



FREDRIKSTAD KOMMUNE

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VERDENS-
BYEN

Fredrikstad and the green shift

Per-Erik Torp

Director of environment and city development in Fredrikstad

Topics

- This is Fredrikstad municipality
- Fredrikstad and the green shift
 - Plans
 - City development
 - Transport
 - Industry and business development



This is Fredrikstad



This is Fredrikstad



This is Fredrikstad



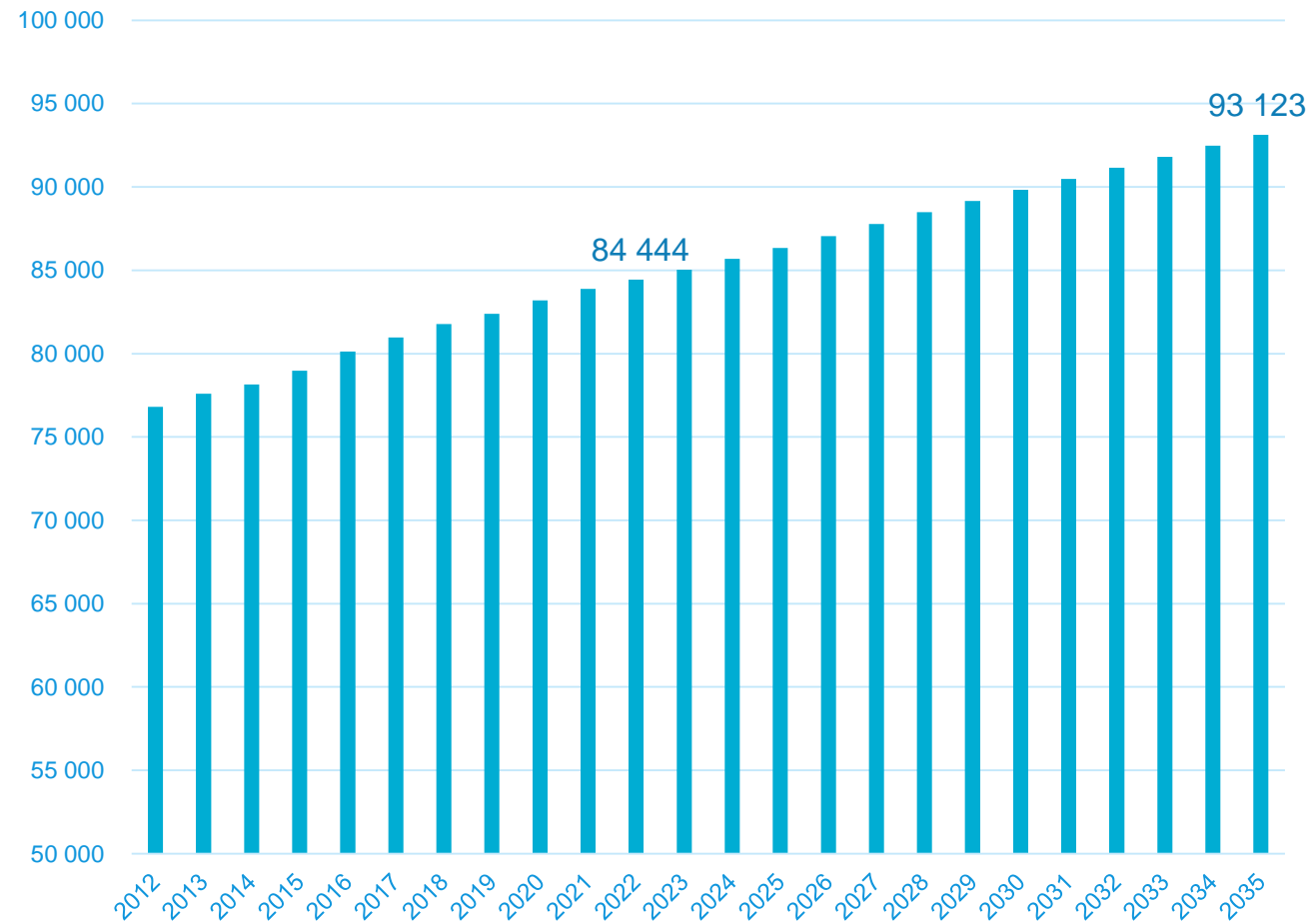




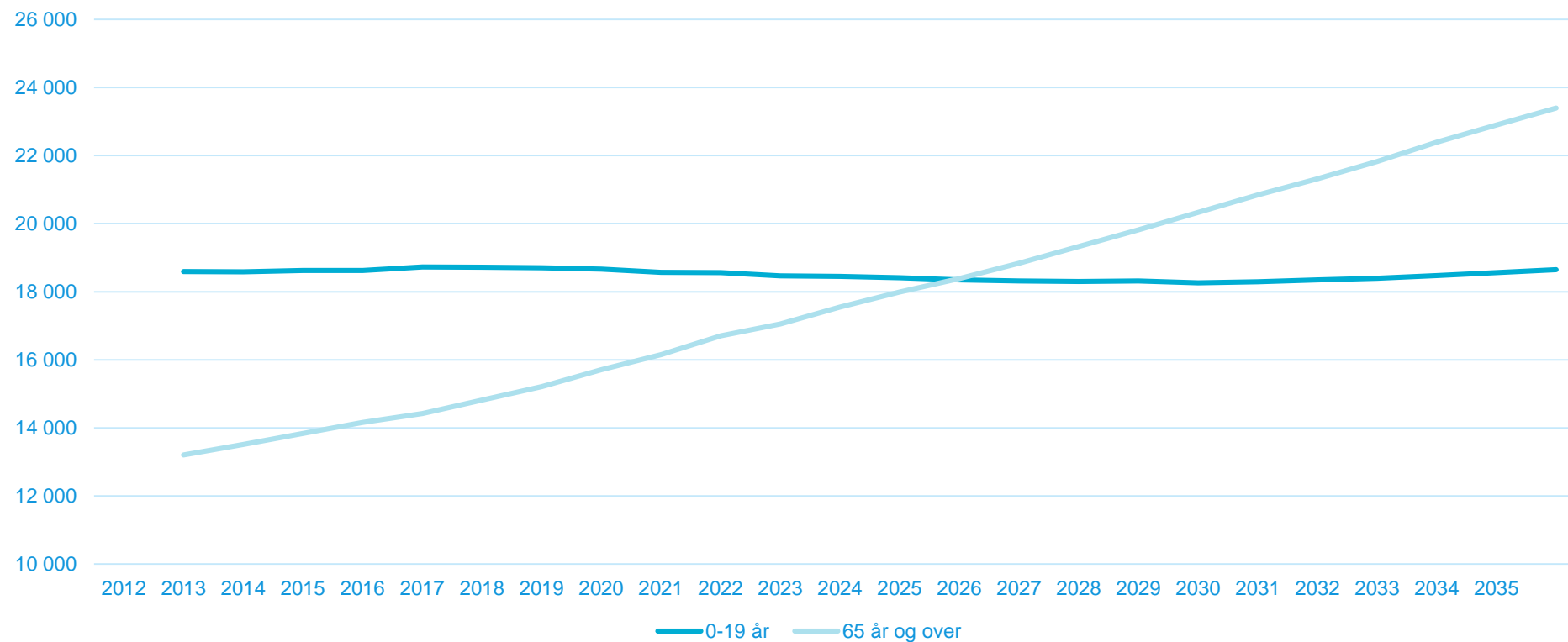
Foto: Bjørn Moholdt



Population



Population



Climate plan

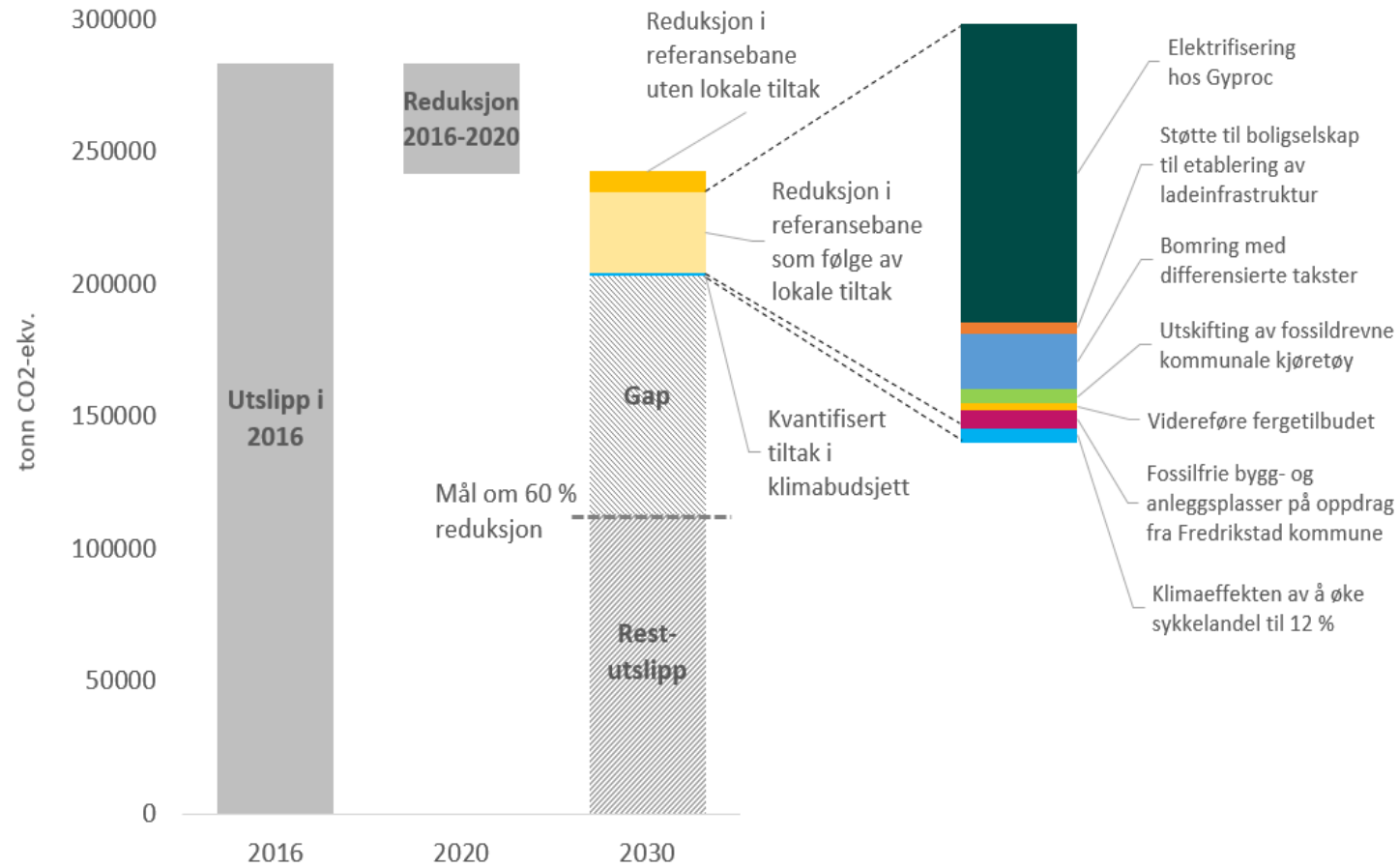


Goals

- By 2030, greenhouse gas emissions must be reduced by least 60 per cent, compared to 2016
- Fredrikstad will contribute to the Østfold region achieving net zero greenhouse gas emissions by 2050 by both sharply reducing emissions and increasing CO₂ uptake in Fredrikstad
- Fredrikstad will contribute to achieving the global low-emission society by 2050

