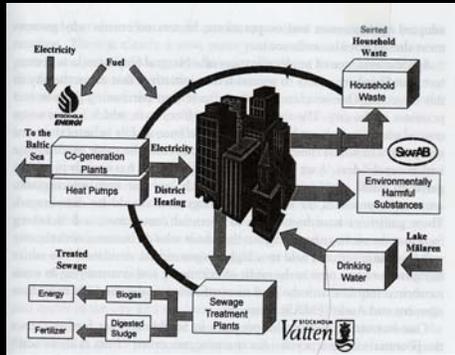




Waste-Water Treatment & Biofuel Creation Plants

Case Study:
Hammarby Sjöstad, Stockholm



Key Features

- Create biofuel from waste-water.
- South-side biofuel can be used for cooling/ heating energy, cooking gas, gas for transport.

Principles

- Turns waste-water into economic resource.
- Create an ecological systems approach to development.
- Insure current water supply stays clean.
- Become a Chinese environmental leader similar to Stockholm.

Phasing Possibilities

- Develop as south-side is developed.

MIT Foshan Progress Report, March 22, 2004

The South Side will need new waste-water infrastructure. We propose that this infrastructure can stimulate an environmental industry by not only managing wastewater but also turning waste into fuel (biofuel). In Stockholm, Sweden, a new community developed along the Hammerby channel, collected its waste-water and used it for heating, cooking gas and gas for transport. This, like the last example, shows how you can harness natural processes or eco-cycles to reduce costs and build the environmental image of the city.