Unlocking energy efficiency in municipalities: water-energy nexus in existing water supply systems

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Copenhagen Centre on Energy Efficiency

- is a research and advisory institution dedicated to accelerating the uptake of energy efficiency policies, programmes and actions globally
- serves as Sustainable Energy for All (SEforALL's) Energy Efficiency Hub and supports doubling the global rate of energy efficiency improvement by 2030

Key Focus Areas

- Assisting policy change in countries and cities
- Accelerating action through innovative delivery models
- Raising the profile of Energy Efficiency
Recommended Webinars

Energy Efficiency in Municipal Buildings
Sep 9, 2020

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Carbon Reduction and Energy Efficiency in the Water and Wastewater sector
March 20, 2019

For more details, please follow the link below
Santiago Martinez Santaclara is an energy engineer with focus on energy technology and sustainable energy. As part of the Copenhagen Centre on Energy Efficiency, he engages with municipalities and national governments to try to accelerate the uptake of energy efficiency through the identification of specific actions to improve water supply, district energy and street lighting systems. Santiago is currently involved in providing technical support and know-how for the implementation of district heating (DH) and cooling (DC) solutions in developing countries (Chile, Mongolia, Malaysia, Serbia, India). He actively collaborates in the development of rapid assessment and pre-feasibility tool to study the techno-economic and socio-economic analysis of the potential implementation of DES, water supply and street lighting systems in developing countries.
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Question & Answer

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Q1. What actions should be prioritised in the whole water supply system to improve the overall water and energy performance?

Q2. What do you mean by operating the water systems out of the peak demand hours? Could we end up not covering all the demand?

Q3. My municipality and water utility budgets are quite constrained, how can I access finance to upgrade my system?