

[About us]

[ui!] was founded in 2012 with the goal of supporting communities in their efforts to jointly develop and meaningfully implement innovative concepts and solutions in the sense of a Smart City / Smart Region.

The focus of our activities is on data- and AI-based solutions developed "as a service", based on our Open Urban Data Platform - [ui!] UrbanPulse, for cities, communities, communal businesses as well as utilities and waste management companies. Central application areas are traffic, parking, environment, climate protection, street lighting, energy and neighborhood management.

[ui!] has five locations in Germany as well as international offices in Brisbane (Australia), Budapest (Hungary), Oxford (UK) and New York (USA).

We are the initiator of the SMART CITY Forum with over 500 members, including representatives from cities, public utilities, regions, politics, universities, research institutes and companies. The goal is a joint exchange on the key topics of Smart City and Smart Region, cooperation in several working groups, and the development of several DIN specifications, including for use in public sectors.

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[ui!]

Communal Digitalization



Your urban data in real-time on a central platform

Powered by  **FIWARE**

DIN

DIN Spec 91357
Reference Architecture Model Open
Urban Platform (OUP)



Reference architecture created by
the **SMART CITY Forum** with DIN as
a standardized framework in public
procurement for Open Urban Data
Platforms.



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[ui!] UrbanPulse

[Creating Added Value]

Advancing urbanization and the associated challenges, including in urban and regional infrastructures, mobility and energy, requires a new, networked approach.

Resource-conserving and environmentally compatible actions on the one hand, and situation-appropriate and measured decision-making on the other, require extensive data from many, previously isolated systems within a community.

[ui!] would like to support communities, cities, public utilities and regions on their way to a Smart City / Smart Region and offers its many years of experience in this field. We support your community from the first idea to the realization and are available to you as a reliable and competent partner.

[Solutions]

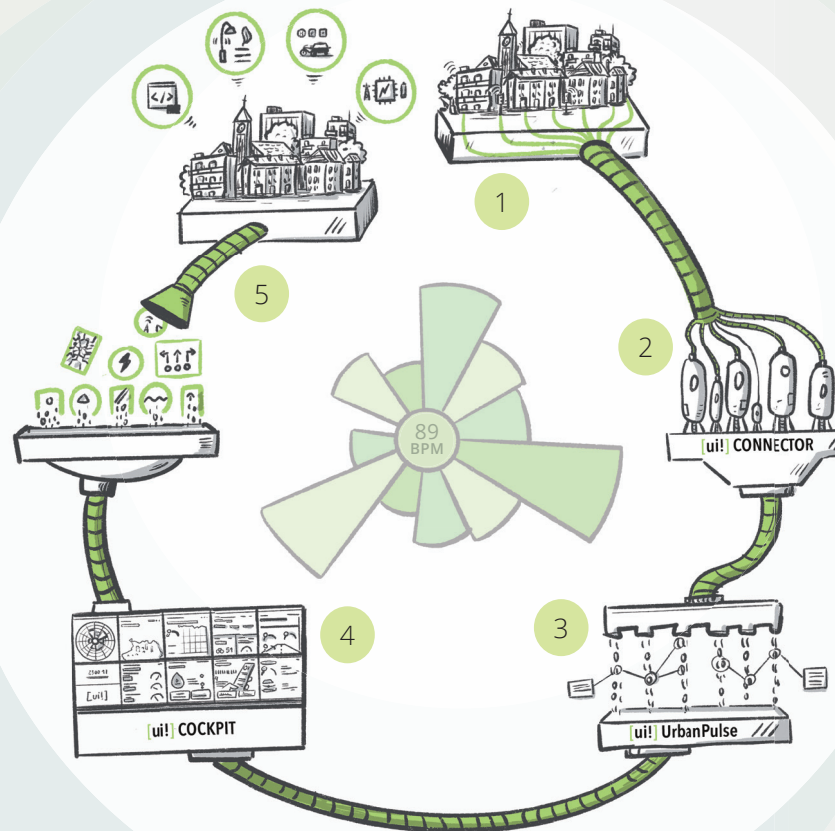
Your city or region collects a lot of data, which is collected in the responsible departments of the administration [1], but is often not used or analyzed further and remains in so-called "silos". This includes environmental and climate data, current traffic data, parking space information, data from waste disposal and many others.

The data from the various existing systems, specialized procedures or new smart infrastructures of a community are now collected with the help of connectors [2] and forwarded to the Open Urban Data Platform - [ui!] UrbanPulse.

Your community is then given the opportunity to view all collected urban data holistically and in real-time, analyze it and make it available for further use [3].

[ui!] UrbanPulse implements the vision of the Open Urban Platforms as formulated by the European Innovation Partnership Smart Cities and Communities (EIP) and specified in DIN SPEC 91357 in an all-encompassing way.

Urban data is processed by means of the data platform in such a way that it is visualized in real-time with a [ui!] COCKPIT [4] and is available for further use as added value for citizens, employees of the administration and third parties (e.g. local companies) [5].



[FAQ]

Who owns the data?

In your community, large amounts of different data from various systems accumulate, and you should keep an eye on all of them as part of your data sovereignty. To be able to organize your community's data, it should be organized and structured by means of an integrated, open and real-time capable data platform and its analysis tools. [ui!] UrbanPulse supports you in these tasks and allows you to have an overview of all your data and its usage at any time.

Integrate existing data?

The integration of already existing specialized procedures, sensors and other systems is possible without problems and very easily by means of our rapidly growing library of developed connectors. You also have the option of creating additional connectors free of charge with the help of an SDK.

Open Source

[ui!] supports the initiative "Morgenstadt Urban Data Community" and its open source data platform according to DIN SPEC 91357 - via the Data Competence Center for Cities and Regions (DKSR) on the basis of [ui!] UrbanPulse.

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Experience advantages on site!

Order your [ui!] UrbanPulse today via our communal marketplace [ui!] AGORA (for 6 or 12 months) and get to know the possibilities and advantages for your city or region on site and with your own data. More information at: <https://agora.umi.city>.