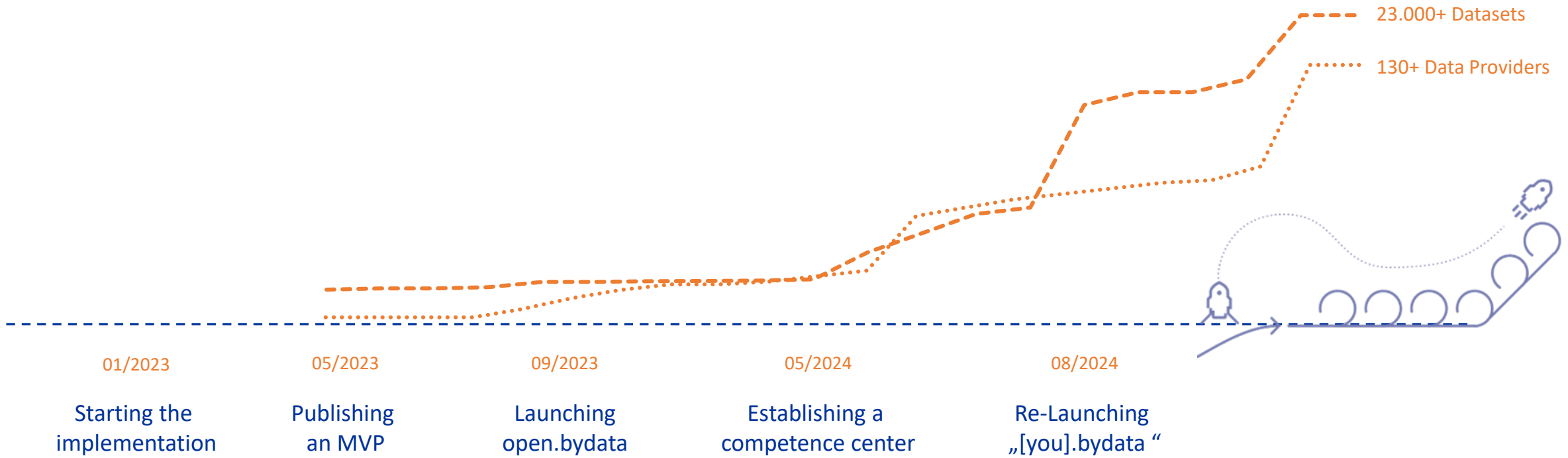


Bianca Sammer

Data community manager, byte – Bavarian Agency for Digital Affairs

Unlocking potential Transforming open data with innovative solutions for interoperability, reuse, and user engagement

A growing initiative.



oc.bydata, open bydata competence center

Open Data in the Bavarian Digital Plan

Open Data Portal

The Bavarian Open Data Portal is being redesigned to make the state's public data centrally and conveniently accessible and usable

Office for the area of Open Data

The office ensures that a competent team manages the Open Data Portal and later the Citizen Participation Portal and supports the departments' open government initiatives

byte - Bavarian Agency for Digital Affairs

We are...

digitization partner of the Bavarian ministries and state state authorities, financed by the Free State of Bavaria.

We work...

agilely on user-centered, digital products and services for public administration in the Free State of Bavaria.





OUR VISION

**A better Bavaria
through data: Simple,
trustworthy, networked.**



open bydata
competence center

Our approach



Modern infrastructure

piveau as a central component with hosting in the Google Cloud Platform and centralized provision of services.



