

# Climate Budgeting & Governance

Catrin Robertsen  
Head of Climate Budgeting  
C40 Cities  
25.04.22



# C40 Climate Budget Pilot

## About the pilot

- 2 years pilot, 2021-2022
- Connects 13 pioneering cities across the world
- Oslo is the lead city

## Key objectives

- Introduce climate budgeting in the broader context of climate governance and mainstreaming
- Facilitate knowledge sharing and provide guidance to cities
- Collect experiences to upscale to program



# Terminology

<b>Norwegian</b>	<b>English</b>	<b>Swedish</b>
Klimaplan	Climate Action Plan	Klimathandlingsplan
Klimabudsjett	Climate Budget	Klimatbudget
Karbonbudsjett	Carbon Budget	Koldioxidbudget
Klimaledelse/-styring	Climate Governance	Klimatstyrning/-lederskap
Styringsystem	Governance System	Styrningssystem
Integrering	Mainstreaming	Integrering

# From climate action planning to delivery

## CLIMATE ACTION PLANNING

## ACCELERATING IMPLEMENTATION

GET STARTED



Mayoral commitment  
Establish core team  
Strategic appraisal

BUILD THE EVIDENCE BASE



Data collection  
Climate risk assessment  
GHG emissions inventory  
ICA needs assessment

STRATEGY IDENTIFICATION



Vision setting  
Scenario planning  
Mitigation targets  
Adaptation goals and targets

