

Climate plan 2030

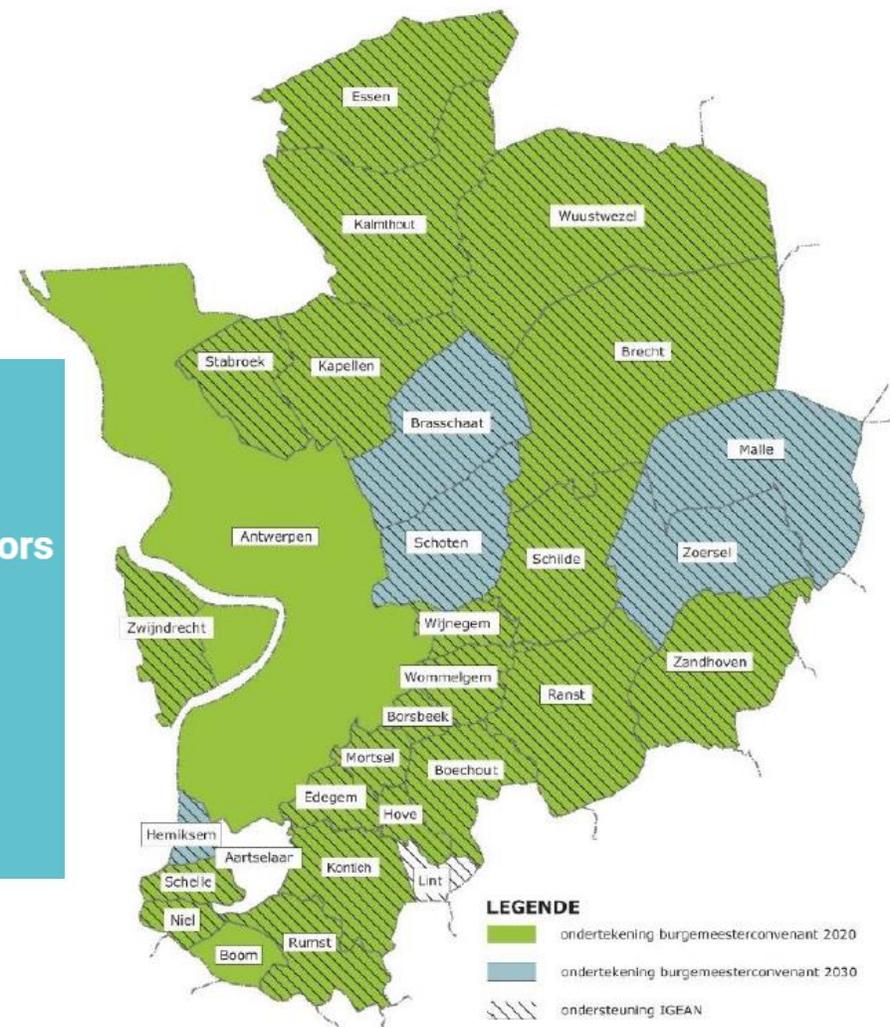
Zoersel

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19.10.2020



- The Covenant of Mayors
- Ambition and goals
- CO₂ in numbers
- The climate plan of Zoersel
 - Structure
 - Key actions

Since its inception in 2008...

