



Utility Platform

For strengthening partnerships
of municipal utilities worldwide

INTRO: LOOKING AT EXEMPLARY OUTCOMES

25th of April, 10am

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Partnerships of the Utility Platform

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Water Operators' Partnerships	
Hamburg Wasser, Hanse Wasser/Bremen	Miyahana, Amman, Jordan
Hamburg Wasser, Netze BW/Stuttgart	Kahama-Shinyanga Water Supply and Sanitation Authority (KASHWASA), Kahama Water Supply and Sanitation Authority (KUWASA), Tanzania
Hamburg Wasser	eThekweni Metropolitan Municipality, Durban, South Africa (GWOPA EU-WOP)
Hamburg Wasser	Kyivvodokanal, Kyiv, Ukraine
Oldenburgisch-Ostfriesischer Wasserverband (OOWV), Wupperverband	Buffalo City Metropolitan Municipality, South Africa
Oldenburgisch-Ostfriesischer Wasserverband (OOWV)	Miskvodokanal, Sumy, Chernihivvodokanal, Chernihiv, Ukraine
Stadtentwässerung Dresden, ZWAV Plauen, Fernwasserversorgung Elbaue-Ostharz, Torgau	Stadtentwässerung Dresden, Berliner Wasserbetriebe, Stadtentwässerungsbetriebe Köln
Gelsenwasser AG, Emschergenossenschaft/Lippeverband	Lukanga Water and Sewerage Company, Kabwe, Zambia
Gelsenwasser AG, Gelsenkirchen	Kremenchukvodokanal, Kremenchuk, Ukraine
Emschergenossenschaft/Lippeverband, Essen	Zhytomyrvodokanal, Zhytomyr, Ukraine
MVV-Netze Mannheim	Chernivtsivodokanal, Chernivtsi, Ukraine
Zweckverband Wasser/Abwasser Bornaer Land, Borna, BELKAW, Bergisch-Gladbach	Irpivodokanal, Irpin, Bucha, Ukraine
Stadtwerke Bielefeld, Bielefeld	Cherkassyvodokanal, Cherkassy, Ukraine
Rheinisch-Westfälische Wasserwerksgesellschaft mbH, Gladbeck	Mykolaivvodokanal, Mykolaiv, Ukraine
Netze BW GmbH, Stuttgart	Kharkivvodokanal, Kharkiv, Ukraine
Ruhrverband, Essen	Zaporizhzhiavodokanal, Zaporizhzhia, Ukraine
Energieversorgung Dormagen (evd), Technische Betriebe Dormagen, Ruhrverband, Essen	Eastern Water and Sanitation Company, Chipata, Zambia
Bonn Netz	Chersonvodokanal, Cherson, Ukraine
Eigenbetrieb WABAU, Baruth/Mark	Husiatynvodokanal, Husiatyn, Ukraine
Netze BW GmbH, Stuttgart	Apä-Canal Chisinau, Moldova
LWG Lausitzer Wasser, Cottbus	Su Canal Comrat, Moldova
Utility partnerships in the solid waste sector	
Bergischer Abfallwirtschaftsverband	Ecoservice-2022, Lubenskyi District, Ukraine
Entsorgungsbetriebe Lüneburg	Sarandë, Cërrik, Albania

OVERALL PARTNERSHIP RESULTS

- Impressing how fast the partners have engaged in a deep bond and have started working on the ground. This usually takes much longer.
- Dozens of missions and job shadowings have taken place in the past years. Partners also visited fairs together.
- During the difficult times of the Russian-Ukrainian war, dozens of aid deliveries were organized for the Ukrainian water supply companies with urgently needed water equipment. → Restoration of essential water infrastructure with the help of German partners.
- Partnership-based cooperation not only leads to progress in hard skills, but also in soft skills.
- The close professional exchange regularly contributes to building reliable relationships.
- Utility partnerships make it clear that long-standing local problems can often be successfully solved through an exchange with external perspectives.



