Gent
authentic, creative and sustainable

Tom Balthazar
Vice-mayor of environment and social affairs
Gent as pioneer and rolemodel

Gent, as sustainable organisation, implements innovation and shows what is possible

- Public Lighting: Lightplan I and II with focus on energy and light pollution e.g. LED technology

- Own buildings:
  - maximalisation of passive buildings,
  - 100% renewable electricity,
  - FSC labeled wood,
  - low energy renovations (also for historic buildings), …
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- **Consumption:**
  attention for fair trade, biologic products, FSC-paper

- **Mobility for the city as organisation:**
  - accelerated replacement of old fleet by energy efficient cars (hybrid and Euro 5),
  - stimulating use of bicycle and public transport,
  - Eco-driving for the employees
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City development projects:

- The Gas Site (7 ha): from brownfield to demonstration site

- Holistic approach of sustainability
- ‘Duurzaamheidsmeter’: similar to LEED and BREEAM
- 185 passive social and low budget houses
- 320 low energy houses
- Survey for district energy supply
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- Gas Site in the beginning and …
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... after the involvement of the neighbourhood
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- Similar approach for Oude Dokken: reconverted harbour area.
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- Investigation of CO2 neutral site at Gent St-Pieters (zones B en C)
Gent as partner
Gent as partner

Gent wants

- to help its inhabitants towards sustainable housing

Examples:
- Free building and renovation advice: more than 400 hours in 2008
- The energy agency of Gent: REGent
  - Focus on social target group
  - Free energy scans: 1,730 scans in 2008
- Small measures are carried out immediately
- Information point for advice and subsidies
- Information moments
Gent as partner

subsidies (direct financial support) for:
- Roofinsulation: 380 requests since start up
- Green roofs: 16.000m² supported by the city
- FSC labeled wood
- Re-use of rain water
Gent as partner

Free building advice, subsidies and info moments stimulate the demand but the market can’t follow (yet)

Solution:

- Ecobouwpools: by peer-to-peer approach architects and technicians are trained for sustainable building
- Energy schools: integrating sustainable building in learning programs in technical schools
- Publication of the Duurzaamheidsmeter among building professionals
- Publication of technical details of passive building and example descriptions for contracts
Climate and action plans
Climate plan

Filosophy Climate plan 2008-2020
- Do immediatly what has proven its efficiency (2008-2010)
- Make innovation standard (2010-2016)
- Make experimental measures standard (2016-2020)

- Actionplan
  - 105 actions
    - CO$_2$ baseline is being made now
  - In 2011 the climate plan and associated actions will be fine tuned according to the CO$_2$ baseline
Questions?

More information
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