Advice and material

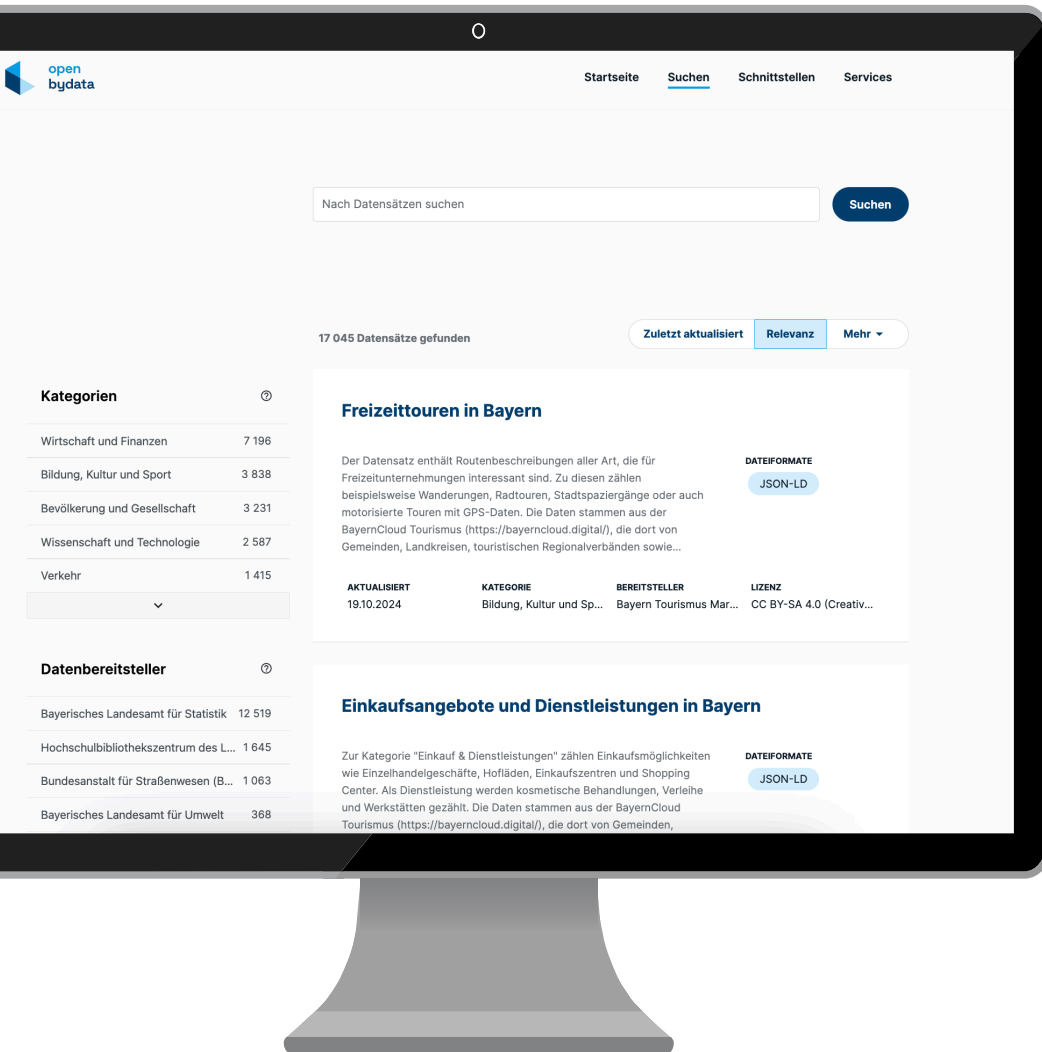
Bookable advice, handouts and material such as sample press releases to relieve the burden on local open data managers.



Active networking

One person exclusively for community management, showing use cases, setting up networking formats to foster a lively and active open data culture in order to create added value.

The open.bydata portal



The largest source for immediately usable data records from all over Bavaria.

- **Maximum visibility:** datasets in open.bydata are not only indexed in GovData, data.europa.eu, Google Dataset Search, etc., but we also promote them through data sharing, at events, and through active networking.
- **Open source software:** Cloud-native and open source developed with Fraunhofer technology.
- **Further development:** We are constantly implementing new features such as visualization, optimization of search & quality - always open source.

