Interreg Baltic Sea Region

Co-funded by the European Union

VÄSTERVIKS KOMMUN

SUSTAINABLE WATERS
WaterMan

The WaterMan project

Final draft of the regional water recycling strategy for Västervik Municipality

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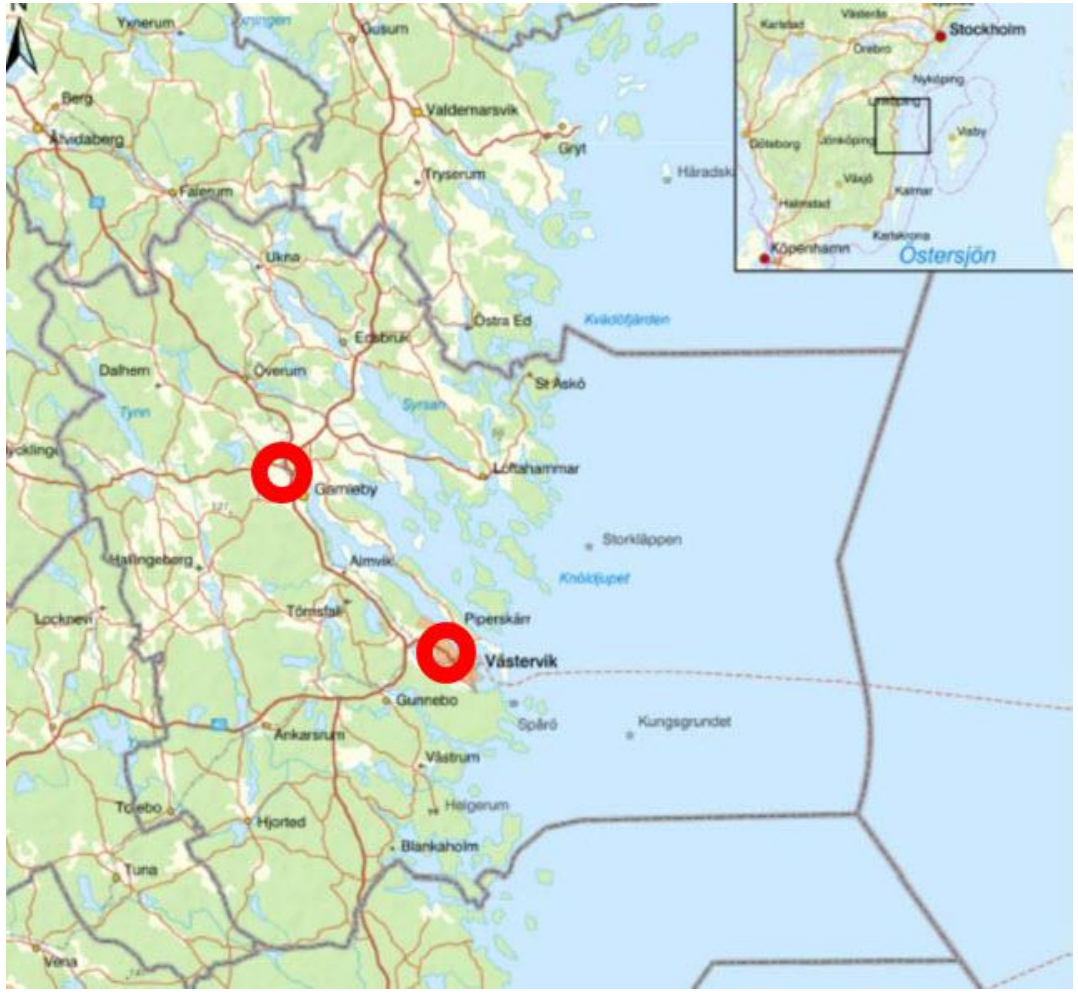
Västervik Municipality

Local model strategi Västervik

Main objectives

- Increase the problems with to much and to little of water
- Save drinking water
- Water retention
- Public raw model, good examples



Scope of the strategy

- ”Action plan”
  Political governance in existing strategies

- Goals
  Save drinking water, Water retention

- Focus – Use of storm water as a resource

- Document for Västervik municipality

Links to goals and strategies

Sustainable and open stormwater treatment

Sustainable supply of drinking water

- Action plan 2020-2030
- Measures in private gardens, streets, parking areas, industrial areas
- Measures in new projects (houses)
- No drinking water for irrigation (municipality owned)

