



Stavanger
kommune

Mission Cities: Klimanøytral by 2030

GRØNN BY 13.juni 2023

Gerd Seehuus, Stavanger kommune, koordinator



Mission Cities - klimanøytrale innen 2030

Stavanger er en av 112 europeiske byer som skal gå foran i omstillingen – og bli klimanøytrale innen 2030.

Det stiller krav til kommunen og Stavangersamfunnet, men åpner samtidig opp for nye og spennende muligheter.



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Skal byen bli enda bedre,
er første skrittet en erkjennelse
av at *status quo* ikke er godt nok,
noe som selvfølgelig ikke er det samme
som at alt er dårlig.

Det er begynnelsen på et stort arbeid,
som vi må gjøre sammen.

*Christian Pagh,
direktør i Oslo arkitekturtriennale*

Jeg er av den oppfatning at
det er en viktig oppgave
å bedrive kritikk,
og faglig vurdere hva som er bra og ikke,
nettopp for å lære av feilene
– for å få til forandring.

Kritikk er uttrykk for
engasjement og vilje
til systemforandring.

Mrs Bahanur Nasya
Eutropian GmbH
Marxergasse 24
1030 Wien

Letter of Support for
F-DUT-2022-0114
Energy as a common pool resource

ENERGY4ALL

Grønn by herewith expresses its explicit interest and support for the project proposal **ENERGY4ALL**. We consider this project and its foreseen activities to be of high value and in line with the Programme's objectives to

- Identify barriers and opportunities of the legislative framework in a given national context and make use of the transnational setting of the projects by comparing and identifying fruitful frameworks and best practice examples^[1].
- Design and demonstrate strategies for mobilising active citizen participation in the energy market in a given local context through awareness, and capacity-building, also linking with existing local initiatives^[2].
- Design business model development in a given local context and design a process for technical implementation, planning and design of the energy-relevant assets in an energy community^[3].

ENERGY4ALL gathers academia, business organisations, municipalities as well as NGOs and local initiatives from 4 Countries with the aim to rethink energy as a common pool resource, its accessibility and distribution, considering energy communities as spaces for experimentation of 'politics in practice' demonstrating bottom-up initiatives, producing results more widely internationally interesting by representing real life situation and solutions.

Grønn by is an independent foundation and a competence network for companies and organizations concerned with sustainable urban and area development, in the Stavanger region. We contribute to competence enhancement and professional development within topics such as area development, construction, infrastructure, mobility, energy, social sustainability and circular economy.

The project perfectly aligns with the goals, values and vision of our organisation. For these reasons, we strongly encourage the support and funding of the project **ENERGY4ALL**. Should the project be granted, Grønn by will commit:

- To cooperate with you in this project participation at major events of the Partnership;
- To support the project with input and state our requirements;
- To help dissemination and knowledge transfer activities towards other learning cities, institutions and the broader public.