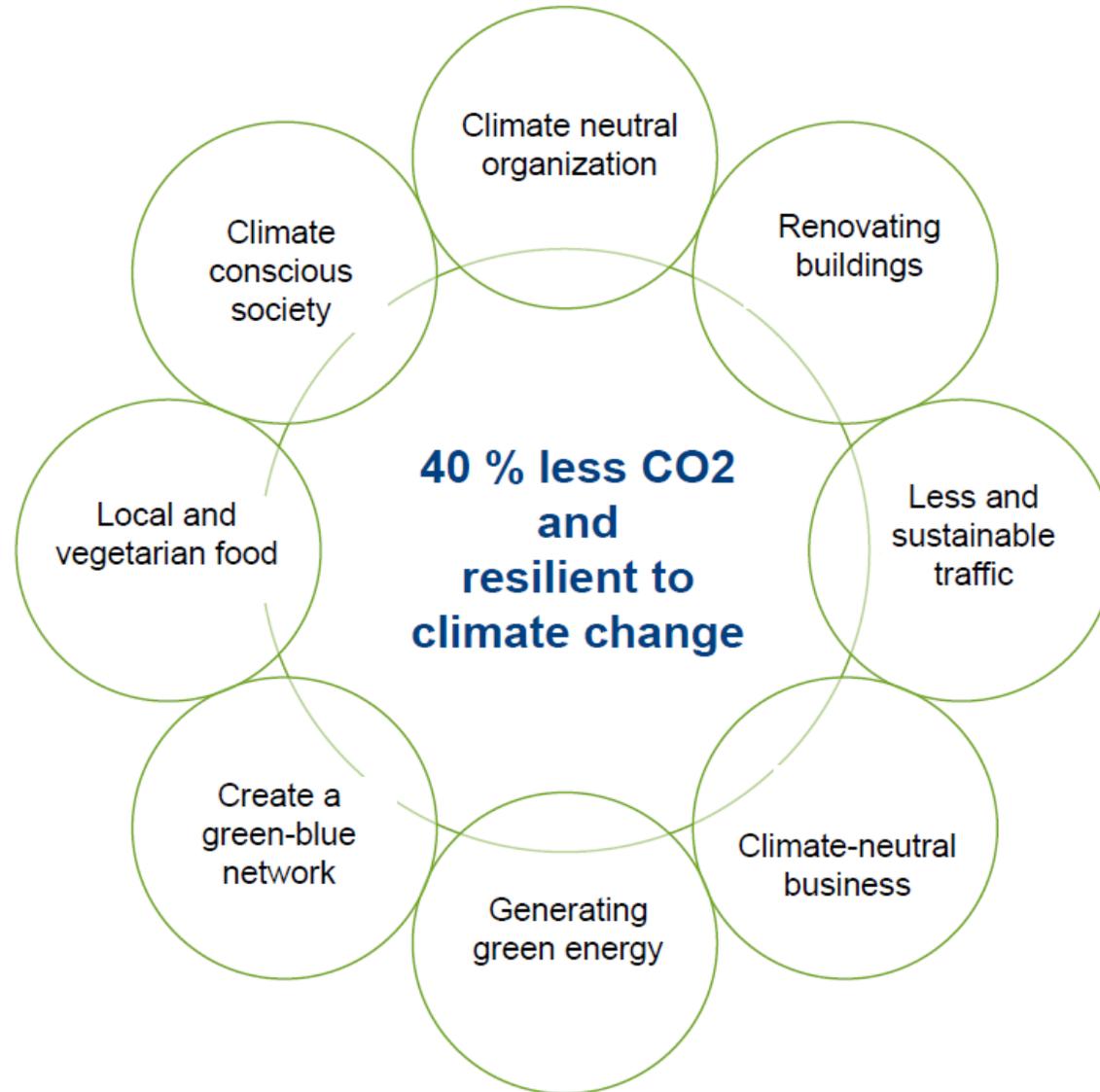


Vision and ambition

“With this climate plan the municipality of Zoersel commits itself to achieve a **CO₂-reduction** on its own territory of **minimal 40%** by 2030 by increasing energy-efficiency and the use of sustainable energy sources.

Zoersel wants to evolve into a sustainable and climate-neutral municipality that is **resilient** and **flexible** to the possible effects of **climate change**.”

