



CLIMATE AND CLEAN AIR COALITION
TO REDUCE SHORT-LIVED CLIMATE POLLUTANTS

City of Stockholm

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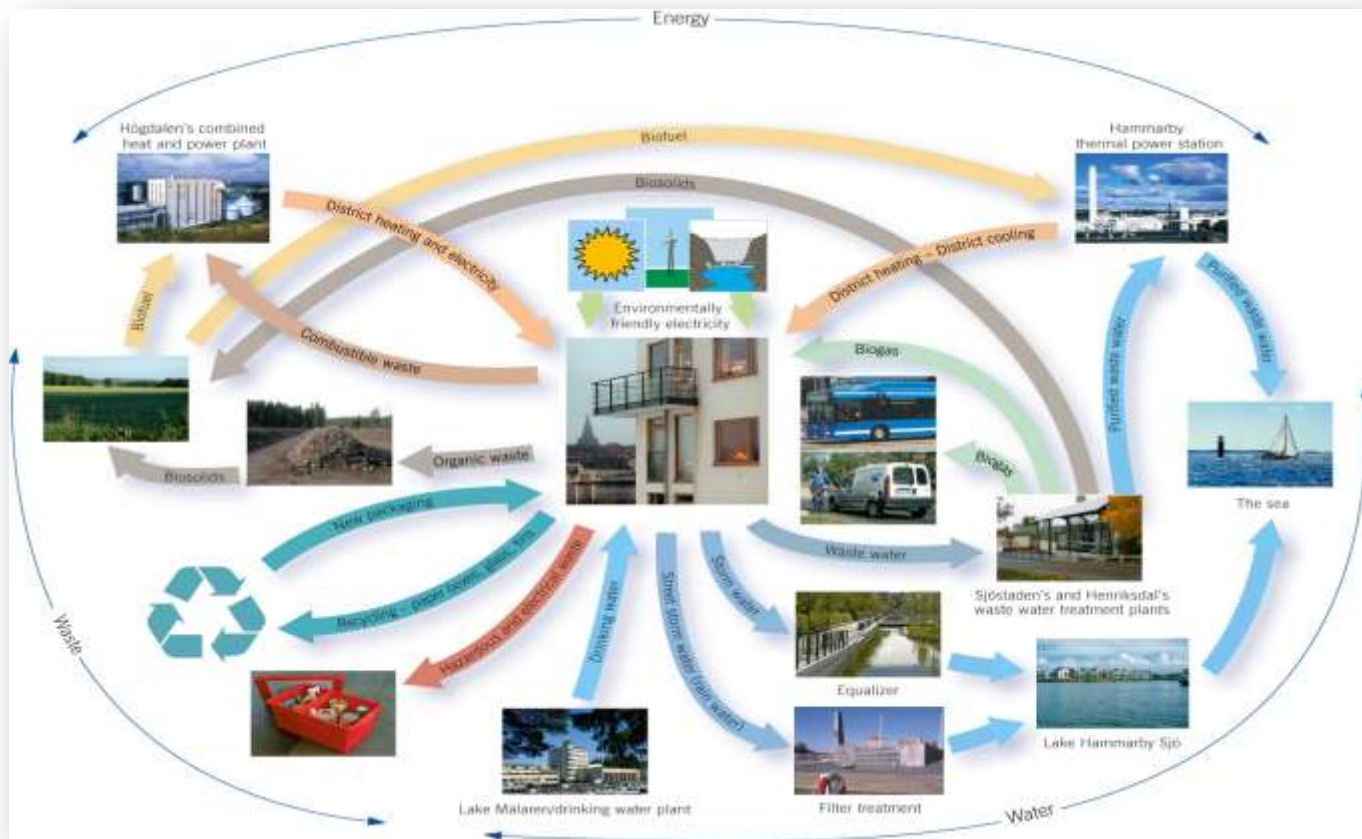
City of Stockholm

- Capital of Sweden
- 867 000 inhabitants
- 440 000 flats and villas.
- Located between Lake Mälaren and the Baltic Sea
- Built on 14 islands around the mediaeval city centre