Marie Koch Singelstad
Chief executive officer, Grønn by
Stavanger, 25.04.2023

Besøksadresse: Bergelandsgata 30, 4012 Stavanger | www.gronnby.no

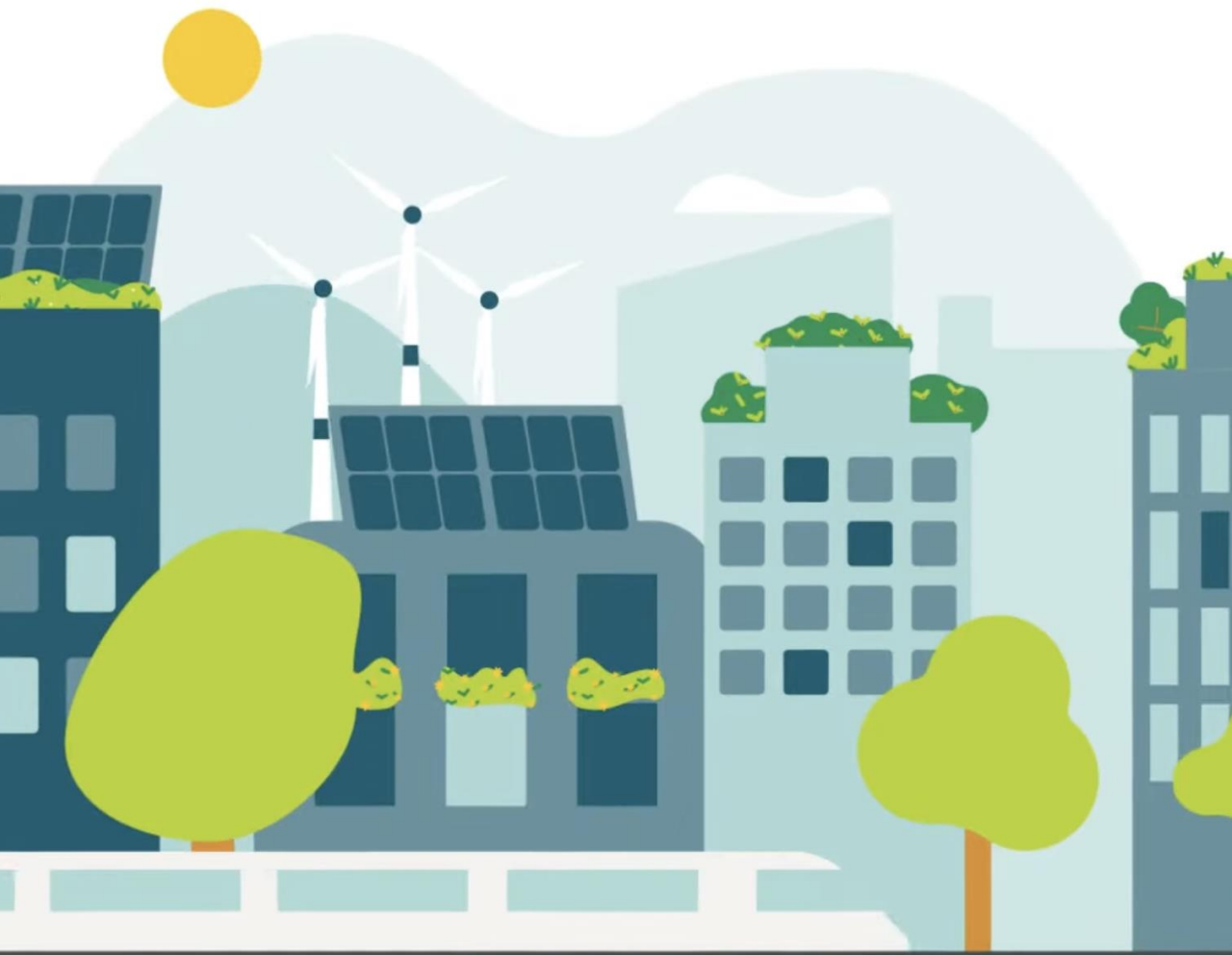


Samarbeid og samhandling

What's in it for me?
Angår det meg?



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Klimanøytral? Hva betyr det egentlig?

Å være klimanøytral betyr **balanse** mellom det som slippes ut av klimagasser og det naturen selv kan ta opp eller binde, gjennom naturbaserte løsninger, et såkalt netto-null-utslipp.

EUs krav er at byene som deltar i samfunnsoppdraget Mission Cities må ha som mål å kutte minst 80 prosent av egne utslipp innen 2030.