ACTION SELECTION



Action identification  
Screening  
Action selection and prioritisation

ACTION DEFINITION



Action definition  
Planning for implementation  
Final mitigation scenario

PLAN COMPILATION



Plan drafting  
Monitoring plan  
Climate action governance

IMPLEMENTATION & MAINSTREAMING



Implementation  
Mainstreaming & integration  
Financing

MONITORING & EVALUATION



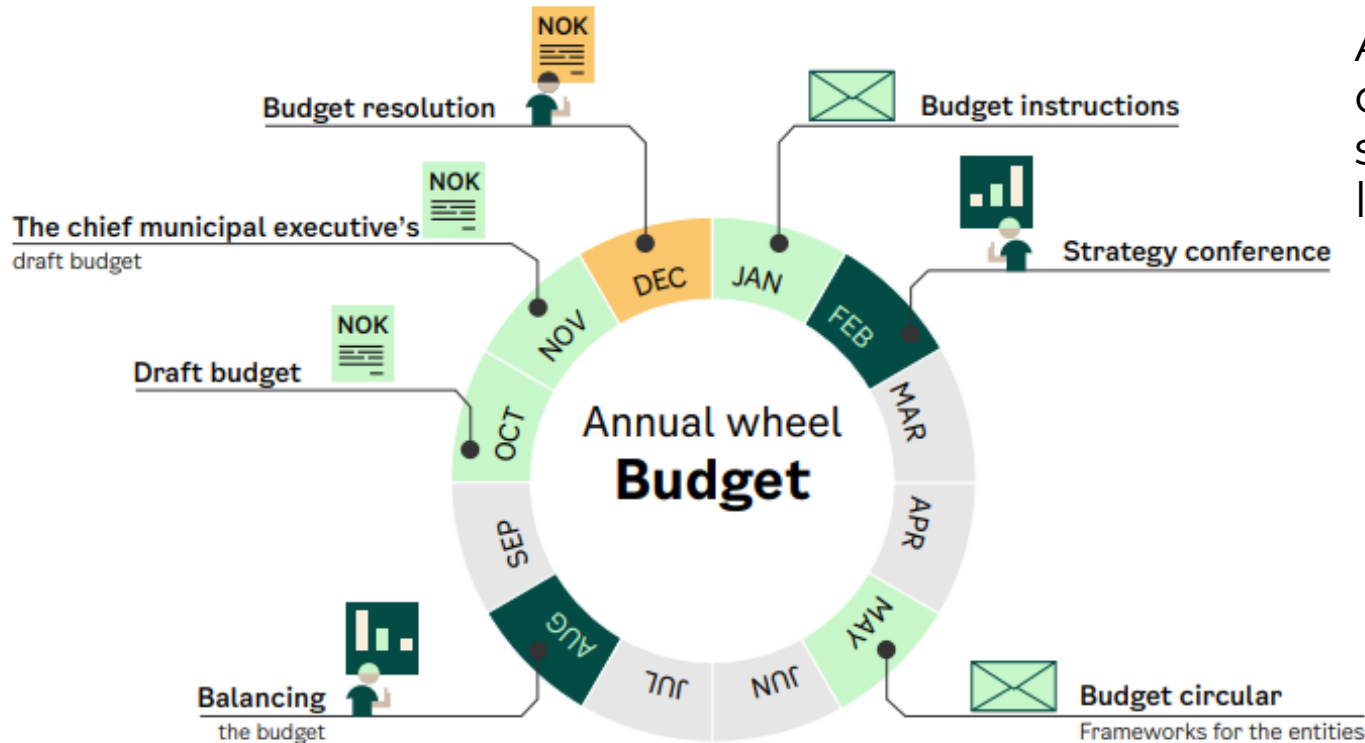
Monitoring  
Evaluation  
Reporting

STAKEHOLDER & COMMUNITY ENGAGEMENT

GOVERNANCE AND INTEGRATION

# CLIMATE BUDGET

An efficient governance system that drives effective implementation of short term climate actions to deliver long-term emissions reduction targets



- Integrated in the ordinary municipal budget
- Identifies emission reduction measures
- Identifies costs and responsible unit for implementation
- Reporting as part of the ordinary budget cycle

Illustration: [manual for climate budgets for norwegian municipalities](#)

# The climate budget controls emissions!

Quantified historical emissions -> What are our challenges?

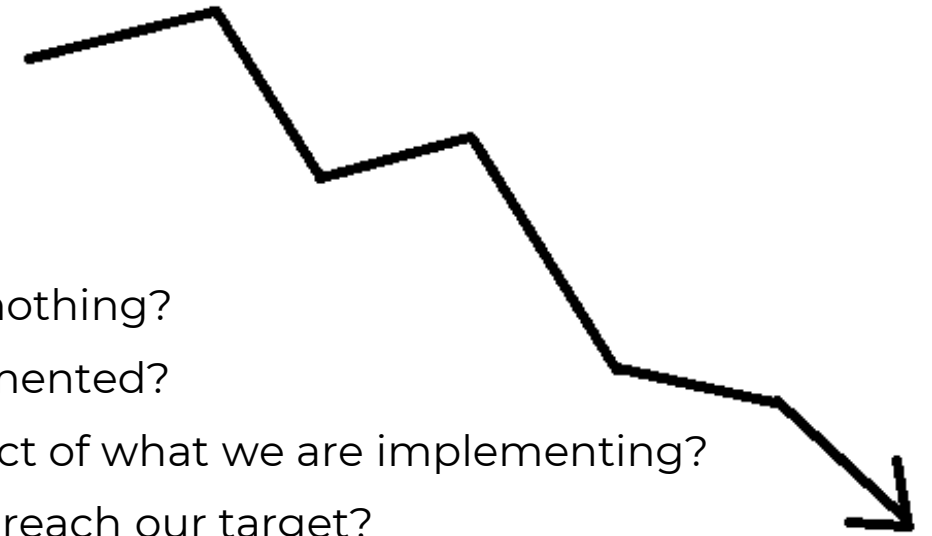
Quantified emission reduction target -> Where are we going?

Quantified projection of BAU-emissions -> What happens if we do nothing?

Quantified effect of measures -> Which measures should be implemented?

Quantified forecast for emissions after measures -> What is the effect of what we are implementing?

Quantified follow-up of results -> Do the measures work and do we reach our target?