8 targets

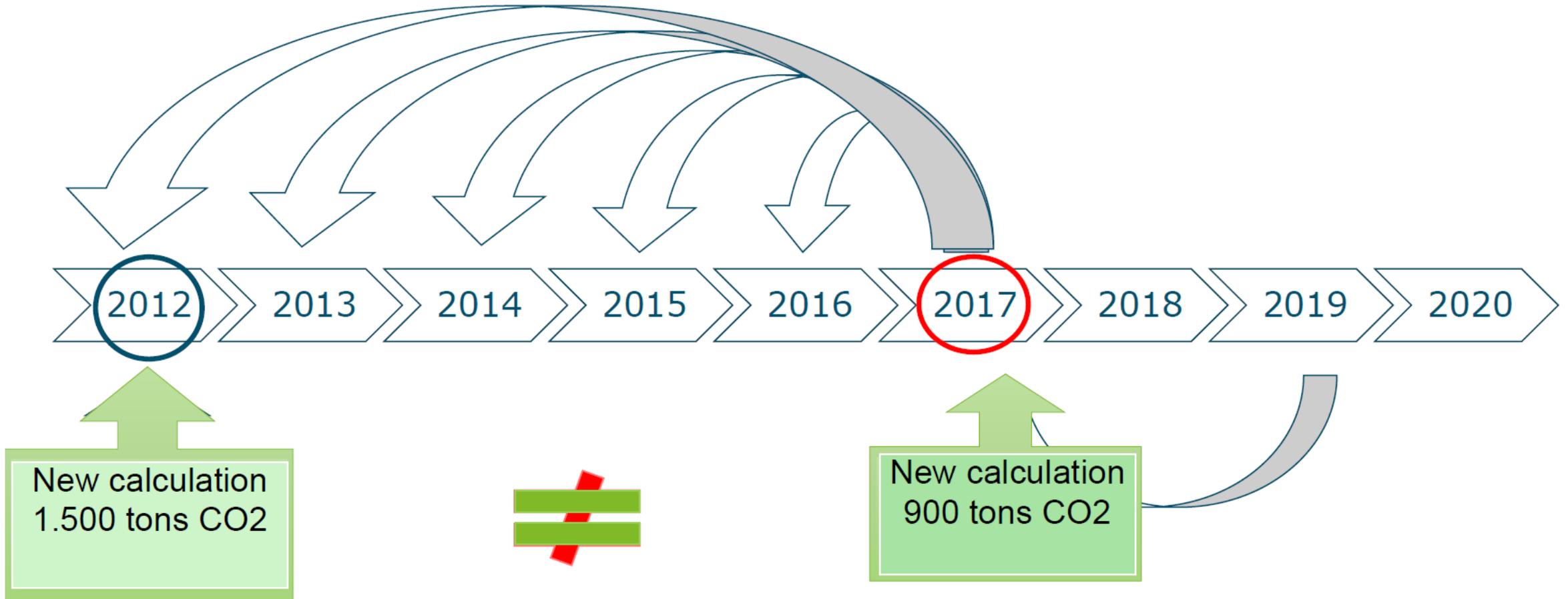


How are the emissions of a municipality calculated?

