



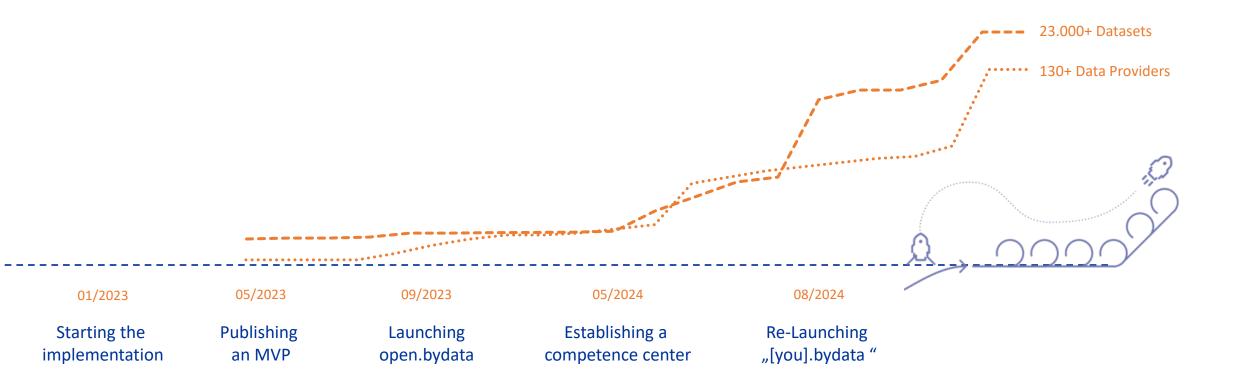
Bianca Sammer

Data community manager, byte – Bavarian Agency for Digital Affairs

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

19 – 20 MARCH 2025

A growing initiative.



oc.bydata, open bydata competence center



Open Data in the Bavarian Digital Plan

Open Data Portal

Office for the area of Open Data

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

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.





Our approach



Modern infrastructure



Advice and material



Active networking

piveau as a central component with hosting in the Google Cloud Platform and centralized provision of services. Bookable advice, handouts and material such as sample press releases to relieve the burden on local open data managers. 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

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open bydata			Startseit	e Suchen	Schnittstellen	Services
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Bevölkerung und Gesellschaft	3 231					
Wissenschaft und Technologie	2 587	BayernCloud Tourismus (https://bayerncloud.digital/), die dort von Gemeinden, Landkreisen, touristischen Regionalverbänden sowie				
Verkehr	1 415	AKTUALISIERT KATEGORIE	BER	EITSTELLER	LIZENZ	
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Bayerisches Landesamt für Umwelt	368	Tourismus (https://bayerncloud.digital/),				



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.

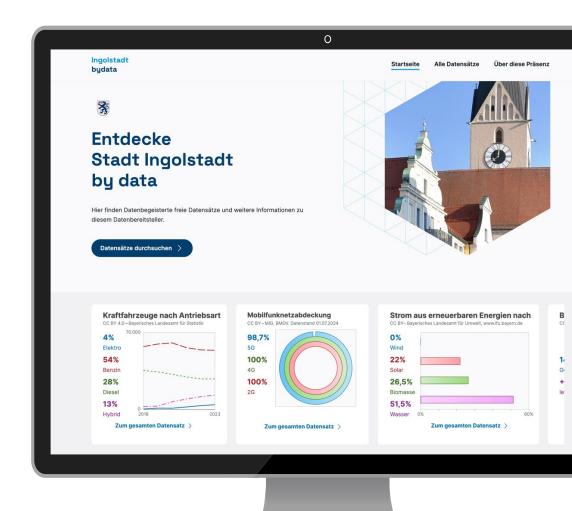
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oc.bydata, open bydata competence center





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

By integrating a quality script into the harvesting process:

Check	Status	Subsequent autotamic clean-up & adjustment		
\checkmark 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.		
\checkmark 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.

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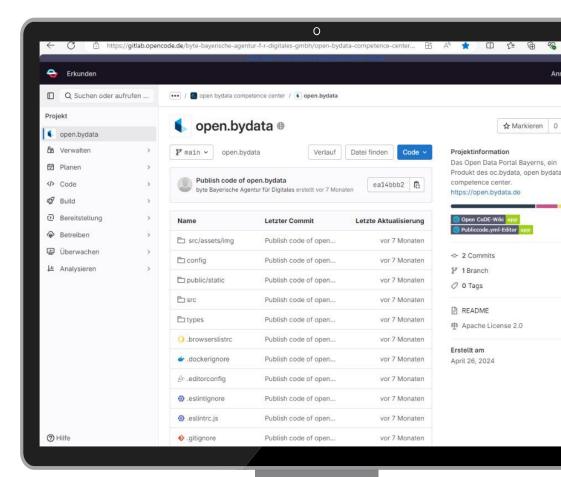
We use the "piveau" software as the basis for the portal - cloudnative development, deployed on Kubernetes and open source.

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

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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 developement.

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 <u>2025</u> 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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