GELSENWASSER, EMSCHER EGLV – LUKANGA (ZAMBIA)

- Start of the partnership: **2021**
- **Rehabilitation of the pumping station** at Mushimbili Dam in Kapiri Town serving **65,000 people**.
- **Rehabilitation** and relaunch of an **elevated tank** in Chisamba town for over 15,000 people
- **Relaunch of a wastewater treatment** plant in Kapiri Moshi, which had been shut down for 10 years (for approx. **6,000 people**)
- Improvement of the **water loss strategy**
- Installation of **meters**, improvement of the **Geographic Information System (GIS)** to manage and monitor the drinking water network
- Introduction of an **asset management** system.



HAMBURG WASSER, HANSEWASSER – MIYAHUNA, AMMAN (JORDAN)



- Start of the partnership: **2021**
- The main focus areas of the partnership are **optimization of drinking water production, water quality and KPI system, wastewater and sludge management.**
- Highlight: While working on the optimization of drinking water production during the partnership, the dosing points for chemicals (coagulation metering room, polymer inlet flocculation), and filtration were improved. Among other technical impacts, this also resulted in **monthly average cost savings of more around 38,600 EUR.**

HAMBURG WASSER, NETZE BW – KASHWASA AND KUWASA (TANZANIA)

- Start of the partnership: **2022**
- Developing a more accurate information base about the **water system e. g. NRW, leakages, pressure, flows**
- Joint problem-solving on **reducing** chemical consumption, conduct jar tests for **flocculant etc.**, optimizing **filter backwash** processes and **dosing points** etc.
- Trainings on and new software for the **GIS system**

*“GIS has allowed us to simplify working procedures, i. e. our meter readers do not need to go to site to identify new customers because this task is done by technical technicians by correct capturing of coordinates and shared to all other stakeholders.”
(quote KUWASA staff)*

- Introduction of new **human resource** management tools
- Potential support through UWCI for KUWASA from 2025 on



OOWV, WUPPERVERBAND – BCMM BUFFALO CITY (SOUTH AFRICA)

- Start of the partnership: **February 2022**
- set-up of **water quality monitoring plans** and joint development of **ideas** for setting up **protection zones at the water source**
- Set-up of automatic systems for internal and external **wastewater testing** processes (LIMS and logbook)
- joint **school campaign** on **world water day** at the three operator locations in Germany and South Africa
- Formation of **new working routines**



DRESDEN, TORGAU, PLAUEN – LUAPULA (ZAMBIA)

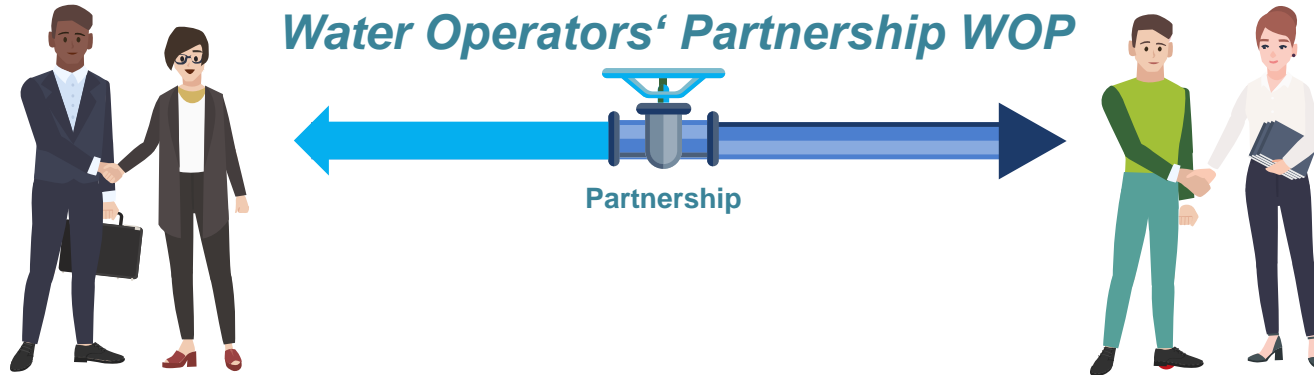
- May 2022 to July 2023: Funding by Utility Platform
- August 2023 to now: Funding by the EU-program of the Global Water Operators' Partnership Alliance (GWOPA)
- The rather short project provided a **bridging function** until the partnership transitioned to the EU program of GWOPA
- Consolidation of the partnership by doing a two-week fact-finding mission → Partners became highly motivated to work together and learn from each other.
- Until summer 2023, partners had defined five thematic work areas



WHAT ARE SOLIDARITY OPERATOR PARTNERSHIPS?