Game Rules

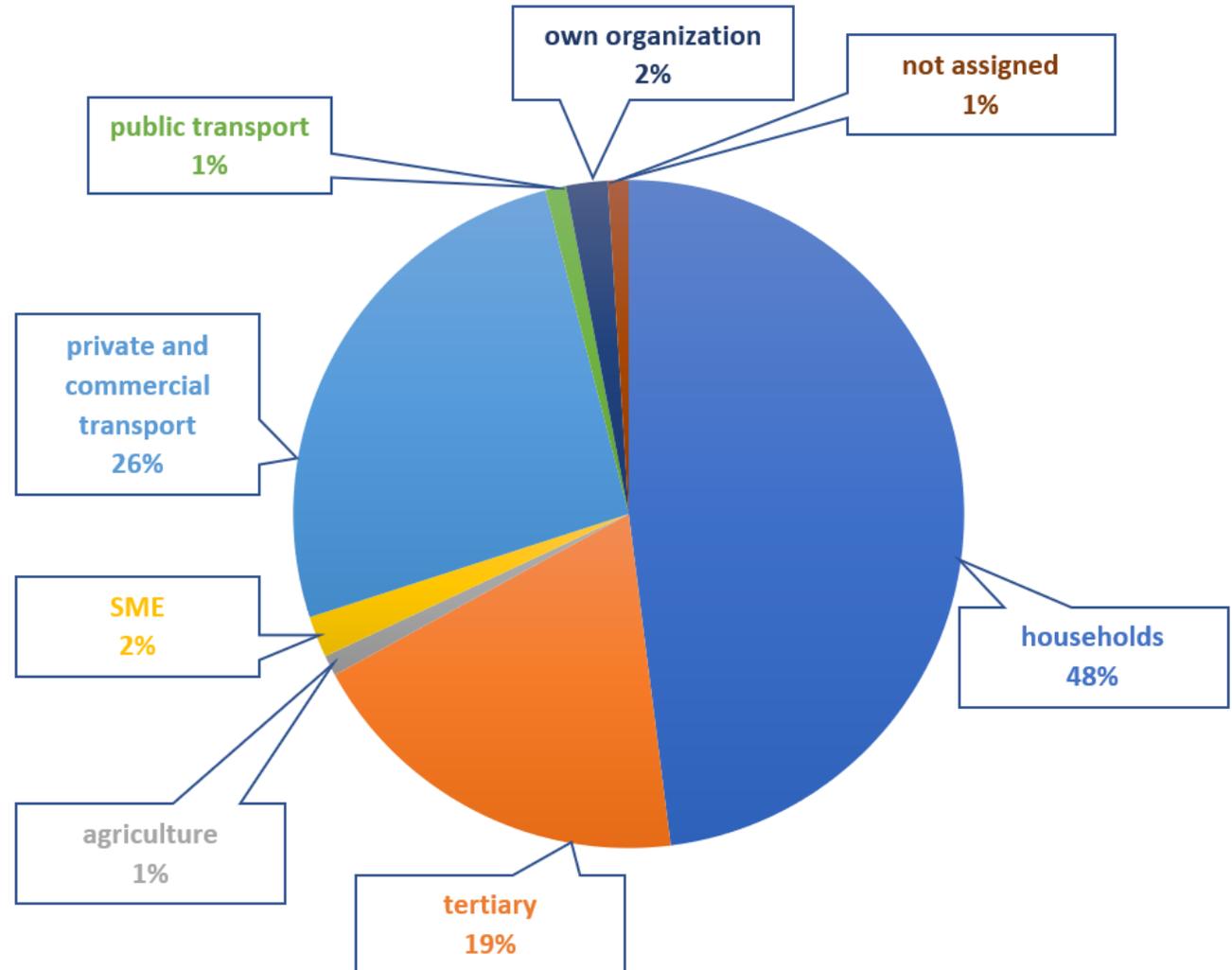
- Annual inventory made by VITO
- Entire territory, with all sectors
- Only energy-related emissions
- No other greenhouse gases (for example methane)
- No ETS-companies (none present in Zoersel)
- Miles driven on highways were removed

How are the emissions of a municipality calculated?

