


# TREES

## Training for Renovated Energy Efficient Social housing

Intelligent Energy Europe programme - Contract n° EIE/05/110/SI2.420021

Intelligent Energy  Europe

### Section 1 - Techniques 1.4 Solar Hot Water

Jan-Olof Dalenbäck  
CIT Energy Management AB



**Solar heating systems are mainly used  
in single family buildings in Greece,  
Austria and Germany**

**The following is an introduction guide  
how to apply solar heating systems  
in existing multifamily buildings  
all over Europe**



# Content

- ▶ **Introduction – Prerequisites**
- ▶ **Solar collectors – System and load**
- ▶ **Design guidelines**
- ▶ **System schematics**
- ▶ **Case study**
  - Illustration – Description – Result – Cost
- ▶ **Facts**
- ▶ **Addresses**