

The Future of Estonian Water Management

Deputy Secretary General for Maritime and Water Affairs in Estonian Ministry of Climate

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Internal Audit

Excecutive Assistant and Advisers to the Minister

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Human Resources Dept.



Deputy Secretary General on Environmental Protection and Biological Diversity

Biodiversity Protection Dept.

Environmental Management and Radiation Dept.

Forest Dept.



Deputy Secretary General on Green Transition

Green Transition Dept.

Climate Dept.

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Deputy Secretary General on Energy and Mineral Resources

Energy Dept.

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Circular Economy Dept.

Building and Living Environment Dept.



Deputy Secretary General on Mobility

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Maritime Dept.

Water Dept.



Deputy Secretary General on Strategy and Innovation

Crisis Management and IT Security Dept.

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Legal Dept.

Administrative Dept.

7 Deputy Secretary Generals 24 departments (+ Administrative Dept.)



Water management - the foundation of everything from a healthy human body to industry

- Approximately 1.1 million people use the public water supply and sewerage service.
- Around 200 000 people have to use a local solution for the collection/treatment of waste water and have a well for drinking water







HUNGER













ECONOMIC GROWTH















LIFE BELOW WATER



AND INFRASTRUCTURE

LIFE ON LAND



INEQUALITIES



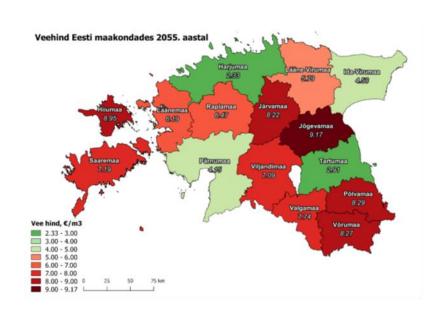


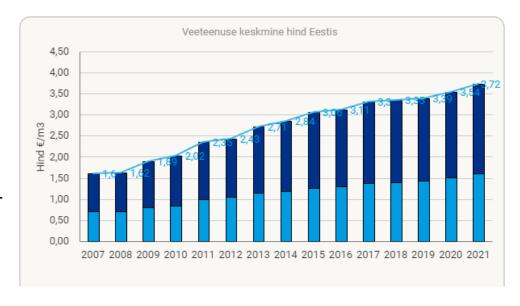
PARTNERSHIPS FOR THE GOALS



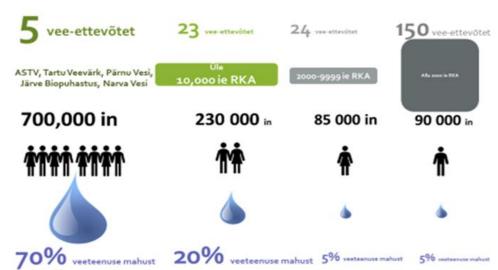
Water management priority 1/ Water service reform

- Average price of water service (2021.a) 3.72 € m³, which represents 1.1% of the average net income of a household member
- The need for investments in the next 15 years is ca 2 billion €, it is necessary to increase the price of the service public water supply and sewerage service if it represents 2.5% (~8.5 eur), which corresponds to 4% of the lower income decile
- According to the recommendation of the World Bank and OECD, the water price is still affordable 3-5% (~10-17 eur m³)
- Joining water companies into larger ones is essential





Vee-ettevõtete jaotus Eestis





Water management priority 2/ Water reuse

 Redesign the consumption of water resources, making more use of the water resources that have not been used so far from rainfall, mines, industry and household, so that clean water can continue.



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statista Z

VIIMSIS JOOGIVESI OTSAS! Kas till ja muru väärivad kastmist? Kohalik: "Mis probleemist te räägite – kraanist tuleb vesi kogu aeg!" (3)

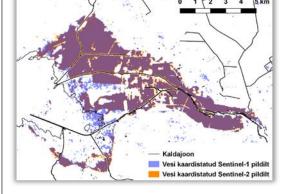


Water management priority 3/ Ensure better preparedness for adaptation to climate change and crises in the water field



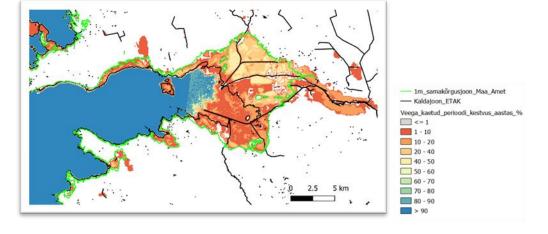








Statistilise üleujutuse teenuse näide:- vee esinemise sagedus Matsalu luhaalal 06.2019-06.2020





REPUBLIC OF ESTONIA Water management priority 4\/ Reduce pollution reaching water bodies and the sea



Agricultural pollution; pollution from waste water treatment plants; development of micro-pollution and 4th-stage treatment capabilities; pollution from medicinal products; industrial pollution; development of storm water systems.









Water management priority 5/ Reduce the footprint of water companies GHG and increase efficiency







LIFE IP CleanEST project improves the status of waterbodies in Viru sub-basin