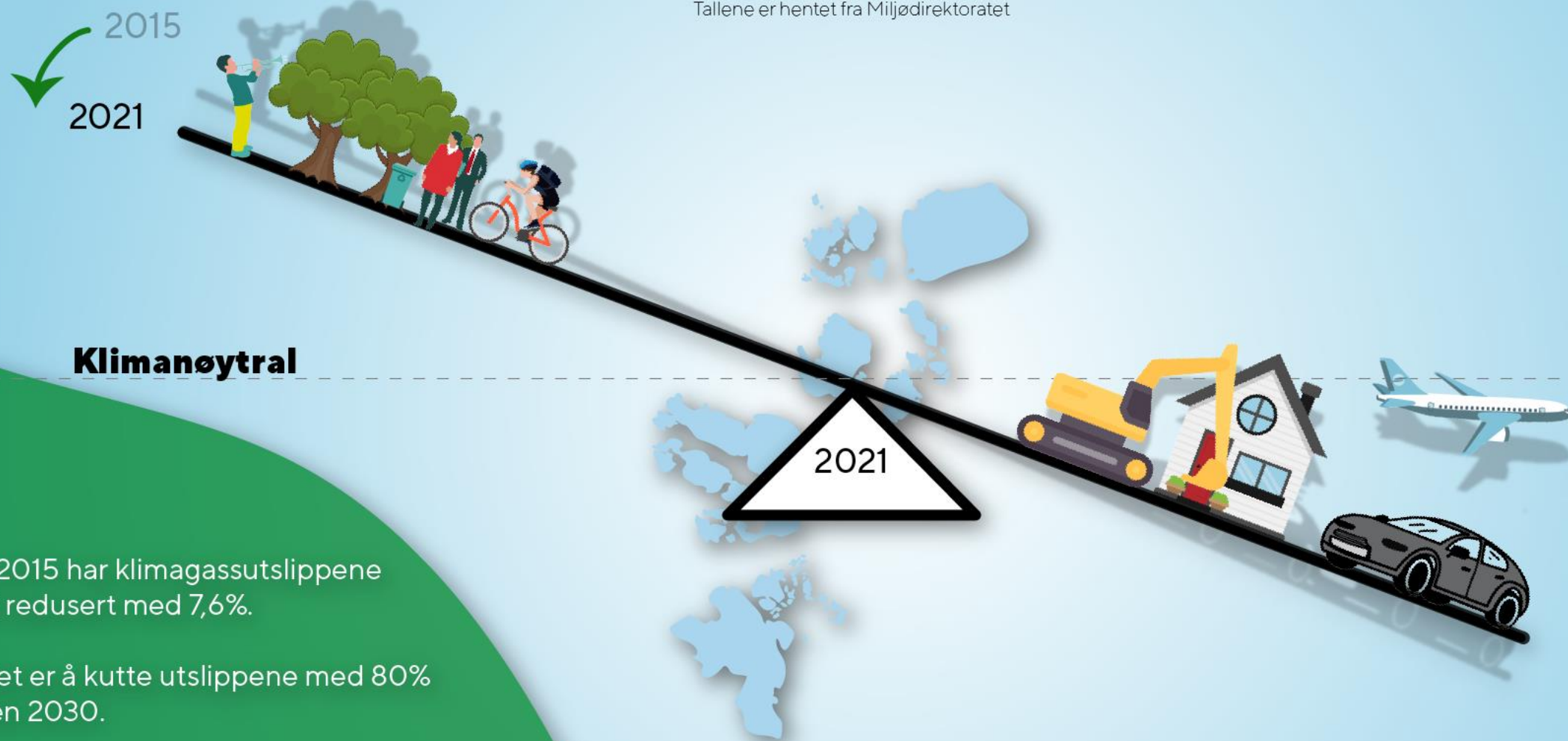
Det samsvarer med det klimamålet som kommunestyret allerede har vedtatt i Klima- og miljøplanen 2018-2030.



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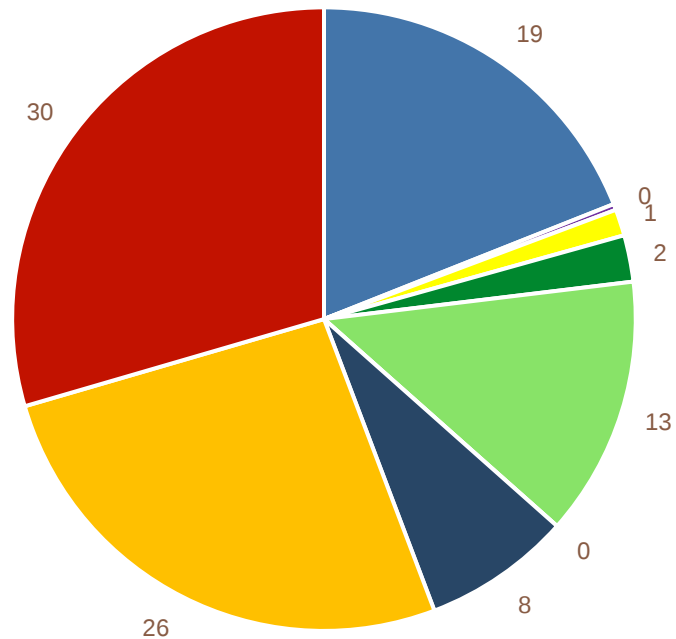
Klimanøytral innen 2030