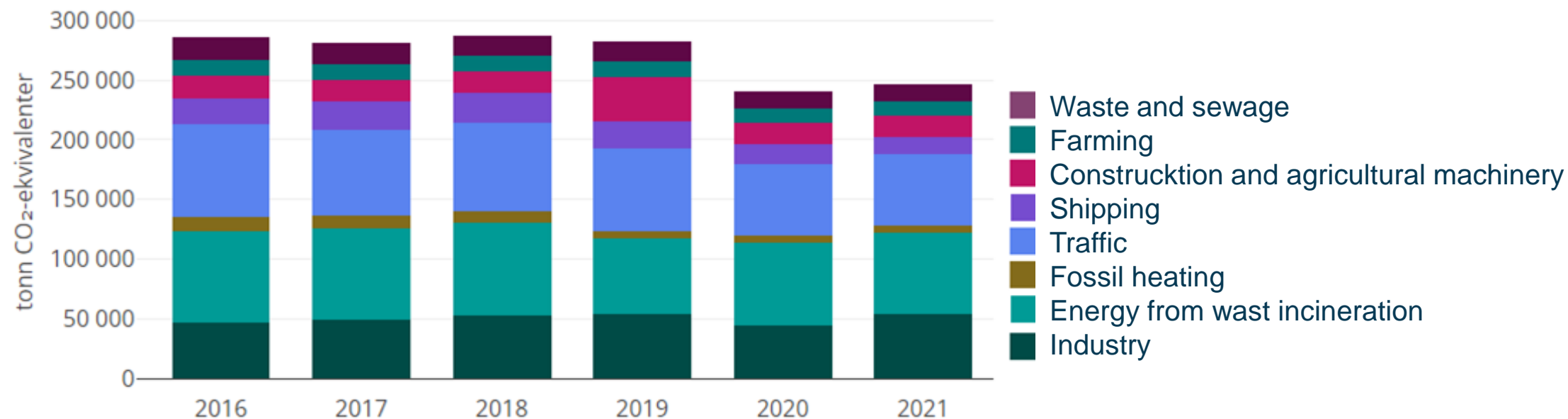


Climate plan



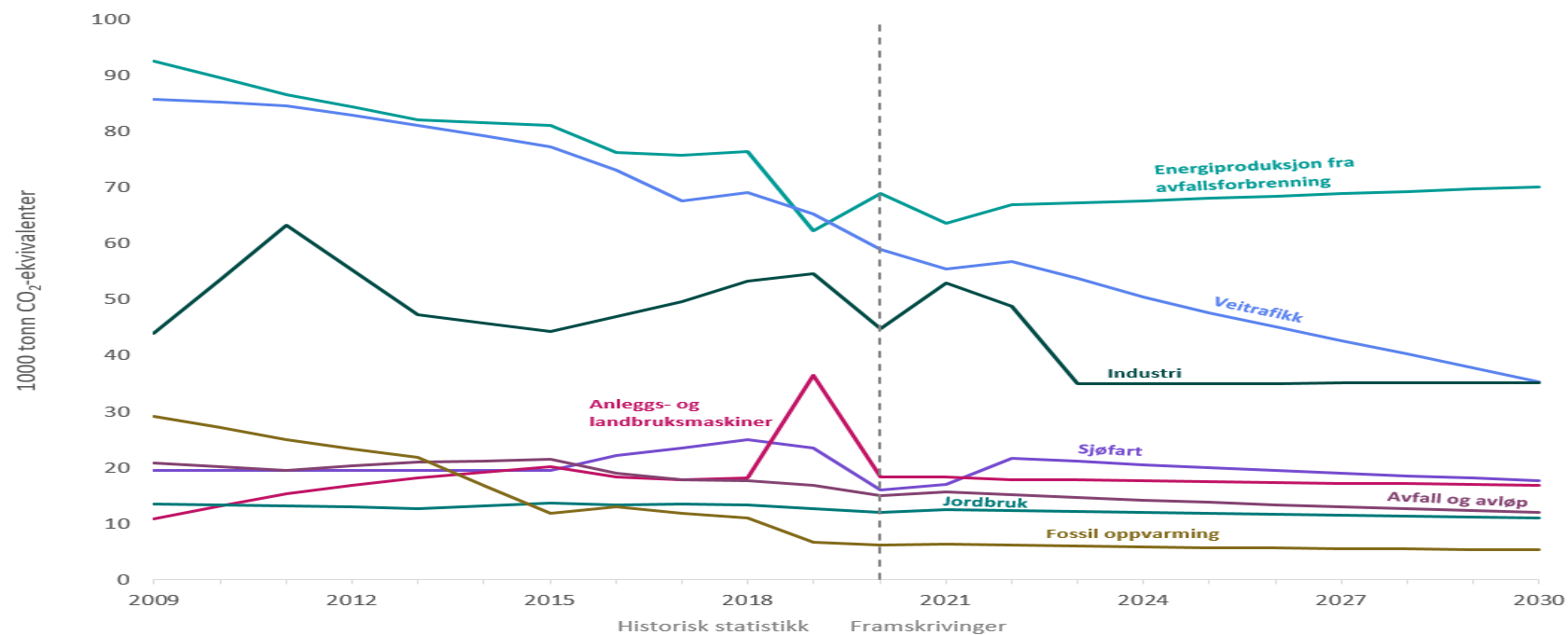
Annual climate budget

Status of emissions



Annual climate budget

Projections



Annual climate budget

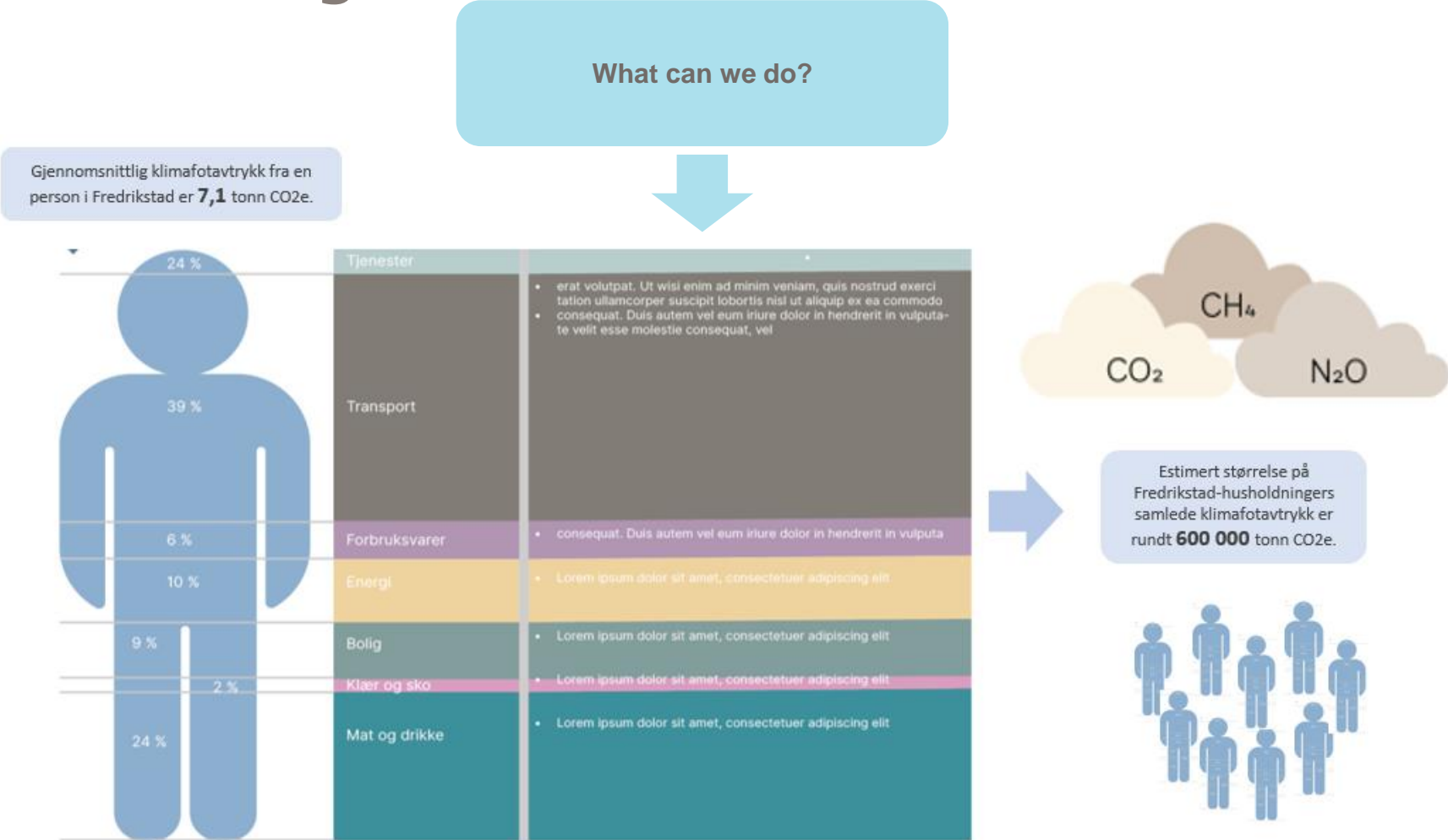
Overview of planned measures

Tiltak og virkemidler som reduserer klimagassutslipp fra industrien	Ansvar
Kartlegging av nåværende og framtidig energi- og effektbehov på Øra industriområde, samt utrede konsepter for kraftig reduksjon av klimagassutslippene fram mot 2030. (Prosjekt «Klimasats Øra»).	KMB – Miljø og byutvikling
Bruke næringsfondet til å støtte prosjekter som bidrar til å gjennomføre næringsplanens strategier. Det grønne skiftet og sirkulærøkonomi er et strategisk viktig satsingsområde.	KMB – Miljø og byutvikling



