

# **Co-Benefits from Energy Efficiency in Sweden**

Presentation at the IEA, 14 March 2012

**Rurik Holmberg, PhD**

*Energy Analysis Department*

Swedish Energy Agency

# No attempt at systematic evaluation, yet...

However, the Swedish Energy Agency has carried out a preliminary assessment.

So far, this has not been made public, but it is widely circulated.

This preliminary assessment will probably become an integral part of future evaluations.

# Six sectors/programs have been evaluated from this perspective;

- 1) Local and regional EE advisors
- 2) Program "Sustainable municipality"
- 3) EE in industry and buildings
- 4) EE in transportation
- 5) Products and systems
- 6) The energy services market

# Selected results

- 1) Local and regional EE advisors
  - Promote rural development
  - Strengthen consumers' role
  - Stimulate general energy-technical competence in some regions

# Selected results (cont.)

## 2) Program "Sustainable municipality"

- Promotes cooperation in general between municipalities and government agencies
- Promotes rural development
- Development of small-scale business

# Selected results (cont.)

## 3) EE in industry and buildings

- Improved competitiveness in industry
- New EE-related products are developed
- Employment
- EE in buildings decreases segregation, i.e. segregated areas become more attractive to other groups, too.

# Selected results (cont.)

- 4) Transportation
- Improved safety when use of public transportation increases
- Improved health as a result of more physical exercise
- Time saving due to less travel

# Selected results (cont.)

- 5) Products and systems
  - Improved competitiveness
  - Strengthened role for consumers as a result of better equipment and thus information



# Selected results (cont.)

- 6) Better energy services market
  - Increased domestic employment