Tallene er hentet fra Miljødirektoratet



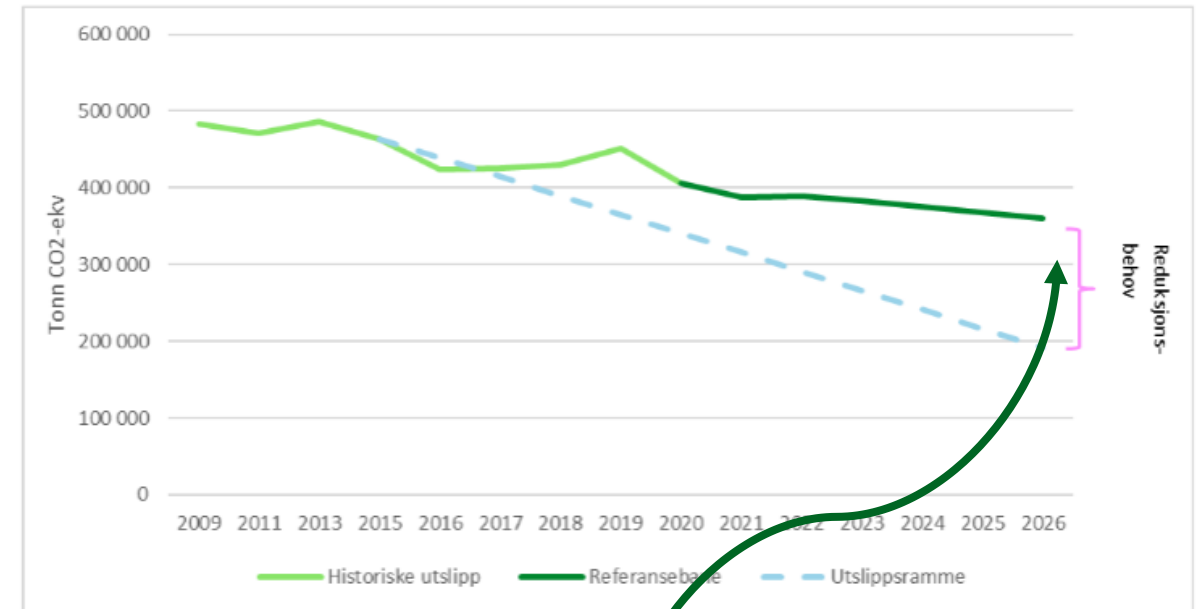
Nå-situasjonen:

Klimagassutslipp 2021 Stavanger



- Annen mobil forbrening
- Avfall og avløp
- Energiforsyning
- Industri, olje og gass
- Jordbruk
- Luftfart
- Oppvarming
- Sjøfart
- Veitrafikk

Gapet vi må lukke



Figur 2 Referansebanen viser mulig fremtidig utslippsutvikling i Stavanger uten effekten av tiltakene i klimabudsjettet. Vårt bidrag til utslipp fra fellesanleggene på Nord-Jæren er inkludert, mens lokale jordbruksutslipp er ekskludert. Utslippsrammen viser en lineær nedgang mot utslippsmålet for 2030.

Vi må gjøre mer enn det vi har planlagt til nå for å nå målet om klimanøytralitet innen 2030.