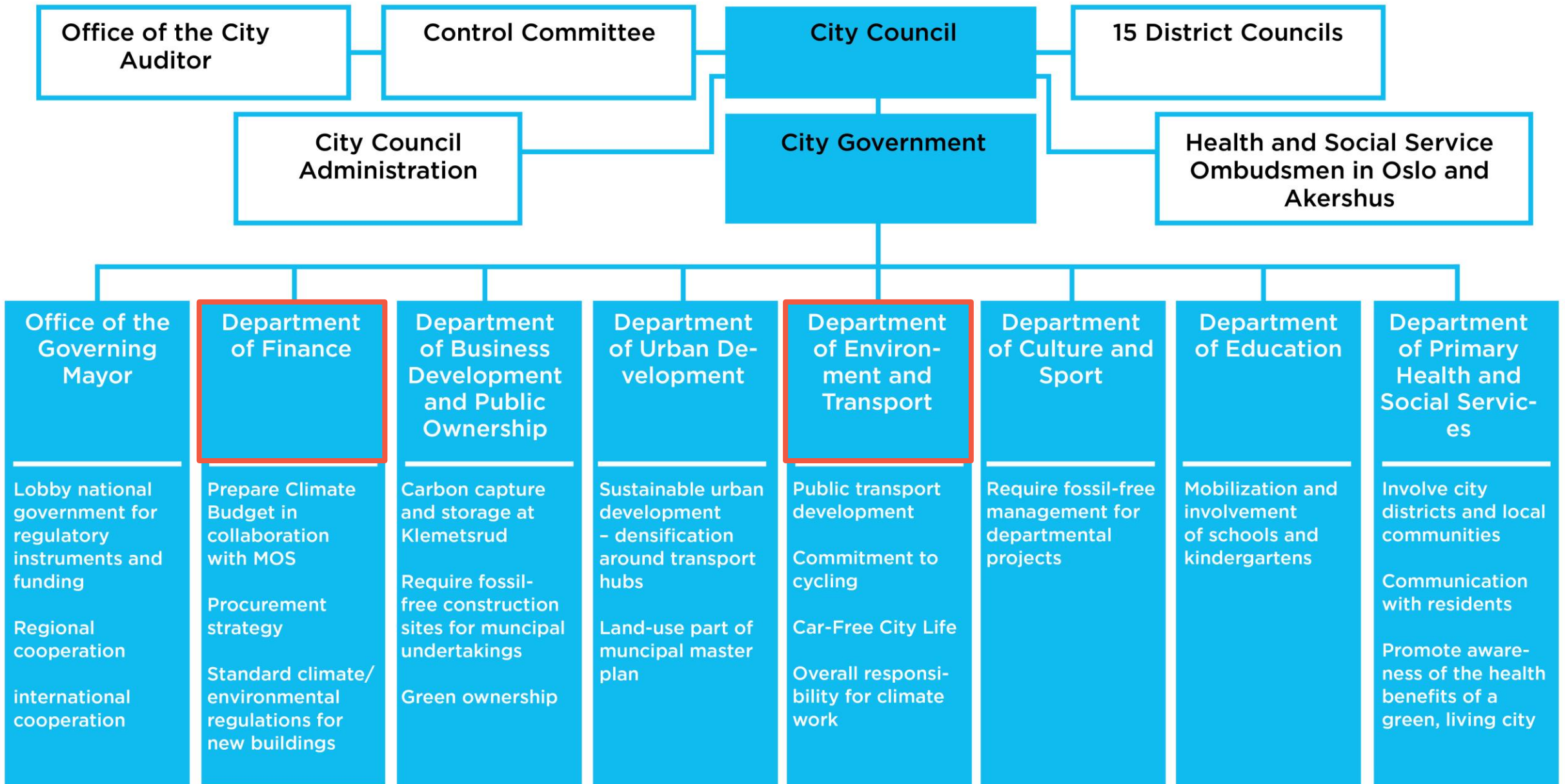
All elements of the analysis must hold the same system boundary and scope!