Annual climate budget

Climate footprints



City development













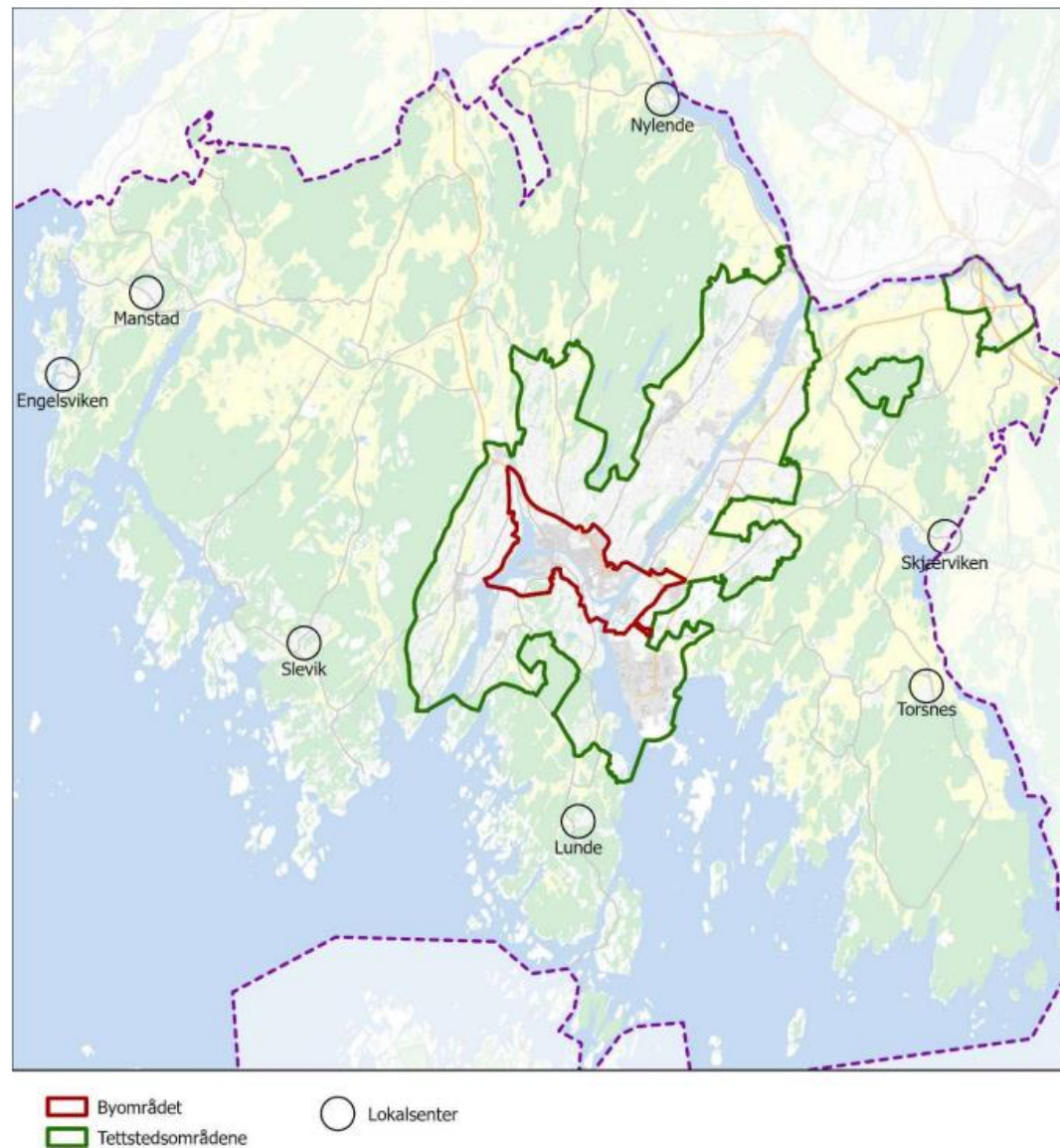