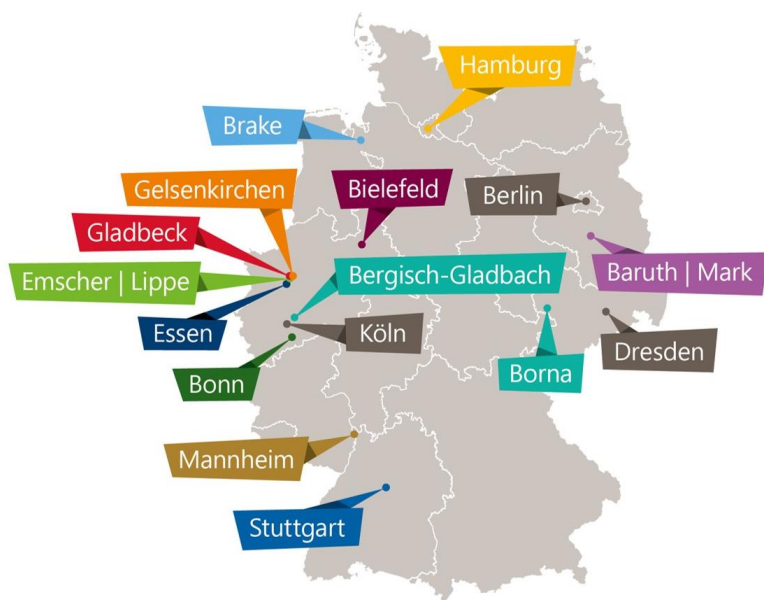


Focus of the solidarity operator partnerships in Ukraine:
Procurement of necessary technical equipment and **accompanying peer-to-peer exchange** for the maintenance and sustainable organization of service provision and the rehabilitation of critical infrastructure.



SOLIDARITY OPERATOR PARTNERSHIPS

As of April 2024: **16 active partnerships** with Ukrainian operators.



DRESDEN, BERLIN, COLOGNE – LVIV, TERNOPIL, NADVIRNA (UKRAINE)



- Start of the partnerships: Lvivvodokanal in **2021**, Ternopilvodokanal and Nadvirnavodokanal: **2022**
- Two weeks after the start of the full-scale war, a **relief convoy** with urgently needed generators and chemicals for water purification was organized for Lviv.
- Ukrainian delegations have been making **regular visits to Germany**, e.g. in June 2023 **female Ukrainian laboratory technicians participated** in a specialized laboratory course conducted by the German Regional Association Sachsen-Thüringen for Water, Wastewater and Waste.
- Donation of a big vehicle for Ternopil. Additional equipment for Ternopil and Lviv is ready for transport and will be sent in the next weeks.

OOWV – CHERNIHIV AND SUMY (UKRAINE)



- Start of the partnership: **September 2022**
- Since the beginning of the full-scale war, both Miskvodokanal (Sumy) and Chernihivvodokanal have been affected by Russian military attacks. Partnership with the OOWV aims to support in **rebuilding the destroyed water operator's infrastructure**. The main focus of these partnerships is to assist Ukrainian utilities in resuming their daily operations through targeted **procurements**.
- **Visits in Germany** and knowledge exchange between the utilities are also planned for the upcoming months, such as participation in the **ReBuild Ukraine Conference** in Warsaw and the **Ukrainian-German Partnership Congress** in Leipzig.
- A **laboratory course for female Ukrainians** took place.

DONATED GOODS UKRAINE

As of 18th April 2024



THANK YOU FOR YOUR ATTENTION!

Utility Platform Website



Newsletter

<https://www.utility-platform.de/en/media-centre/newsletter>

LinkedIn

www.linkedin.com/in/utility-platform-6a0216265/