Klimakontrakt

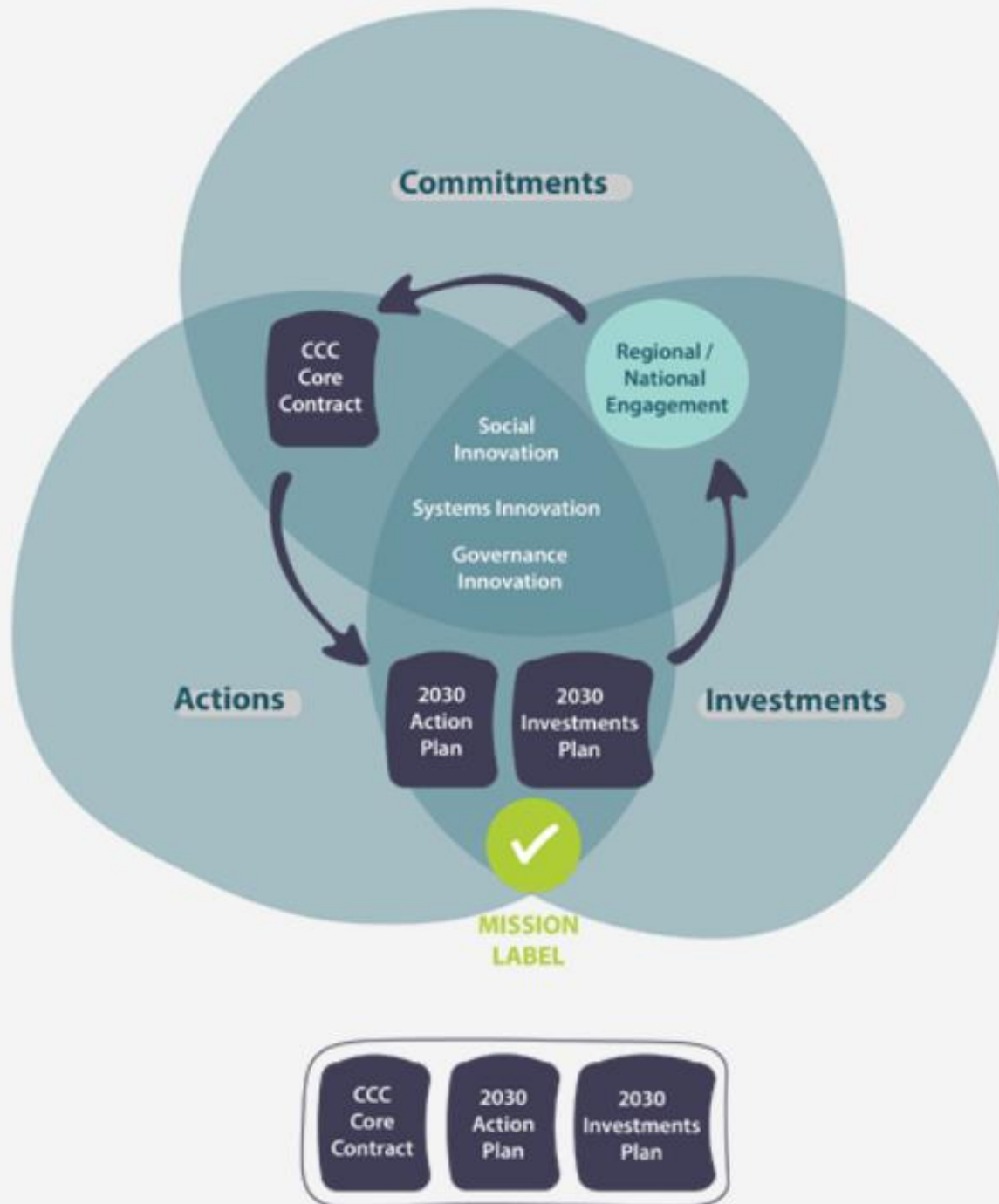
Skal vi klare å kutte utslippene av klimagasser med 80 prosent innen 2030, er vi avhengige av å ha med både næringsliv og befolkning på laget.

- I 2023 inviterer vi derfor næringsliv, innbyggere, organisasjoner, akademia og andre viktige samfunnsaktører til å utvikle en klimakontrakt sammen med oss, der vi forplikter oss til å bli klimanøytrale.
- Mange er allerede involverte – flere skal inviteres med.



Hvem, hva, hvor, hvordan?

- Hvilke prosjekter/planer/strategier er relevante?
- Hvilke muligheter/barrierer ser du med tanke på klimanøytralitet innen 2030?
- Hvilke samfunnsaktører må samarbeide for å bli klimanøytrale ?
- Hva kan din bedrift gjøre?



