

# The Open Urban Data Community

Making smarter use of urban data together

# At a glance

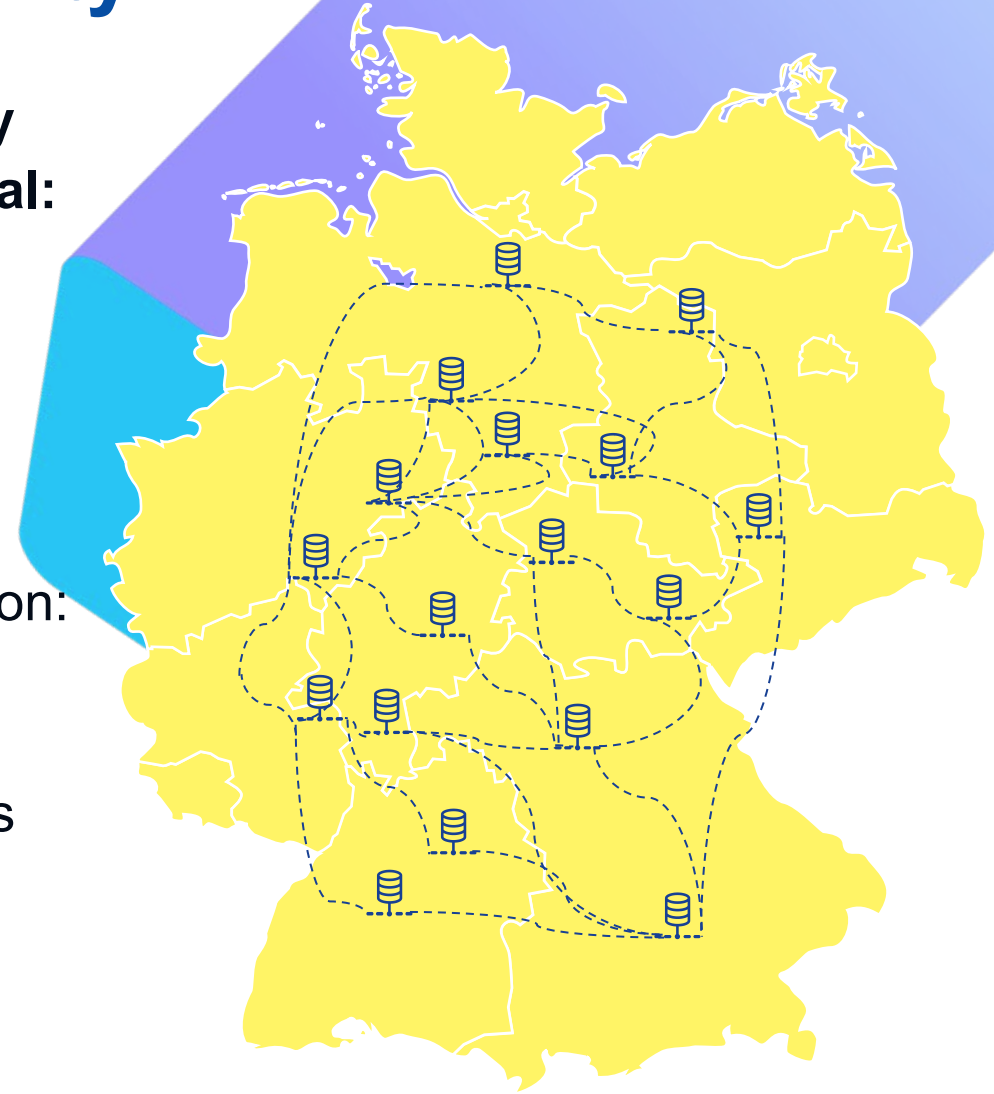
- 01 What is the Urban Data Community?
- 02 Which advantages does the Community offer?
- 03 What is included in the Community offer?
- 04 How can you become active & profit directly?

# 01 What is the Urban Data Community?

**The Urban Data Community (UDC) is an open community for municipalities and municipal enterprises with one goal: to use urban data based on open source technology to make cities and regions sustainable and resilient for citizens.**

The basis for comprehensive effectiveness of data-based solutions is close, practice-oriented inter-municipal cooperation: so that individual lighthouse projects become a sea of lights consisting of sustainable applications. As DKSR, we offer diverse formats within the framework of the UDC to make this possible.

**Join in - and benefit from the collaboration!**



# 01 What is the Urban Data Community?

## Behind the organization

We are the Data Competence Center for Cities and Regions, or DKSR for short.

