



# Climate plan Ghent 2014 - 2019

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# Ghent



250,000 inhabitants  
115,000 households  
25,000 companies  
(22 ETS companies)

# Climate policy Ghent (1)

## Coalition agreement 2007-2012

- Ghent climate neutral city

## Coalition agreement 2013-2018:

### Ghent wants:

- to take a leading role with regards to sustainability and climate neutrality.
- to become energy independent by increasing efforts with regards to energy savings and sustainable and local renewable energy production.
- a socially just climate policy and takes measures to fight energy poverty

# Climate Policy Ghent (2)

## First SEAP 2008-2020

- Reduction of CO2 emissions and energy use by more than 20 % (excl ETS)
- Covenant of Mayors signed in 2009

## Second SEAP 2014-2019

- Submitted to COM February 2015
- Budget:
  - > 100 million Euro for measures that contribute to implement our climate ambitions
  - >n 40 million Euro for measures that contribute partially to implement our climate ambitions

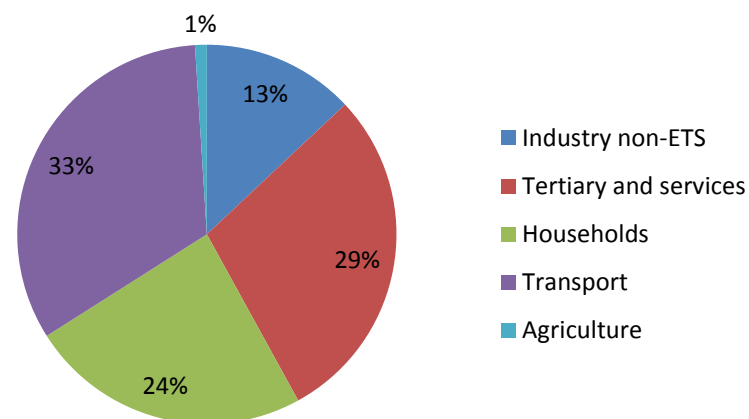
## Targets SEAP 2014-2019

- Reduction CO2 emissions of 20 % by 2019 (compared to 2007)
- Reduction of energy use of 20 % by 2019 (compared to 2007)
- Production of local renewable energy of 15 % by 2019 (compared to the residential energy demand)
- Reduction of energy use of public buildings and lighting by 3 % annually

# Ghent CO2-emissions

## Scope Covenant of Majors (excl. ETS and shipping) (2011)

sector	kton CO2 (2011)	%
Industry non-ETS	186	13%
Tertiary and services	418	29%
Households	347	24%
Transport	468	33%
Agriculture	20	1%
<b>TOTAL</b>	<b>1.439</b>	<b>100%</b>



# Our Climate plan: making it a shared vision through the Ghent Climate City

From thinking together ...



to acting together!



# Residential buildings

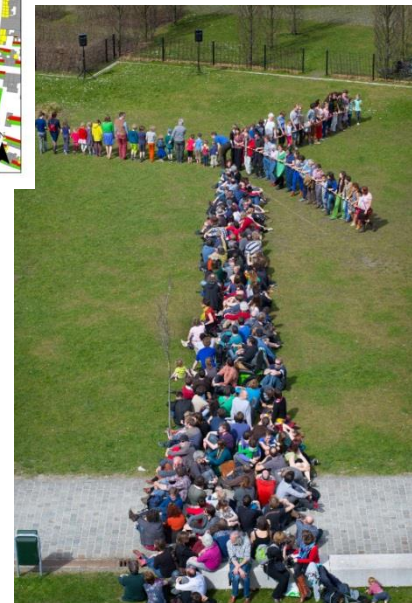
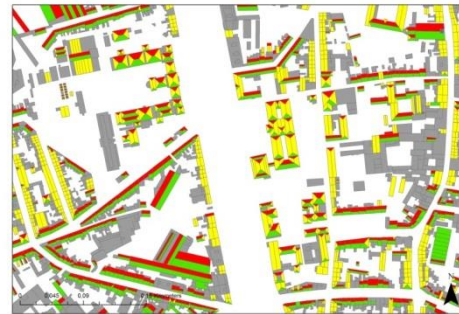
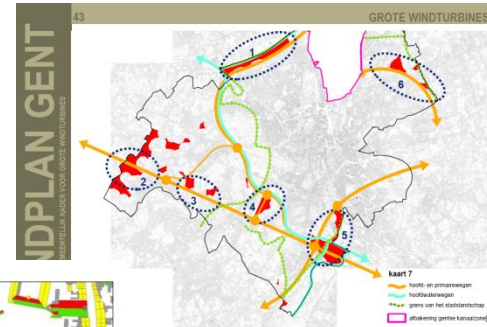
## Tackling both social and economic aspects

- Old building stock, with low efficiency level (average in Belgium: 350 kWh/m<sup>2</sup>).
- Aim: doubling renovation rate
- Result: not only contribution to climate plan but also more comfortable housing and lower energy invoices
- Past: premiums for energy efficient renovations
  - is only part of the solution.
- Now: pallet of tailor made assistance focussing on removing barriers, unburdening (financially, technically, administrative),
- Separate organisation is giving tailor made support for low income households (free energy scans, low cost energy loans (0 % interest), financial and technical advise)
  - Energy efficient renovations -> lower invoices and more comfortable housing - > tackling energy poverty



# Boosting Renewable Energy production

- Creating favourable climate for local renewable energy projects
- Supporting involvement of citizens and local cooperatives in local renewable energy projects



# Coaching companies in energy management

- Energy audits remain without follow-up, need for coaching
- Pilot project with 15 companies (2012 – 2014): energy audit, energy action plan, follow-up guidance in implementation
- Group results:
  - More than 6 % energy reduction realised through smaller actions, potential of doubling the energy reduction
  - 3 companies obtained ISO 50001
  - Annual cost savings: 375.700 Euro (potential 730.000 Euro)
- New project launched: already 30 companies subscribed to the programm
  - Energy efficiency measures -> lower energy bills - > companies more resilient to rising fuel prices

# Keys to success

- Key principles in coalition agreement supported by the City Board
- Support from stakeholders through bottom up approach
- Political support by whole City Board for climate plan by assigning:
  - Concrete targets,
  - Specific budgets
  - Clear responsibilities for actions



# Solutions to overcome barriers

- Share the spot lights
- Ensure every member of the city board has its own responsibility to tackle climate
- Indicate benefits for stakeholders: the climate plan is not only good for climate, but also contributes to lower energy bills, more comfortable housing, liveable city, companies resilient to higher fuel prices, etc

**Thank you for your  
attention**