Cities Mission Climate City Contract Outputs



Commitments

- Vision and strategy
- Municipal Commitment
- Signatories and Endorsers
- Concrete commitments from Signatories
- Signatures (mayor as minimum, more encouraged)



Actions

- Agreed baseline
- 2030 Gap Analysis
- Impact pathway(s)
- Portfolio approach
- Systemic interventions
- Timeline, KPIs, responsibilities



Investments

- Capital needs assessment
- Enabling actions
- Capital deployment approach, portfolio implementation and scaling
- Milestones, Impact Framework





Commitments - Structure

Part A: Core Contract

Introduction

2030 Goal

Key priorities

Principles and
process

Signatories

Contract with
signatures

Part B: Stakeholder Commitments

Individual agreements
between municipality and
other stakeholders



2030 Climate Neutrality Action Plan - Draft Structure



Part A: Current State of Climate Action

Greenhouse Gas
Baseline Inventory

Current Policies and
Strategies Assessment

Systemic Barriers
towards 2030 Climate
Neutrality

Part B: Pathways City X Portfolio of actions to 2030

Climate Neutrality
Scenarios and Impact
Pathways

Climate Neutrality
Portfolio Description

Indicators for
Monitoring, Evaluation
and Learning (MEL)

Part C: Enabling Climate Neutrality by 2030

Organizational and
Governance
Innovation
Interventions

Social and Other
Innovation
Interventions

