



Gemeente
Amsterdam



Amsterdam

The experience of the City of Amsterdam with carbon pricing
9 October 2020, Climate Alliance

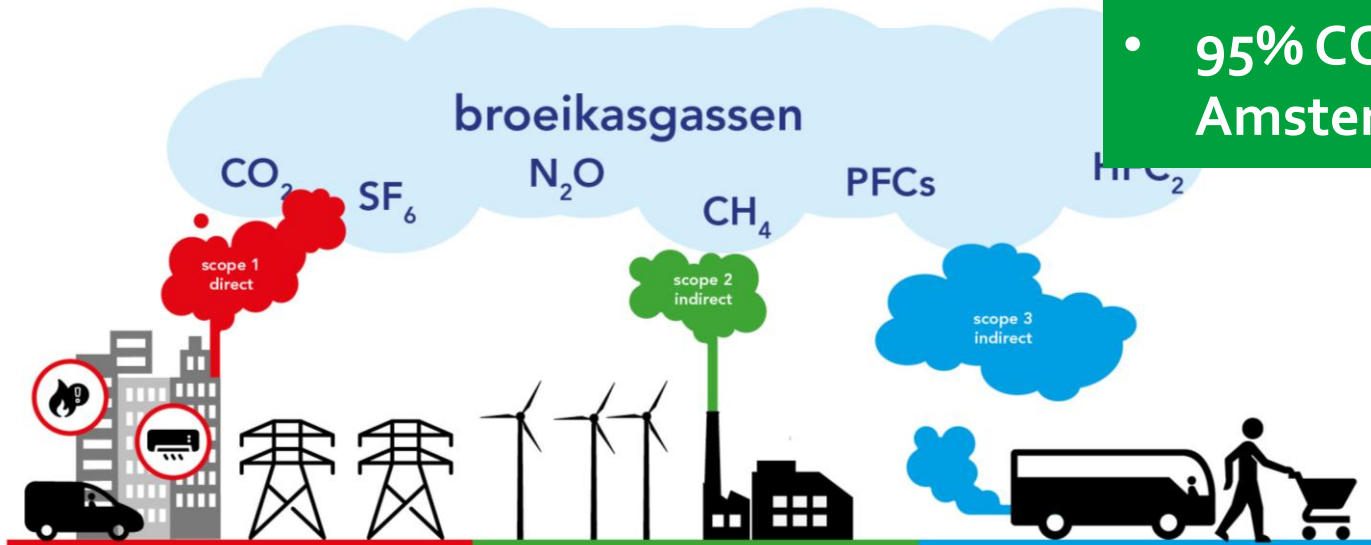


✘ Investment tool sustainable investments

✘ Our goals

✘ A CO₂-price helps us to reach CO₂-reduction goals

- 100% CO₂-neutral city administration in 2030
- 95% CO₂-neutral Amsterdam in 2050



✘ Investment tool sustainable investments


✘ Introduction and goal

✘ A calculation tool that substantiates sustainability aspects for investment decisions. A.o. by pricing CO₂ emissions.

- Introduction in 2016,
 - 2015 60 euro/ton -> 200 euro/ton in 2050
- The social costs and benefits of an investment in the long term become transparent
- Provides the Council with an assessment framework
- Does not contribute to financial coverage
- Creates awareness for the real climate costs

Investment tool sustainable investments

Current application


 The investment rule and the CO₂ price are applied to various investments, such as:

- New construction or renovation of building
- Investment proposal for vehicles for corporate use
- To support purchasing decisions (such as renewable energy)
- In cost/benefit analysis in infrastructure investment decisions

Cons of the rule

- The rule is only applied for investments with a specific sustainable purpose
- There is no obligation to apply the rule, it is up to the originator to decide
- The rule is complex and not user-friendly

Investment tool

 Desired application - research and development



- To develop a new CO₂ pricing tool that is (mandatory) applied to (part of) municipal investments and to (part of) procurement projects (those with the greatest impact).
- To develop a decision tree that helps to consider whether a sustainable investment pays off or not.
- To determine a carbon price that matches the ambitions of the City of Amsterdam



CO₂-price adjustment

- New insights (80->95% reduction)
- Request from our city council
- Roadmap Amsterdam Climate Neutral 2050, including climate budget
- 100% CO₂-neutral city administration in 2030

CO₂-price

What price to use?

	Currently used price (WLO-scenario 80% reductie)	Option 1 (CE Delft consulting company, WLO- scenario 95% reductie)	Option 2 (Klimaatverbond, NGO)	Option 3?
2020	€71/tCO ₂	€375/tCO ₂	€700/tCO ₂	
2030	€100/tCO ₂	€530/tCO ₂	€700/tCO ₂	
2040	€141/tCO ₂	€750/tCO ₂	€700/tCO ₂	
2050	€200/tCO ₂	€1.060/tCO ₂	€700/tCO ₂	

✘✘✘ Climate budget

- In addition to a carbon price, the municipality is developing a system of a 'climate budget' per alderman.
- The method is currently being used to raise awareness of the goals relating to CO₂ reduction and the scope of these goals (the amount of CO₂ to be reduced).
- The method is still under development and we are now gaining experience with it. The ambition for the future is to make councilors responsible for taking action for the carbon reduction in his / her portfolio.



CO₂-price: How to use it?

- Investments only?
- Every investment?
- Procurement?
- Policy
- Climate budget
- How to ensure the use?

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