



International Association  
of Water Supply Companies  
in the Danube River  
Catchment Area

Danube  
Learning  
Partnership



EE

# Energy Efficiency in Water Supply and Sanitation Utilities



**GAIN** practical experience on  
energy efficiency measures

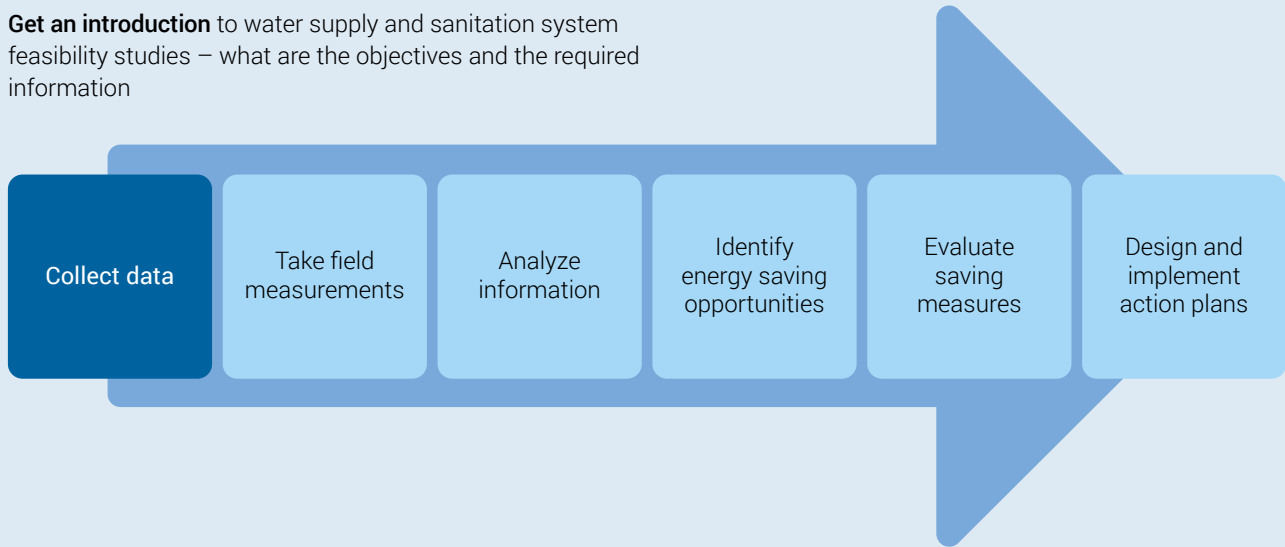
**LEARN** from other  
practitioners in the sector

**BE UP TO DATE** on the  
latest trends in the sector

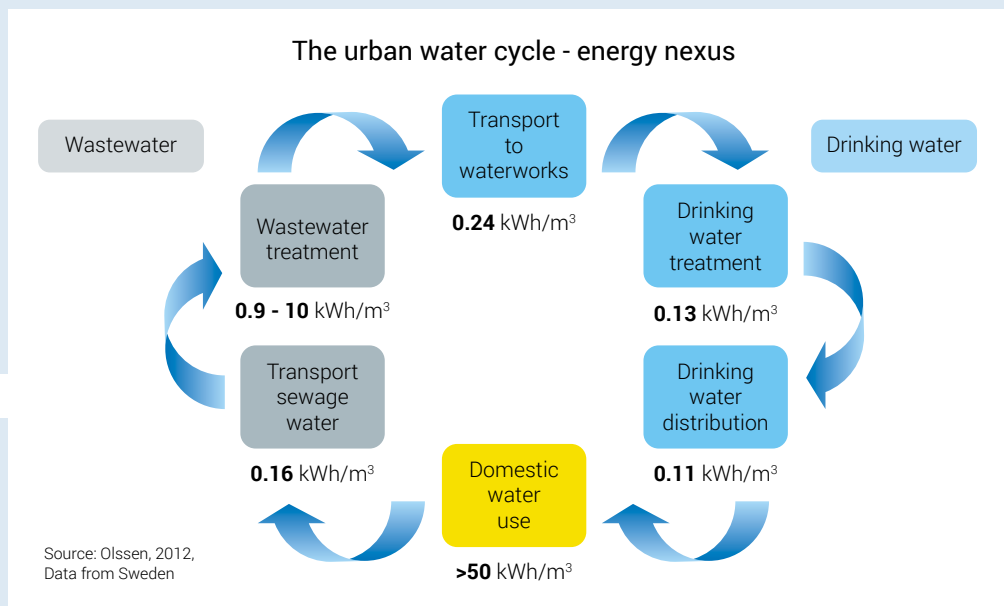
**BENEFIT** from regional and  
global experiences from other  
utilities and experts