***"If we cannot measure the emissions, we cannot effectively reduce them"***

# A continuous process...



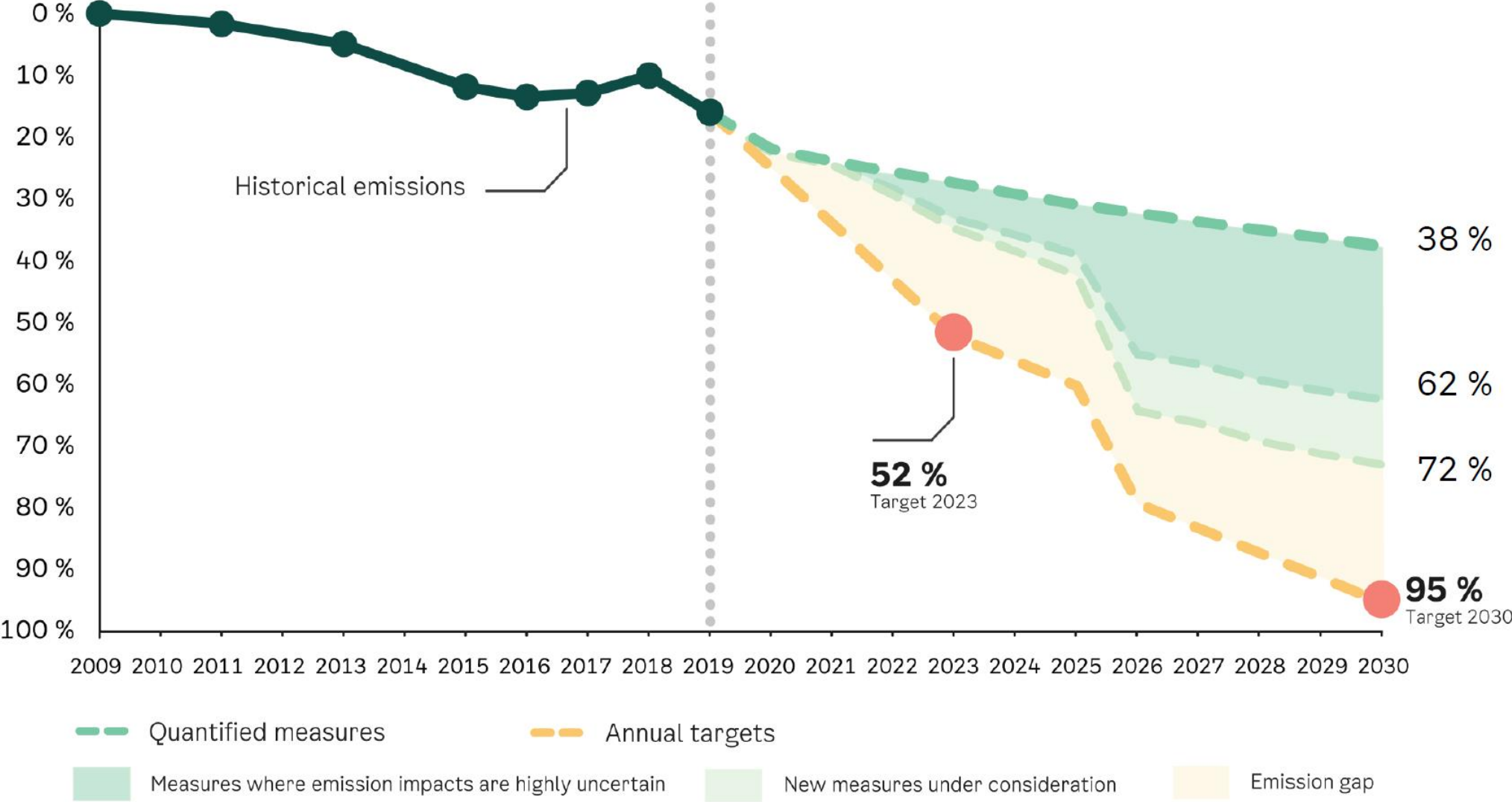
Illustration: [manual for climate budgets for norwegian municipalities](#)



Source: City of Oslo (2021)



# Oslo's climate budget analysis 2022



# Co-creation accelerate change!

The climate budget process accelerate change:

- City residents
- National governments
- Businesses
- Academia & research community

*Improves with clear communication!*



# Lessons from Oslo

- Start with the emission sources you control
- Develop methods within the chosen system boundaries
- Ensure implementation of the measures through the budget process
- Ensure responsibility for reporting
- Communication, cooperation and transparency is key!



# Norwegian guideline

- how to develop a climate budget

- Project from 2019-2021
- City of Oslo, Trondheim and Hamar
- Based on experiences from six cities and regions in Norway developing climate budgets
- Published in January 2021
- Available here:  
<https://www.ks.no/fagomrader/samfunnsutvikling/klima/veileder-for-klimabudsjett/>





**Thank you**

crobertsen@c40.org

