

AN ENERGY SUSTAINABLE... **VALBY**

Valby is a district of City of Copenhagen, situated in the south-west part of the Municipality, with 46.000 inhabitants. Valby has a long tradition on self determination and local political interaction.

SEC TARGETS

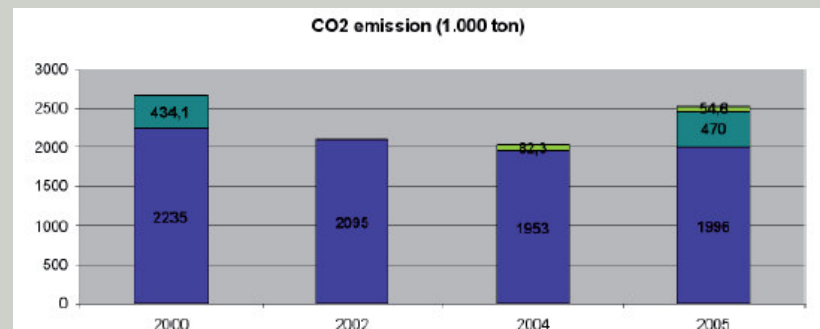


In 2000 the local City Council together with energy actors and urban developers formulate a photo voltaic implementation plan for Valby. The main goal of the plans is that 10-15 % of the electrical energy consumption should come from PV in 2025: the plans is mainly focused on building integration and developing new solution on how this integration of PV could be done on existing and new buildings.

The vast majority of the total CO₂ emissions comes from consumption of energy. This part is reduced by 11 % from 2000 to 2005. In the same period the emissions from transport is increased by 8 %. Emission from transport is unknown in 2002 and 2004. (Source: Green account for the citizens of Copenhagen 2005, Municipality of Copenhagen).

The City of Copenhagen has set up a series of targets to become an Environmental Metropolis in 2015. These targets include Valby as a part of Copenhagen and on energy the target is that CO₂ emission will be reduced by 20 % - today Copenhagen emits 2.4 million ton (2005) or 4.9 ton per inhabitant.

Additional Valby shall be the best city district on CO₂ reducing in Copenhagen and has a long term target of becoming CO₂ neutral.



SEC STRATEGY



In achieving the targets the strategy focus on local participation and political influence, and the goal of the strategy is to be:

- simple and clear
- involving citizens
- stimulate active participation
- make visible results

To achieve the target, the focus is on energy saving and CO₂ reduction in existing buildings and for new buildings in the regenerations areas to develop possibilities for low energy buildings and CO₂ neutral heat supply. There shall be a widespread use and support to renewables like solar power and biomass, and energy reduction by behavioural measures shall be developed and supported.

Results shall be achieved by binding cooperation on low energy building for new build in regenerations areas developed in cooperation with local actors and City of Copenhagen. The advantages of low energy performance shall be exposed for builders, building owners and end-users in new build and renovation situations. For the existing urban areas models and demonstration projects shall be fulfilled and knowledge sharing shall be supported.

The strategy shall locally be strength continually by setting up partnerships and agreements on actions, and by implementing goals and targets in the municipal planning and praxis. By information and involvement political ownership shall be supported.

SEC ACTIONS

Continue **PV-installations schemes** in Valby: - Give possibilities for supporting PV building integration
- Give possibilities to buy shares in PV-installations

Focus on **education and schools**: - Develop collaboration with schools on PV and energy matters
- Make PV and energy reduction visible
- Use web sites for information

Energy families: - Make competitions between interested families
- Give information and make interaction between building owners and
- tenants representatives on possible energy reductions

Give access to information and **dialogue**

Continue the **demonstration projects**

Reconsider the targets, strategy and actions regularly

Contact

Organisation:
Kuben
Main Contact: Jakob Klint
E-Mail: info@kuben.dk
Web Site: www.kuben.dk
Project Web Site:
www.greensolarcities.com