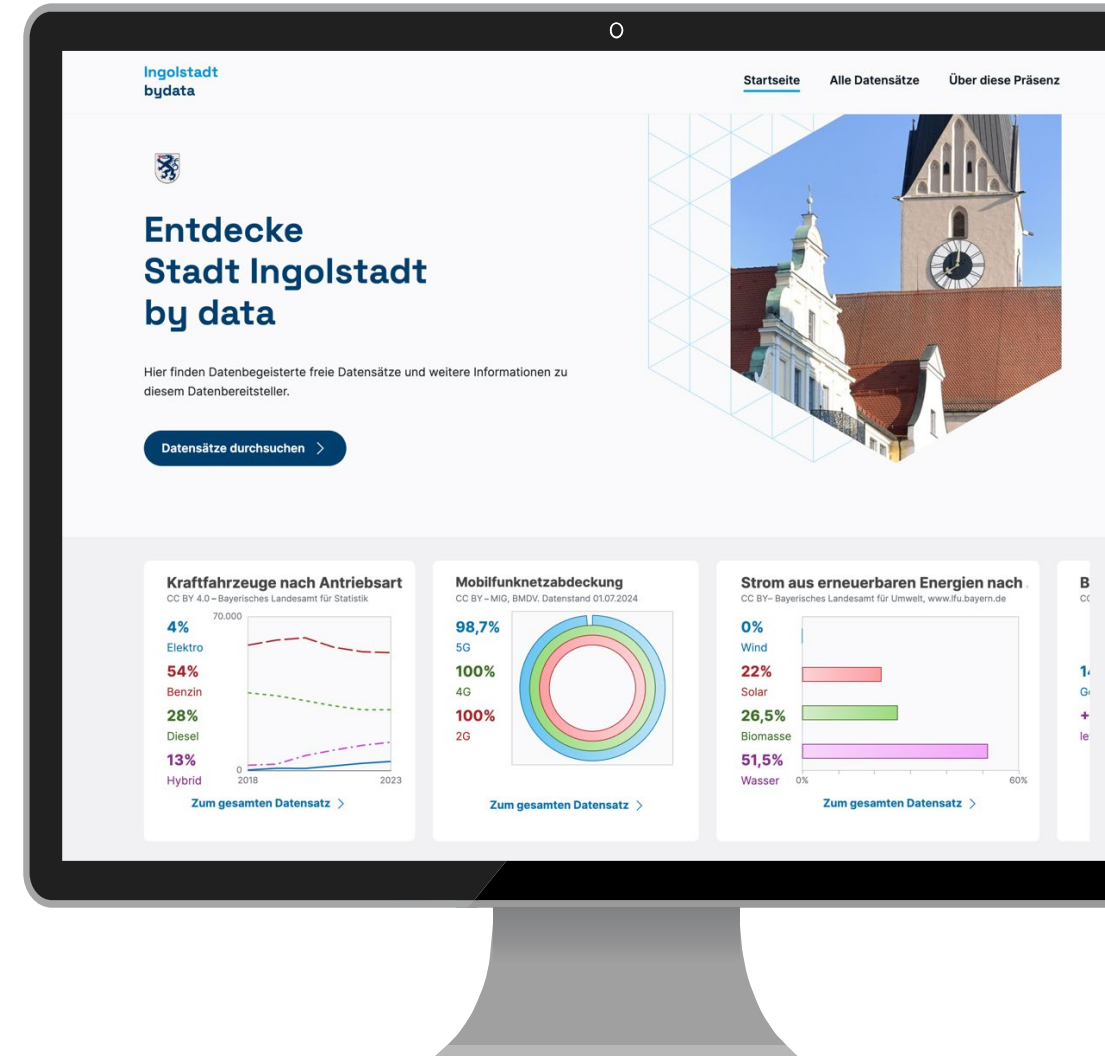
How we meet data providers' individual needs.

Custom Open web presences for data providers:
individualized, free of charge, integrated
into the scalable State infrastructure.

Amberg
Ingolstadt
Augsburg . by data . de
Haßfurt
Kempten
Deggendorf
Lk-Regensburg

...

oc.bydata, open bydata competence center



How we improve the quality of (meta)data automatically.

By integrating a quality script into the harvesting process:

Check	Status	Subsequent automatic clean-up & adjustment
✓ For the presence of at least one distribution.	If not available	=> automatic deletion.
✓ For the presence of a license.	If not available on distribution level	=> automatic addition sourced from dataset level if available. If not available on dataset level, automatic deletion.
✓ For the openness of the license.	If not open	=> automatic deletion.
✓ For the attribution of the license.	If licenseAttributionByText necessary and not available	=> automatic addition from dct:publisher at distribution level
✓ For the presence of dcat:mediaType.	If not available and where possible	=> automatic inference and addition of the value
✓ For the presence of title and description.	If not available	=> automatic addition sourced from the dataset level.

How we make our technical developments open for reuse.