**We want data-based solutions for sustainable and resilient cities and regions to be applied comprehensively.**

This is why we work to simplify cross-organizational data use: with our Open Urban Data Platform, our consulting and our networking. **Going beyond exchange and directly into implementation...**

**...within the Open Urban Data Community - with you as fellow members!**





## 02 Which advantages does the community offer?

### A strong network

To ensure **exchange of experience and networking**, on behalf of the community we work closely with **municipalities, municipal companies and partners** - throughout Germany and beyond.



RheinEnergie

STU



STADTWERKE WUPPERTAL



Landeshauptstadt Mainz



Landeshauptstadt München



Landkreis Gießen

Karlsruhe

Stadtwerke

Urban Development Community

VILLE DE LYON

OANNINA  
OLD. NEW. YOU  
GREECE



BUDAPEST

CASCAIS



Deutscher Städte- und Gemeindebund

# 02 Which benefits does the community offer?

## Discover what we invite you to

### Participation & Codecision

Get involved! You decide which topics are upcoming and which (open source) solutions you want to implement together with the community.

### Large portfolio of implementations

The community has an extensive portfolio of scalable implementations. You can use these for further development and save development costs through the templates. A win-win situation for all involved!

### Exchange of experience & networking

Exchange ideas with other municipalities and municipal actors on current urban challenges: Together we can break new ground and move (data) mountains!

### Free access to existing solution code

As a municipality, you get free access to the community GitHub, where the DKSR platform code and already developed solution codes are located. Open source is the backbone of the community!

### Matchmaking, participation in events, advice

Whether you are looking for a sparring partner, want information on topics related to urban data use, or need advice: We support you!

### Reward for sharing developed solution codes

As soon as you develop a solution with us and make it available to the community as open source, you will receive a bonus in the form of community coins. These can be used for additional services.

## 02 What advantages does the community offer?

### Participation & codecision



**The community thrives on your participation and codecision!**

This means that you...

- decide about topics & contents
- decide on implementations and goals
- communicate your support needs and share them with others in the community



# 03 What does the community offer?

## Formats, updates & technology



### Brown Bag Lunch

Monthly [exchange format](#) on various smart city topics (events held in German)



### Web portal Square

Solution showcase & [implementation hub](#) with code access for municipalities



### Optional: Network meetings, implementation workshops

Hands on formats for the joint implementation of data-based solutions



### Symposium Urban Data Summit

Interactive [symposium](#) on intermunicipal cooperation for Smart Cities & Regions - together with our partners



### Digital working aids

[Checklists & hands-on background knowledge](#) for a shorter route to Smart Cities & Regions.



### Shared code & Community Coins

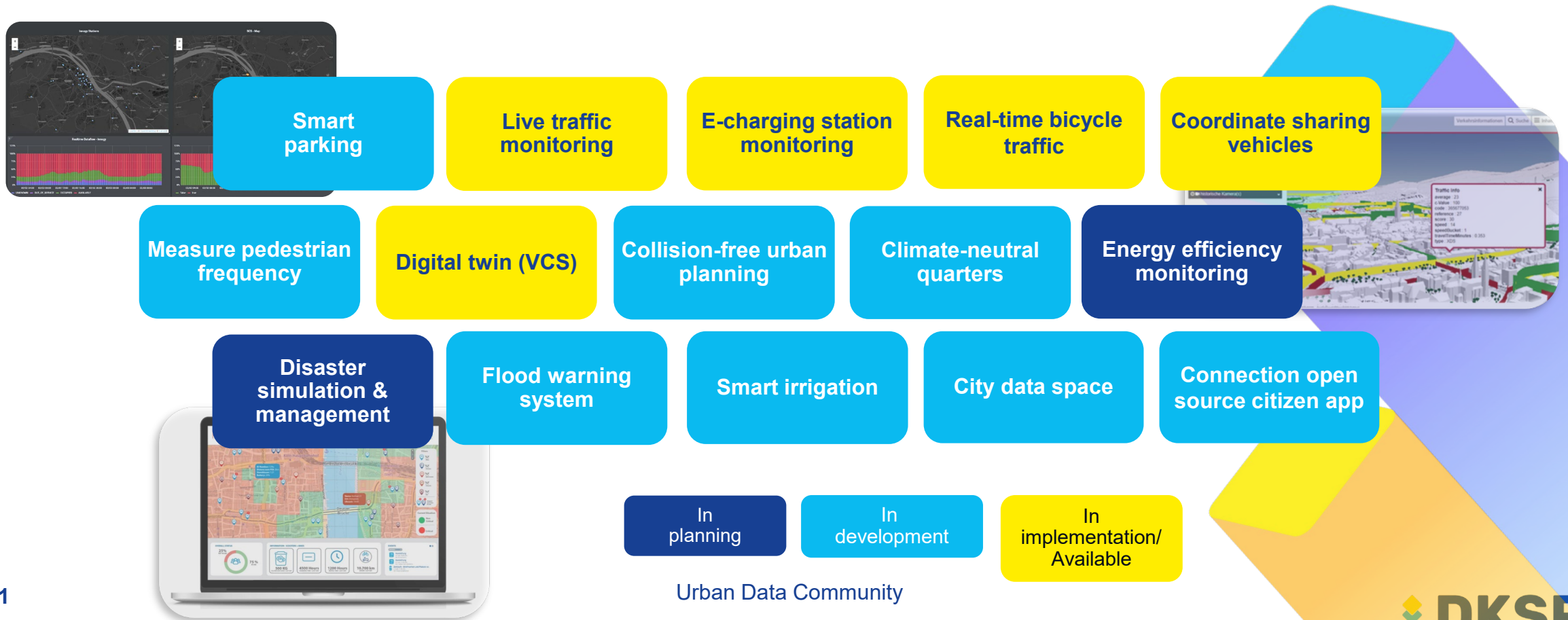
Solution codes from member cities on the [Github](#) and OpenCoDE - and rewards for sharing through community coins.