Action plan Step 1

Low hanging fruits

- Irrigation sportfields
- Irrigation private gardens

Action plan Step 2

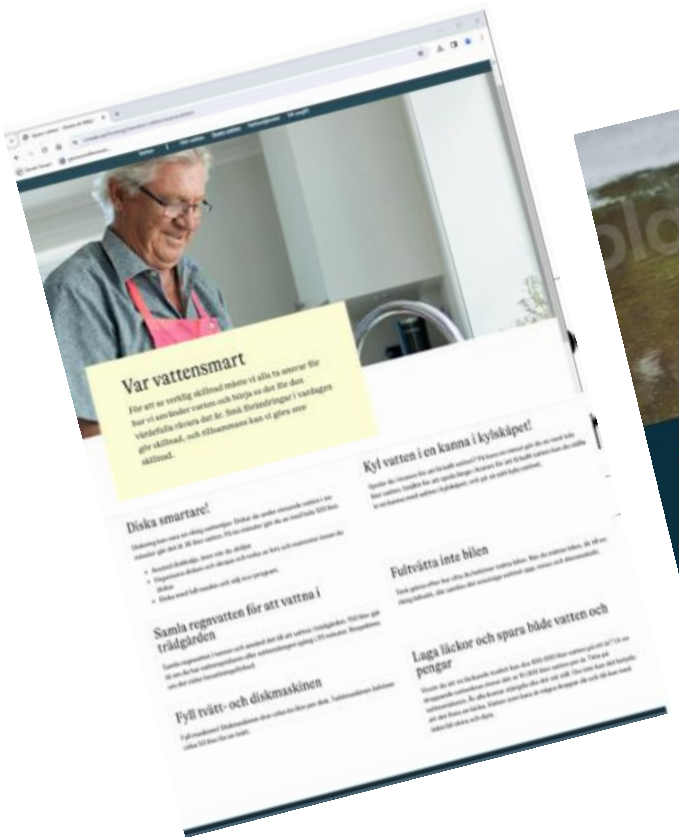
- Tap points for reuse of storm water Irrigation plantations/parks

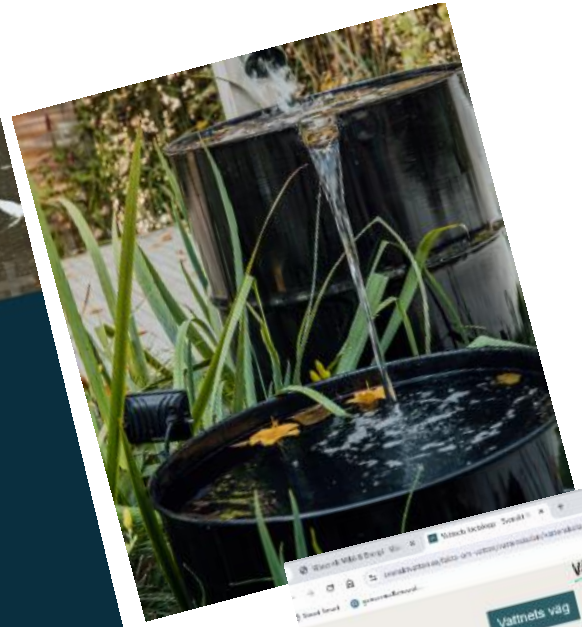
Action plan Step 3

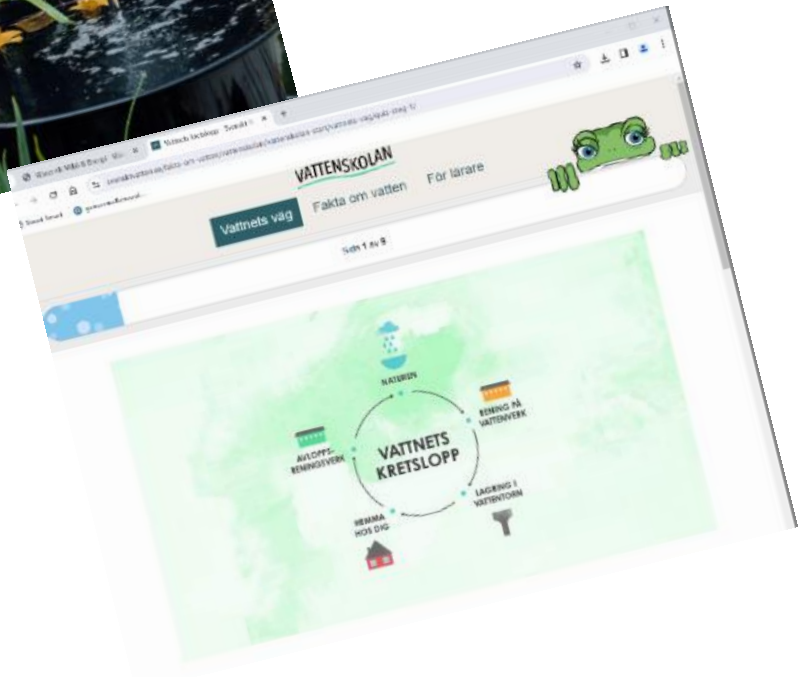
Involve private business
New users, information and dialog