# Energy Efficiency in Water Supply and Sanitation Utilities

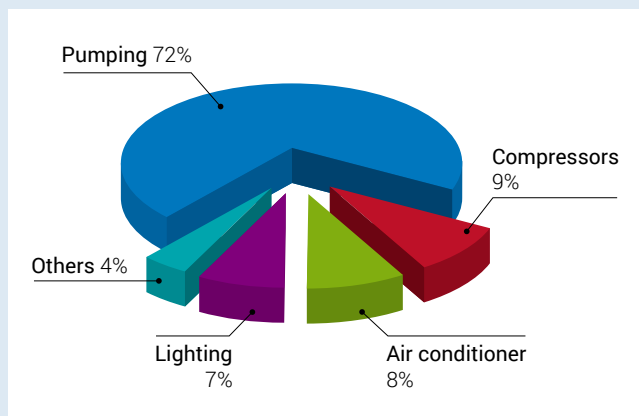
**Get an introduction** to water supply and sanitation system feasibility studies – what are the objectives and the required information



**Learn about** the energy consumption in water and wastewater infrastructure



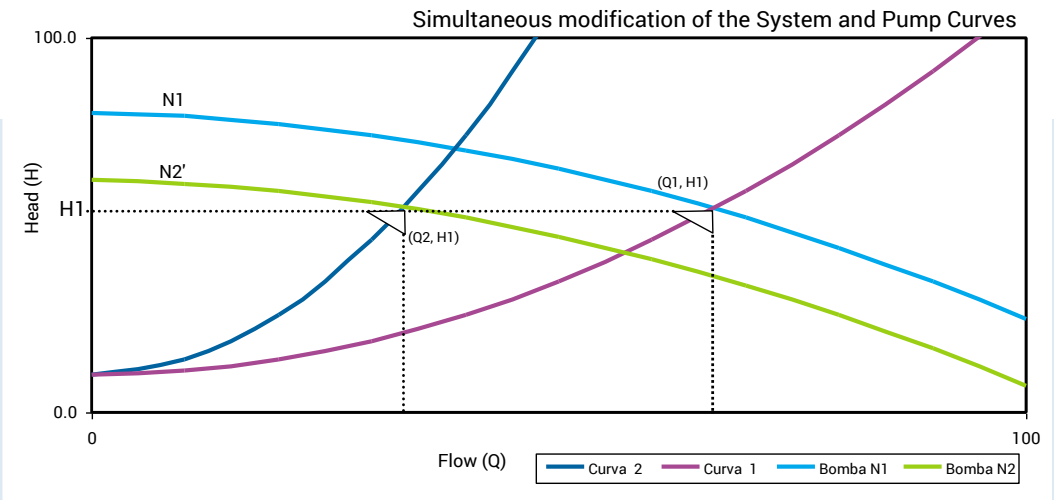
**Understand** the drivers of energy intensity



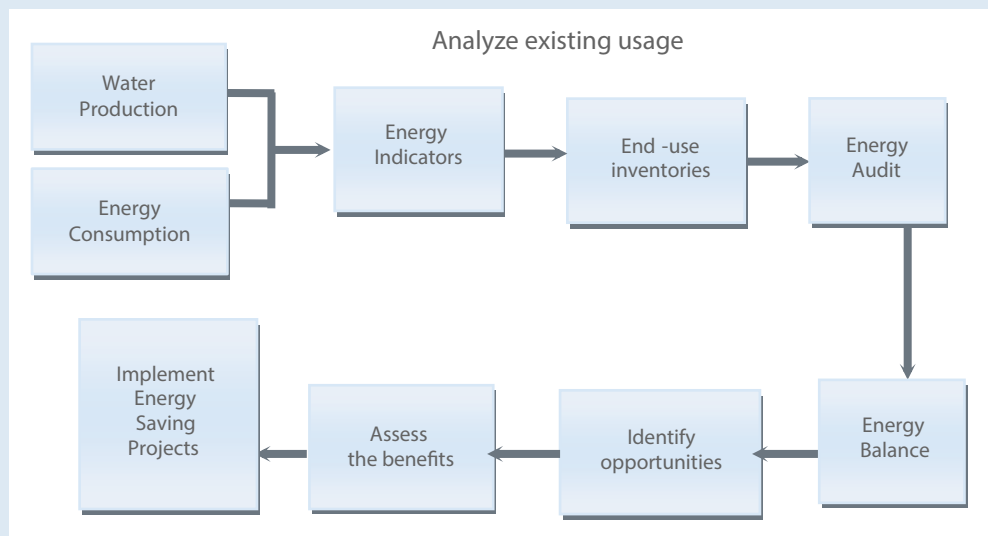
**Receive information** on pump system field energy audit techniques and tools and experience live demonstrations of the equipment