# 03 What does the community offering include?

## The implementation portfolio

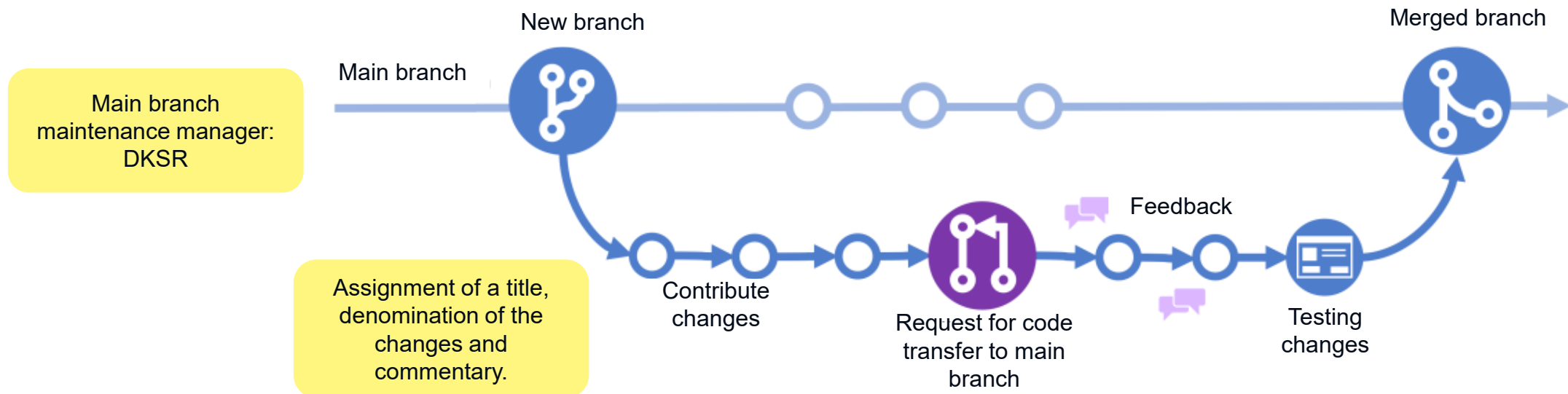
Together, we have already **planned**, **developed** and **accompanied numerous implementations** for cities and regions. The focus is on the replicability of the applications: We make the **solution codes** available on the **open source community GitHub** after release.



# 04 How can you become active & benefit directly?

## Access code

**Optimizing implementations** with an **open source code** requires **active participation** of developers. The improvement works by creating and editing new "branches" of the existing code.



