

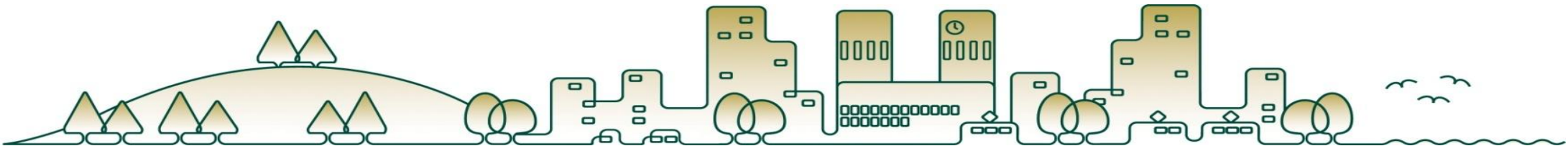


The City of Oslo
Climateagency

The Climate and Energy fund

Polish delegation 13.09.2016

The City of Oslo`s Climateagency
Climate and energy fund
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Climate and energy fund

Establishing the fund:

- On the 28.04.1982 the City council decision to establish a energy economization fund was made.
- The fund was made permanent on 05.06.1985
- Name change in 2008: The Climate and energy fund

Financing the fund:

- All electricity sold in Oslo was subject to a fee of «1 øre» per sold kilowatthoure
- This was done over a period of 10 years, resulting in 60 mil NOK per year.



The purpose of the Fund

Purpose

- The purpose of the fund is to facilitate energy economization in Oslo that results in long term reduced energy consumption.
- Statute:
- *”..the funds shall be used to facilitate energy economizations measures that reduce carbon emissions from buildings and technical installations in Oslo, and/or measures that result in more efficient energy consumption. It is preferable if these measures also reduce air pollution....”*

What measures are included

- Reduce heat loss from buildings
- Increased energy efficiency in technical installations
- Upgrading woodstoves
- Conversion from oil to renewable energy



The fund

- A department in the Climateagency
- Currently consist of 3 employees
- All casework is done by an sub contracted consulting firm.
- For the current period this is ÅFReierntsen.



Annual activity

- Or activity's in 2015
 - 1560 applications for 1900 measures
 - 1169 grants paid, resulting in 24 976 356 kWh energy saving/converted energy
 - 128 oil to renewable energy conversions
 - 61 buildings analyzed
 - 107 new electric car chargers



The differente scheme

- Small buildings whit 1 to 4 housing units
- Large buildings whit more than 4 housing units or commercial buildings
- Charging stations for electric cars
- Research and development projects





Small buildings

- Most of our grants are under this scheme
- Most grants consist of simpler measures
- Letter of intent have to be given before startup





Large buildings

- Larger buildings have fewer but more complicated measures
- Require energy consulting before letter of intent is given





Charging stations

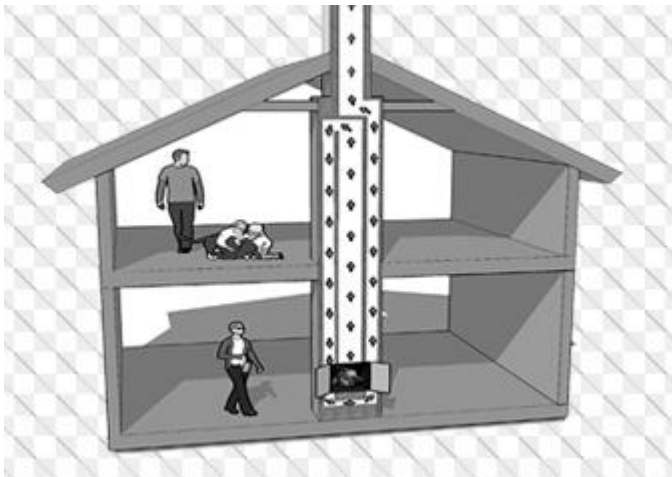
- Grants are given to building owners that want to established publicly accessible charging stations
- Grants are not given to private home owners
- Grants at of 10 000,- NOK per station





R and D projects

- The fund also gives grants to research and development projects
- All projects under this scheme are required to apply individually
- Examples:





EPC

(energy performance contracting)

- A rising trend in energy efficiency projects is EPC
- One contractor that performs assessment of buildings, carries out measures and runs maintenance.
- Guaranteed the amount of energy saved annually for an agreed period of time