Financing of Action
Portfolio



2030 Climate Neutrality Investment Plan - Draft Structure



Part A: Current State of Climate Investment

Current Capital Allocation

Current Strategic Financial Policy

Barriers to Funding & Finance

Part B: Investment Pathways towards Climate Neutrality by 2030

Cost Analysis Scenarios

Portfolio Capital Planning

Economic & Financial Indicators MEL

Part C: Enabling Conditions for Climate Neutrality by 2030

Enabling Funding & Financial Policies

Risk Identification & Allocation

Capacity Building & Stakeholder Engagement

Alignment with Mission
Action Plan

Stakeholder
Engagement

Capacity
Building &
Assessment

Data Collection

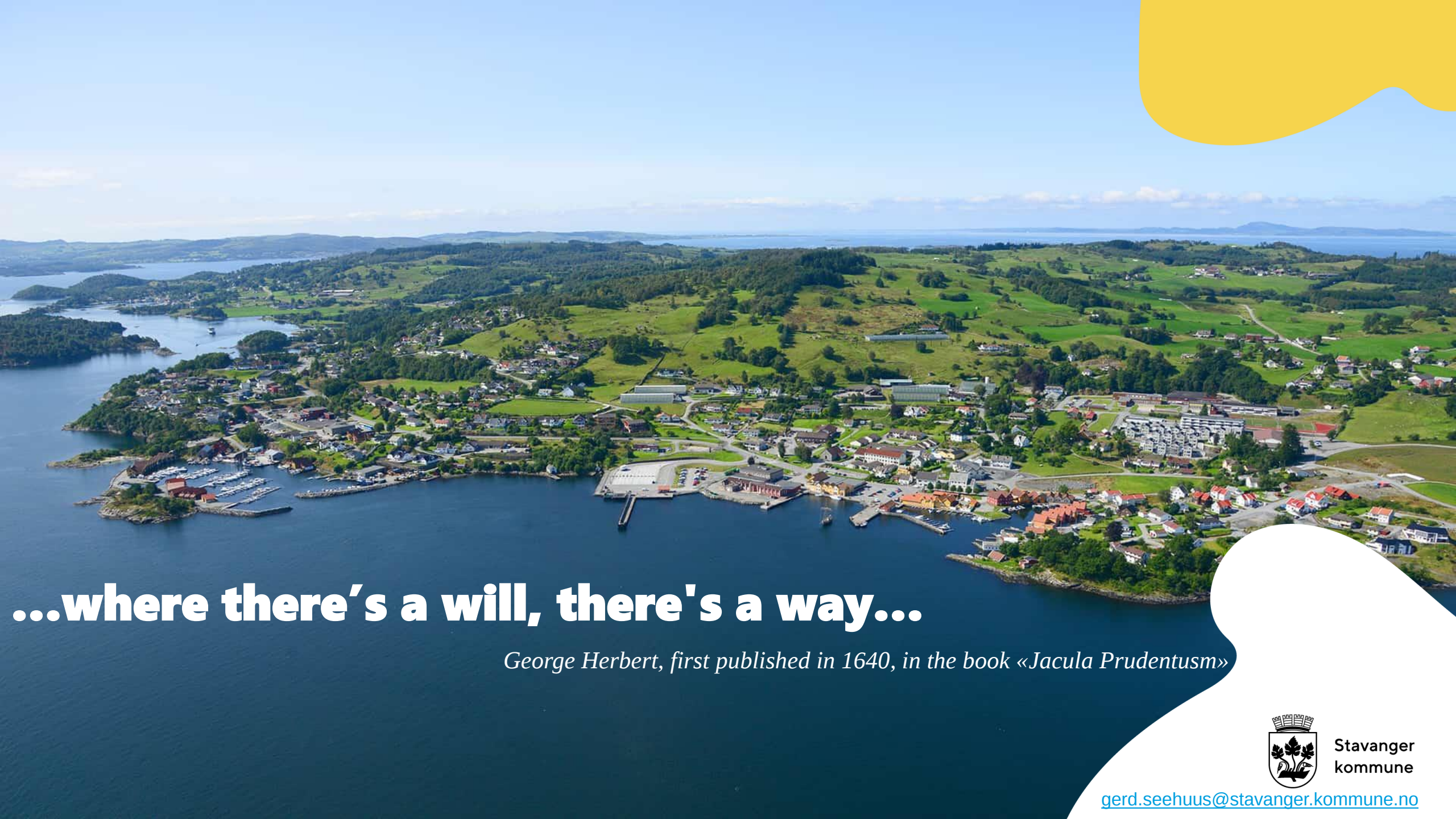
Financial Policy

Risk Analysis

Cost, Impact &
Capital
Planning

Impact
Monitoring
Framework



An aerial photograph of a coastal town in Norway, likely Stavanger, showing a mix of residential buildings, green hills, and a harbor with boats. The town is nestled between the sea and rolling green hills. The sky is clear and blue.

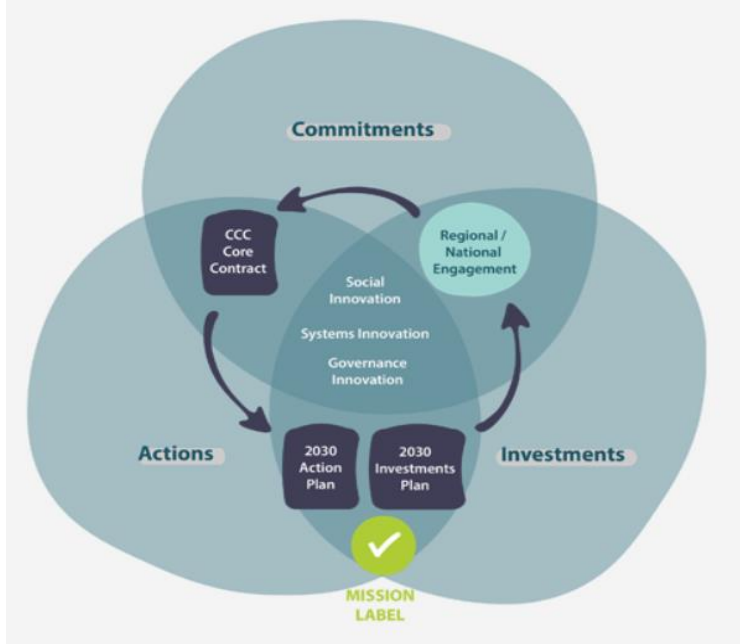
...where there's a will, there's a way...

George Herbert, first published in 1640, in the book «Jacula Prudentum»



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[Home - NetZeroCities](#)



[Using Systemic Innovation to Radically Reduce Greenhouse Gas Emissions - YouTube](#)