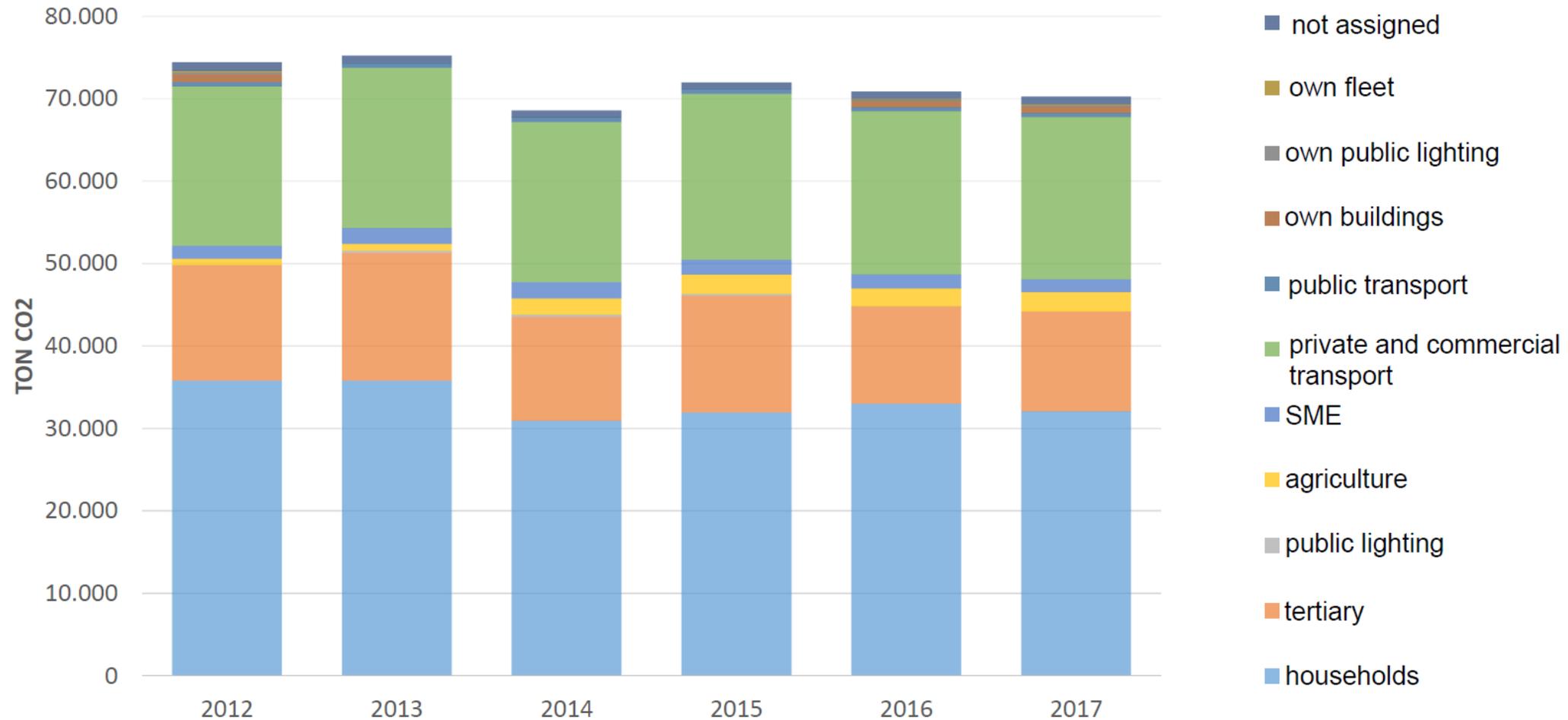


CO₂-emissions of the municipality Zoersel in 2012

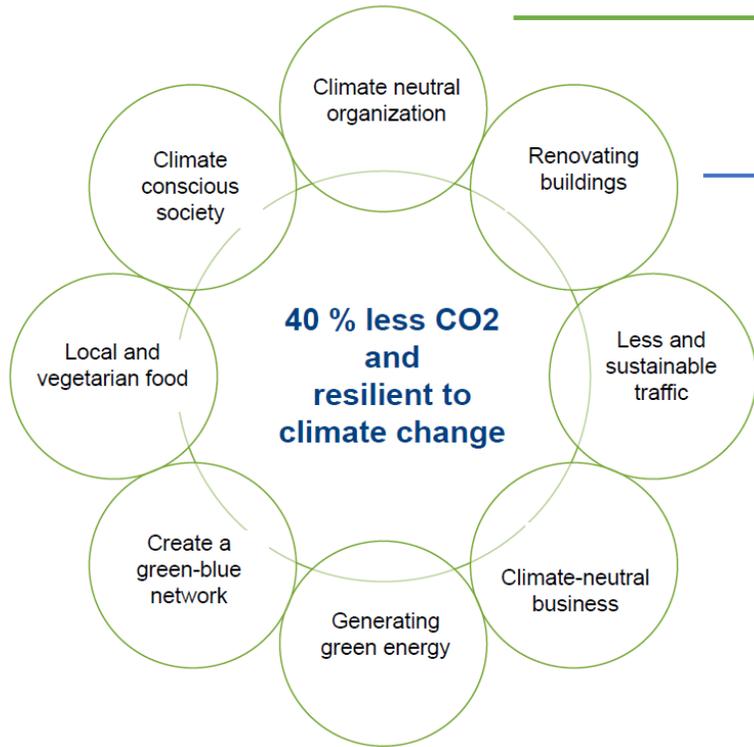
**Total emission
=
74.430 tons CO₂**



Evolution of the emission between 2012 - 2017