Solid Waste Sector

The Sustainable City



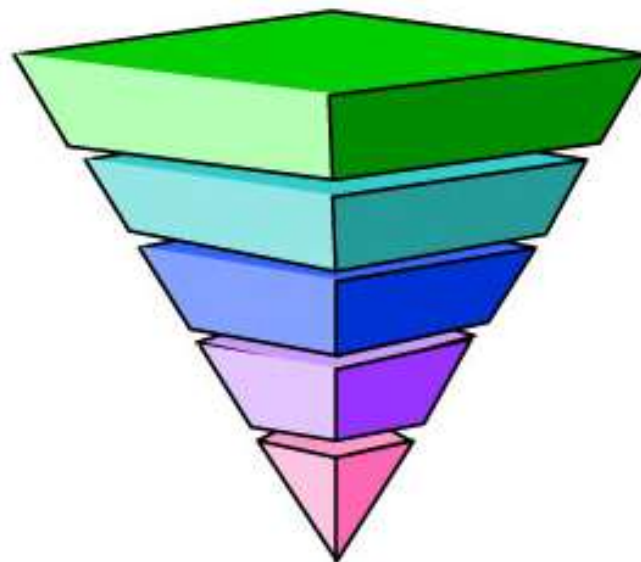
Solid Waste Policy and Programmes

Waste Management Strategy

Waste hierarchy

-The foundation in Waste Management

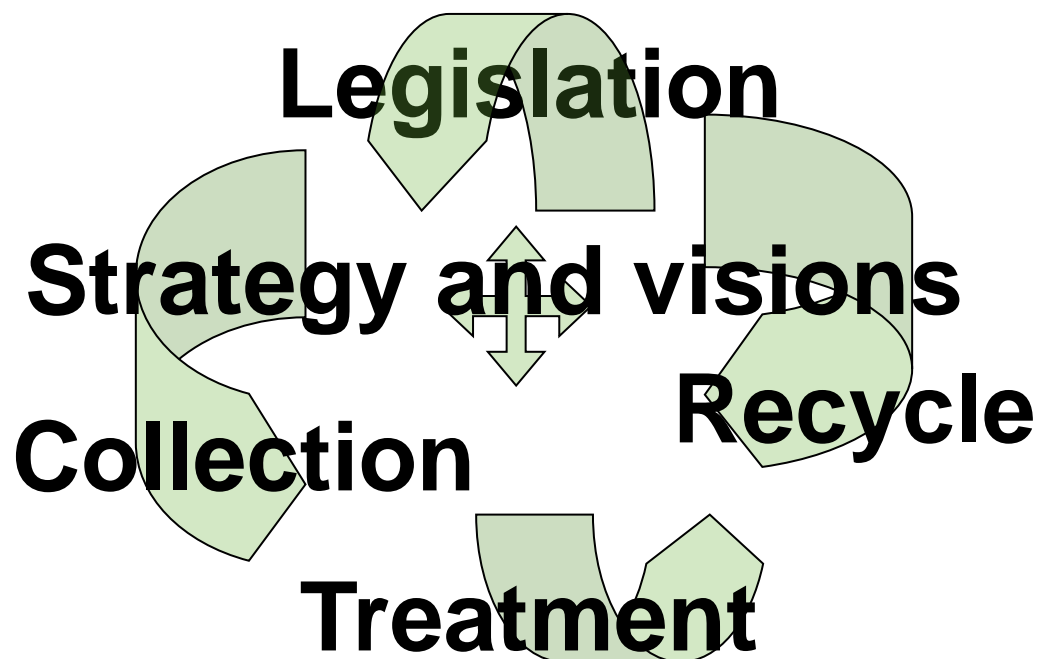
1. **Prevention**
2. **Reuse**
3. **Recycle**
4. **Energy recovery**
5. **Landfilling**



Solid Waste Policy and Programmes

Sustainable Waste Management

Interaction between



Waste Management Services

Household Waste (Municipal Solid Waste) incl. Food-waste

Municipality

Producer

Hazardous Waste

From households

From commercial business

Bulky waste from Households

Recycling-centres (ÅVC)

Authorised bulky waste contractors

Waste from Electrical and Electronic Equipment

Producer

Medical Waste (Hospitals, Health Care Facilities, Medicine rests etc.)

Pharmacies

Regional contractors

Commercial waste and domestic solid waste

excl. waste from households



Waste Management Services

- 73 000 Collection-points
- 4 000 000 Collections per year

5 Contractors, collection of Household-Waste

1 Contractor, collection of Food-Waste

13 Contractors, Bulky Waste

**75 Trucks Collection of Household-Waste,
100% running on non fossil-fuel (Bio-gas)**

Public Procurement

12 districts

4-6 year contracts



Waste Management Services

Financing and Waste-fee

Who and how to pay?

The property-owner pays

Investments

Public, private, PPP, BOT

Waste-fee

Fee-structure:

Prime-cost
Equal service = equal pay

Basic-fee
Collection
Treatment
Landfill-tax



Waste Management Services

Need of the energy and nutrients

**Incineration with energy-recovery
Biogas-and bio-fertilizer
production**

**Treatment and recycling of
Residues**

**Ban on organic waste to
landfills and Landfill-tax has given**

Minimum Landfilling



Conclusions and Next Steps

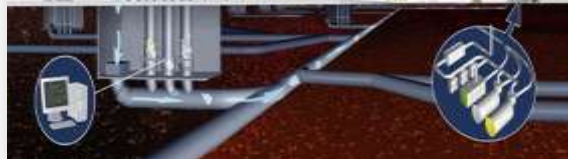
Challenges for Sustainable Waste Management

Choice of technology

Financing

Operation

Environment demands



Conclusions and Next Steps

“There is only one earth - be careful with it”

