Marine biomass for bio energy and other uses

Fredrik Gröndahl
Industrial Ecology
fgro@kth.se
Research area: Industrial Ecology and urban metabolism. Local strategies and models for climate mitigation and sustainable urban development.

On going projects:

• Hammarby sjöstad; Hammarby model – and energy flow.
• Climate positive urban district ? Methodology and framework in Stockholm Royal Sea Port(SRS)
• Following up model for an urban district, methodology and framework in Stockholm Royal Sea port
• Active house, Carbon footprint and Smart GRID, methodology and framework in SRS (Vinnova)
• Renovation of Million program in Järva, following up renovation program. (Hållbara städer)
• Smart City – SRS, integration of data flow in Stockholm Royal Sea Port (SRS) (Vinnova)

Nils Brandt, associate professor, Industrial Ecology, KTH, nilsb@kth.se,
Smart City SRS – urban metabolism

Interactive and dynamic data following up process.
Real time data – flow4

- Create opportunities for interactivity and integration of living, working, property owners, businesses and community stakeholders
- Knowledge of the value chains and business models
- Integration of traditionally isolated systems and data flows
- Efficient actor collaborations

Nils Brandt, Industrial Ecology 2012