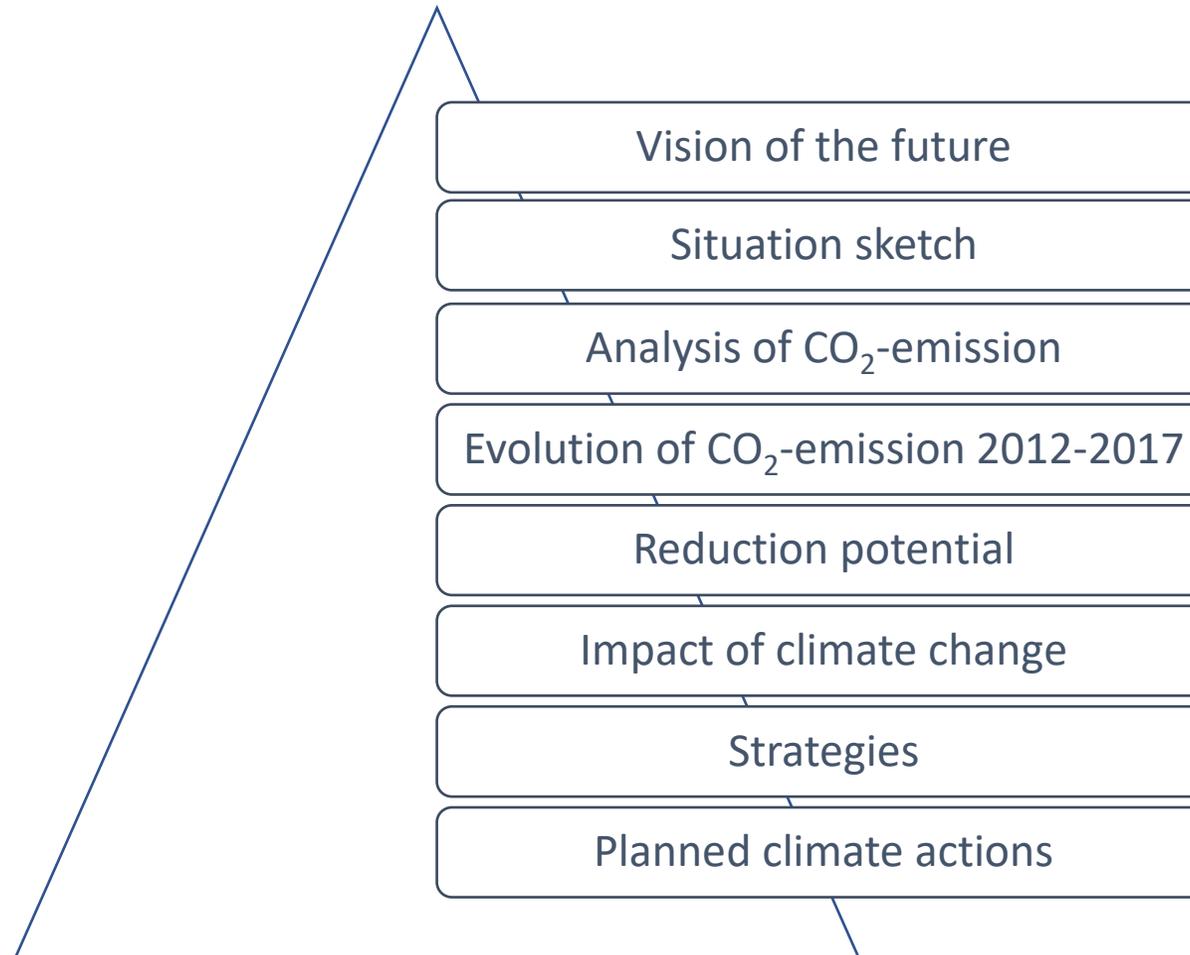


Structure climate plan

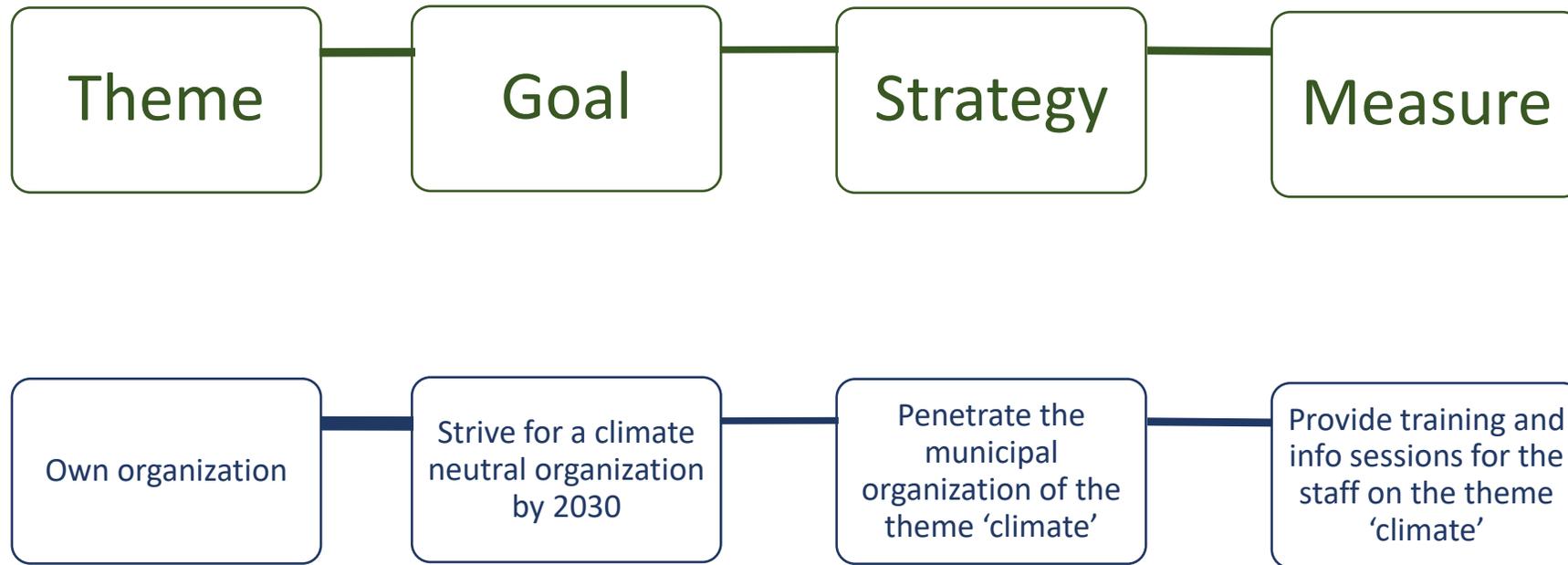


- Climate change, no longer a question
- Vision and ambition
- Goals
- Organizational and financial approach
- Energy consumption in Zoersel
- Emission reduction potential of the climate plan
- Risk analysis for Zoersel
- Zoersel as an example
- Living and life
- Mobility
- SME and tertiary sector
- Agriculture
- Renewable Energy
- Nature and water
- Annex: action plan

