



# Eco Municipality: Planning and steering towards reuse

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# Swedish eco municipality – in simple terms

- **Renewable natural resources**
- **Minimize the use of chemical compounds that cannot be broken down by nature**
- **Biodiversity, in nature and species**
- **Efficient use of natural resources**
- **Cross seccional cooperation**
- **Share experiences**

# Intersectoral cooperation

- **Create sustainable infrastructures/systems**  
For example: agriculture/organic waste/waste water
- **Implement the sustainability perspective in the daily work, planning and development**

# Genuine leadership

- **Managers and leaders** in society and organisations must be carriers of the visions and goals
- **The sustainability perspective** must be implemented in how we plan and develop our communities
- **Citizens and employees** can also become leaders for change. By using their power in elections, as members of organizations or as a consumers.

# About waste water...

# Consider the total benefit for the society



## Man made wetlands give multiple values

- Treatment of waste water
- Comprehensible system
- Biological values
- Pedagogical values
- Recreation values
- Landscape design

# Cloosing the loop for plant nutrients. Keep nutrients away from the rivers and sea.



1. Farming

3. Protection of lakes and rivers

2. Treatment plants and man made wetlands.

# We need a switch in how we consider waste water solutions

- Strive for a market where it is good business to save energy and natural resources.

From "how much can the environment stand?"

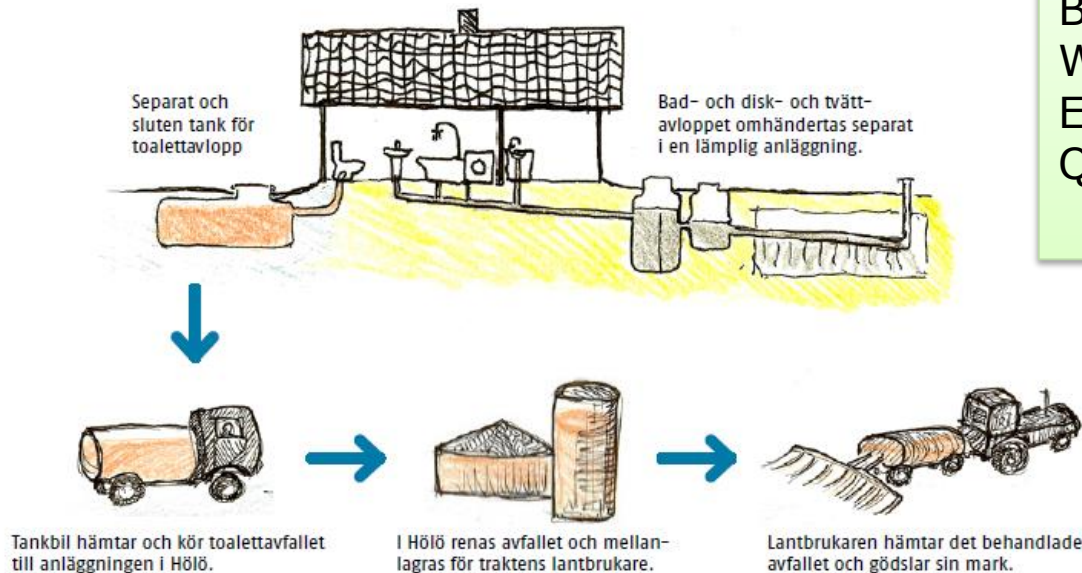


To "How are we gonna close the loops for plant nutrients?"



# Example of new version infrastructure for sustainable waste water treatment

**The Södertälje model**  
Blackwater-system  
Water saving  
Energy efficiency  
Quality of sludge





# Thank you!

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