- Water from the tap point
- Local rainwater/stormwater

Encourage/inspire to save water







Webpage, broschures, social media, newsletters

VÄSTERVIK Miljö Energi

Reduction in storm water tariff

- Retaining water gives 50 % reduction

Capacity based water tariff – incentive for water conservation

Water tariff

Brukningsavgifter (periodisk avgift)

Avgifter för allmänna vattentjänster är belagda med lagstadgad mervärdesskatt.

§ 14 Brukningsavgift för bebyggd fastighet

14.1 För **bebyggd fastighet** skall erläggas brukningsavgift.

Avgift utgår per fastighet med:

A	Grundavgift - en fast avgift per år	1 250 kr
B	Kubikmeteravgift - en avgift per m³ levererat vatten	25,50 kr
C	Kapacitetsavgift – en avgift per år och mätarkombination	
C1	Småhus	2 365 kr
C2	1 x 2,5 Qn	7 095 kr
C3	2 x 2,5 Qn	21 285 kr
C4	3 x 2,5 Qn	47 300 kr
C5	4 x 2,5 Qn	70 950 kr
C6	1 x 6 Qn	28 380 kr
C7	2 x 6 Qn	94 600 kr
C8	3 x 6 Qn	189 200 kr
C9	4 x 6 Qn	236 500 kr
C10	1 x 10 Qn	70 950 kr
C11	2 x 10 Qn	212 850 kr
C12	3 x 10 Qn	354 750 kr
C13	4 x 10 Qn	520 300 kr
C14	För småhus som saknar mätare tas avgift ut för motsvarande som för Småhus	2 365 kr
D1	Dagvattenavgift för småhus	1 065 kr
D2	Dagvattenavgift, per 1 000 m²	1 330 kr
D3	Dagvattenavgift för allmän platshållare – Dg (APH)	1,25 kr/m²

- Higher cost for water meter size for large capacity
- Incentive to use other water sources where drinking water quality it not needed

VÄSTERVIK Miljö Energi

Components and key actions

- Waterretention but also saving
- Focus on reuse of stormwater
- Good examples, information
- Low hanging fruits

Development process

- Muncipality
  Project managing, coordinating
- Together
  Local authority, Water company, Local housing company
  Project group
- Survey Problem/possibilities
- Information and contact with users

Challenges in implementation

- Make it a prioritated issue
- Time for stakeholders
- Motivated users (to realise proposed measures)

Adaptability

- Adaptability – Yes
  Adaptions possible – contacts, evaluation

- Potential for scaling up
  Easy for other to use the ideas

Final reflections

- Already implemended
- Work step by step
- Involve the users
- Reuse of storm water from ”multidams” are working
- Demands in Building permits/planning
- Technical water
  Not storm water, but potential with treated waste water
- Making interest Ripple effect

ALREADY IMPLEMENTED

START WITH LOW HANGING FRUITS AND THE BIG CONSUMERS

WORK STEP BY STEP

REUSE OF STORM WATER ARE WORKING

INVOLVE THE USERS

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The „BSR Water Recycling Toolbox" was elaborated as part of the WaterMan project, which is co-financed by the European Union (European Regional Development Fund) and implemented within the Interreg Baltic Sea Region Programme. More information:

eurobalt.org/WaterRecyclingToolbox
interreg-baltic.eu/project/waterman

WaterMan promotes a Baltic Sea Region-specific approach to water recycling, which makes use of the alternation of too much and too little water that has become typical for humid areas in the EU to strengthen the resilience of local water supply. Building on this approach, the project supports municipalities and water companies in adapting their water supply strategies.