Structure per spearhead



Structure action table



Structure action table



van klimaatambitie
tot klimaatsucces
| minder beton in onze gemeente



van klimaatambitie
tot klimaatsucces
| mobiliteit zonder snelheid



van klimaatambitie
tot klimaatsucces
| goed ingeduffeld onder eigen dak



van klimaatambitie
tot klimaatsucces
| laat uw afval niet verloren lopen



van klimaatambitie
tot klimaatsucces
| op het land, in het water
en in de lucht



van klimaatambitie
tot klimaatsucces
| ruimte voor landbouw



van klimaatambitie
tot klimaatsucces
| locale middenstand promoot her-
bruikbare verpakkingen

Municipality as an example

Measure	Budget
Provide extra resources for additional actions to implement the climate plan.	295.000 EUR
Execute the renovation of buildings that consume the most energy.	450.000 EUR
Place, where possible, solar panels on as many public buildings through citizen cooperation.	
Replace public lighting with led via Fluvius by 2030.	2.558.582 EUR (tot 2030)
Start a project with electric passengers cars from a sharing platform. Also use these for the own organization and stop the purchase of own cars for the administration.	95.000 EUR

Living and life

Measure	Budget
<p>Make the conversion of large homes into generation homes, cohousing facilities or multi-family homes on suitable locations possible through policy-based decisions (s.a. through ‘besluit beleidsmatig gewenste ontwikkelingen’ – BGO).</p>	<p>94.875 EUR</p>
<p>Make all future projects (s.a. Zonneputteke and Watermolen) sustainable and innovative in collaboration with specialized external partners such as Kamp C.</p>	<p>-</p>
<p>Stabilize the loss of open space with the aim of keeping the space occupation in our municipality stable from 2030.</p>	<p>-</p>

Mobility

Measure	Budget
<p>Realize new slow roads on strategic places to make easy connection for the soft road user. Always check this for large construction projects. Explore the possibility of reopening slow roads that are no longer accessible (s.a. buurtweg 45).</p>	<p>180.000 EUR</p>
<p>Provide sufficient safe bicycle sheds in the centre nearby mobi-points. Create space in the bicycle sheds by removing abandoned bicycles.</p>	<p>45.000 EUR</p>
<p>Make circulation plans of neighbourhoods to prevent cut-through traffic and to ensure that the soft road user can reach the centre in a safe and smooth way.</p>	<p>30.000 EUR</p>
<p>Introduction of a rewarding system for children who come to school on foot or by bicycle.</p>	<p>75.000 EUR</p>
<p>Create a network of bicycle streets in and between village centres.</p>	<p>26.000 EUR</p>

Renewable energy

Measure	Budget
For large projects impose an obligation to heat by using renewable energy (through BGO).	-
Impose a minimum percentage of citizen participation for new renewable energy projects.	-
Offer cooperation to find potential locations for wind and solar energy. Follow the legal options for the installation of small wind turbines and look for opportunities.	-

Nature and water

Measure	Budget
Create green relaxation zones from free spaces (s.a. planting trees, tiny forests, eatable green), such as 'Dwergenbos'.	20.000 EUR
Plant, where possible, native avenue trees taking utilities into account. Plant hedges as an alternative.	
Provide functional connections between landscapes. Create a natural connection between the nature areas 'Zoerselbos' and 'Zalfens Gebroekt' through the planned ring road around Zoersel. Look for subsidies for the construction of a small Eco duct over the N14 near the formerly 'Groene Vogel'. Safeguard the relationship between the village centre of Zoersel and 'Zoerselbos' coming from the streets Langebaan and De Reiger.	-
Preservation of the existing forest area in zones not intended for this purpose through purchase by the municipality or agreements with the owners (s.a. Gestelsbos and Domein De Welvaert).	550.000 EUR

SME, tertiary and quaternary sections

Measure	Budget
Make work of educational climate projects in schools such as the climate gang.	12.000 EUR

Thank you
for your attention!