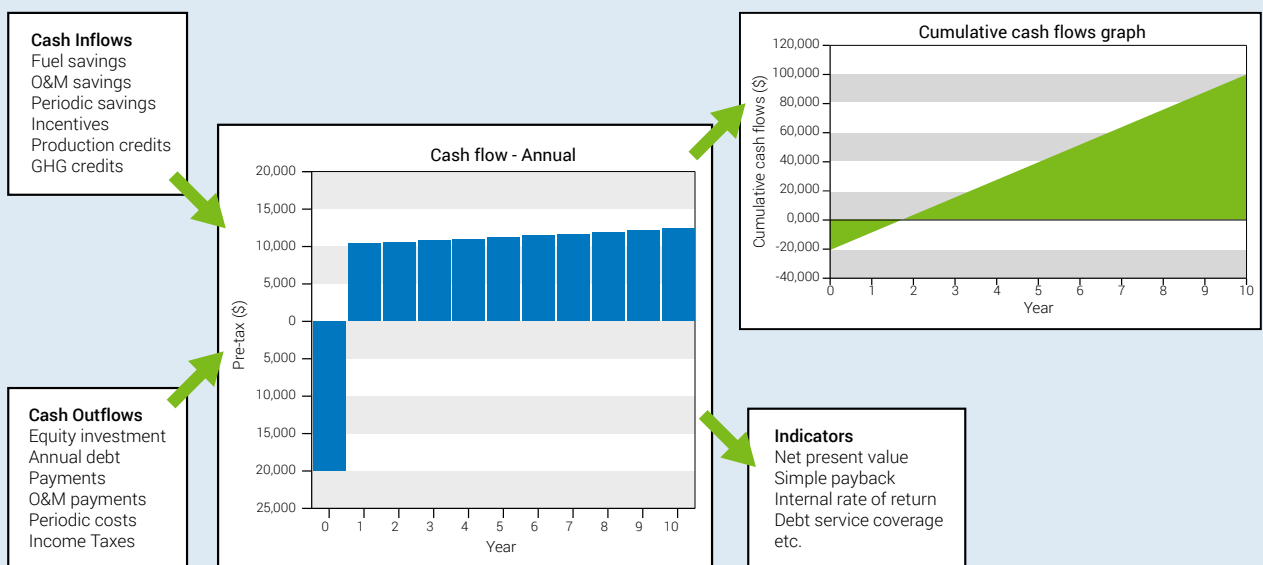
**Gain knowledge** on post field survey pump system analysis and measure identification



**Understand** a feasibility study report and the development of a retrofit proposal



**Develop** the financial structure of an energy efficiency improvement project



# Energy Efficiency in Water Supply and Sanitation Utilities

## Program description and covered topics

High energy costs often contribute to unsustainable operating costs that directly affect the financial health of water supply and sanitation utilities and affordability of their services. This Program supports participating utility companies in collecting, auditing and analyzing data related to their energy use and developing investment programs based on that data to support the reduction of energy costs and increase energy efficiency. The Program also assists in securing the financial resources to match the investments needs for energy efficiency.

The Program has been developed at the regional level in cooperation with the Technical Partner Econoler and is delivered by national or regional Hubs in local language. The duration of the Program is one year, and it consists of workshops as well as hands-on exercises at the utilities themselves with support of the trainers. Participating utilities pay a registration fee, which is communicated by the Hub.

## Set-up of Program

The Program is designed on learning-by-doing principles. It includes a mix of face-to-face training workshops providing tools and techniques to address the challenges faced and see them applied in practice, followed by on the job training, in which participating utilities apply the tools and techniques to their particular situation and develop concrete products (diagnostics, action plans etc.). The principles of blended learning are applied, i.e. face-to-face training is accompanied by e-learning material provided within the D-LeaP Academy.

For more information on the Program concept and design please visit [www.d-leap.org](http://www.d-leap.org)!

## Learning goals

How to carry out an energy audit?

How to develop an investment plan to address energy issues?

How to find resources needed to carry out energy efficiency investments?

## Hubs



**AQUASAN**, Aquasan Network in Bosnia and Herzegovina



**WASS**, Association for Water Preservation and Protection in the South of Serbia



**BWA**, Bulgarian Water Association



**SHUKALB**, Water Supply and Sewerage Association of Albania/**SHUKOS**, Water and Wastewater Works Association of Kosovo

## Contact

### Philip Weller

IAWD Head of Technical Secretariat  
+ 43 1 217 07 48  
weller@iawd.at

### Katerina Schilling

IAWD Knowledge Management & Capacity Building Coordinator  
+ 43 1 217 07 76  
schilling@iawd.at

## Technical Partner



**ECONOLER**



Danube Learning Partnership Secretariat  
c/o IAWD Technical Secretariat  
Praterstraße 31/17, A-1020 Vienna  
office@d-leap.org  
[www.d-leap.org](http://www.d-leap.org)

The Danube Learning Partnership is supported by



Smart policies, strong utilities, sustainable services