# 04 How can you become active & benefit directly?

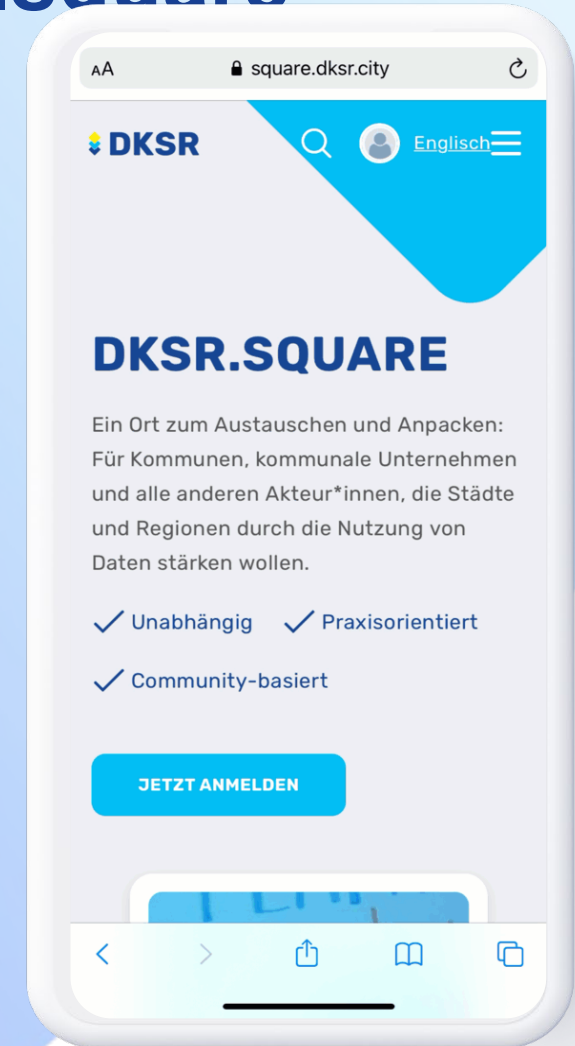
## Reward through Community Coins

- The **Urban Data Community (UDC)** thrives on the **exchange** among its members to jointly develop and implement **data-based solutions for sustainable smart cities and regions**.
- The UDC is thus a **community of practice** in which knowledge such as concrete applications and solution codes are **shared**.
- Incentives for sharing are provided by a **bonus system** that rewards members in the form of **community coins** for **developing solutions (e.g. connectors and applications)** that are made available to the community.
- Coins can be used for additional **development and consulting services at DKSR**.



## 04 How can you become active & benefit directly? Implementation portal DKSR.square

- You can find **all information about the implementations** from the community portfolio on [DKSR.square](https://square.dksr.city).
- You get an overview of **data-based implementations, applications, data and products** - depending on the challenge you are facing, you will find your answers on DKSR.square.
- In addition, there are **hands-on working aids** in the form of checklists & introductions.
- If you are interested in an implementation or a product, you can **contact the responsible person or us directly**.





# 04 How can you become active & benefit directly?

## Tying in with current projects

### Smart City area

### Topic

### Municipality(ies)

Digital twin

Traffic management, live traffic data monitoring, collision-free planning

City of Freiburg, City of Aachen, TwinBy - 18 Bavarian funding projects

Mobility

Coordinate sharing offers

City of Cologne / Kudos

Mobility

E-charging station monitoring

City of Mainz / Mainzer Stadtwerke, City of Mönchengladbach

Mobility

Smart parking

Region of Kärnten

Urban planning

Inner city development

City of Troisdorf

Smart quarters

Energy management & monitoring for climate-positive neighborhoods

Munich, Lyon, Alba Iulia, Budapest, Charleroi, Porto, Prag, Stockholm

Smart rural regions

Use case development for data use in smart regions

Ilzer Land, District Gießen, District Meißen

Data infrastructure

Preparation of a municipal data infrastructure

District Gießen, City of Stuttgart

Inter-municipal data infrastructure

Secure infrastructure & simple user interface for data exchange of various organizations

PoC: City of Mainz, Mainzer Stadtwerke

Data Trust /Data Infrastructure

Municipal data trust for digital building twin; process efficiency for developers and municipalities

City of Mainz / Mainzer Stadtwerke, City of Leipzig

# 04 How can you become active & benefit directly?



## Checklist for the next steps

### For horizon broadening and live exchange...

- ☐ ... check current dates & events on the [website](#).
- ☐ ...join our Brown Bag Lunches on various smart city topics (held in German).
- ☐ ... participate in determining topics for the next event formats.

### For fast implementations...

- ☐ ...get an overview of latest [data products and applications](#) on DKSR.square.
- ☐ ...access [codes of existing sustainable implementations](#) of cities.

### For knowledge increase...

- ☐ ...find current [smart city solutions](#) for municipal challenges at DKSR.square.
- ☐ ...download hands-on [working aids](#) for a confident path to a smart city.

...You need something else from us? Get in touch via [community@dksr.city](mailto:community@dksr.city)!

# You have questions? Feel free to contact us!



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