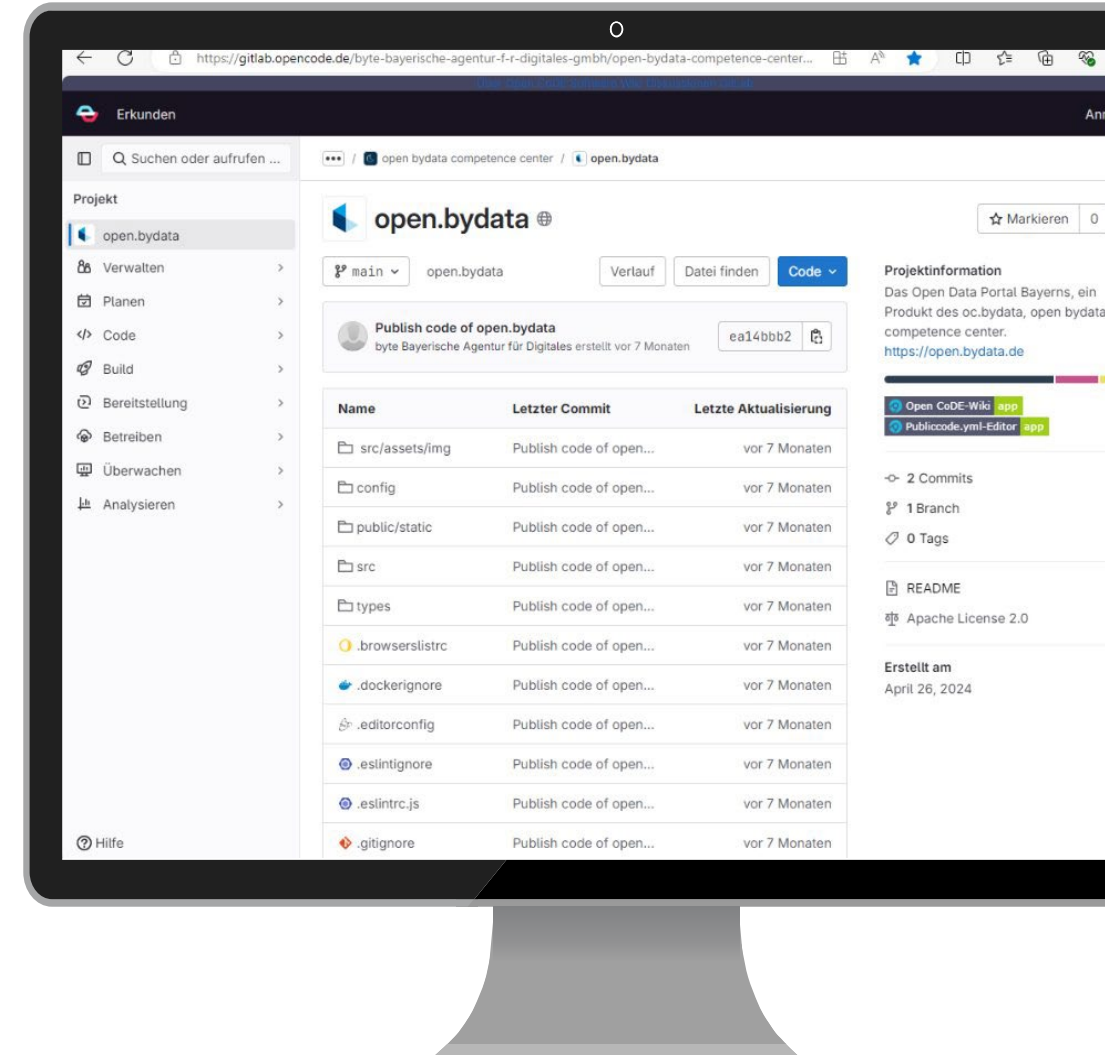
We use the “piveau” software as the basis for the portal - cloud-native development, deployed on Kubernetes and open source.



We provide the source code of our portal and technical enhancements as open source by using open code as a gitlab instance.







We are actively involved in the development of a piveau community in order to incorporate our changes and further developments directly into the core product in the future.



How we get our users involved in technical development.

By building and cultivating a strong network of key stakeholders from administration, business, civil society & science:

-  by maintaining intensive contact with key stakeholders, e.g. through user testing and interviews, and close cooperation with our data providers
-  by contributing to digital and on-site events of important stakeholders with talks and workshops, e. g. at the Smart Country Convention, Sparkscon, events at Universities, foundations, municipal institutions
-  by organizing events in partnership with major players, such as the city of Munich with [Open Data Day München 2025](#) and involving experts & key players as speakers
-  **New:**
Initiation and establishment of a new network format for our open data communities from administration, business, civil society and science – our **Open Data Round Table**

Format Open Data Round Table

Our objectives

1. Mutual help and support for open data projects, e.g. between experienced and new municipalities in Bavaria
2. Networking open data communities to initiate joint projects, ideas and data openness
3. An open consultation format for oc.bydata to jointly set and test the right priorities for open data in Bavaria

Milestones:

24.10.2024: Digital Kick-off-Event with Talks and **topic-based networking-sessions**

01.03.2025: On-site Workshop at the Open Data Day Munich 2025

Link: [Event: Kick-off-Event Round Table](#)



We are happy to receive ideas, exchange and data!

“



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