City development

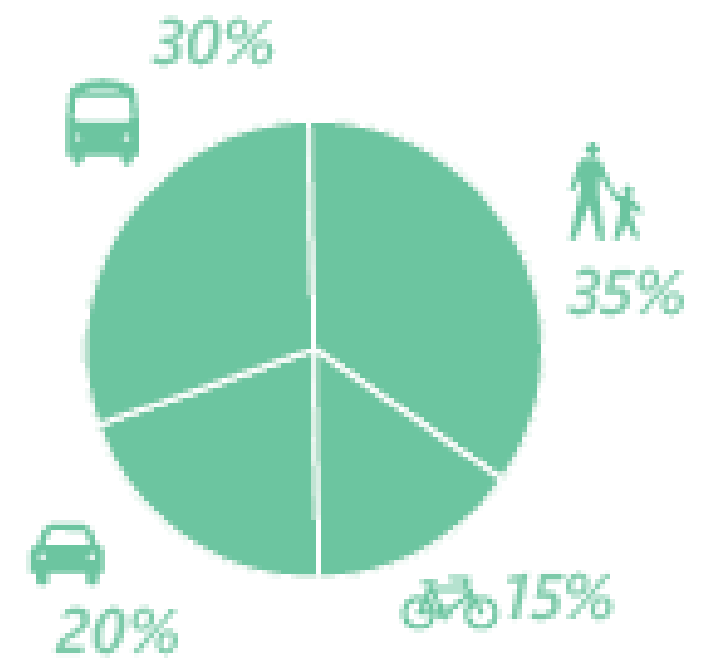
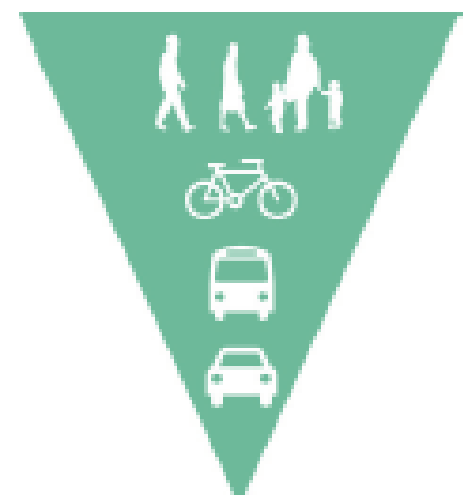
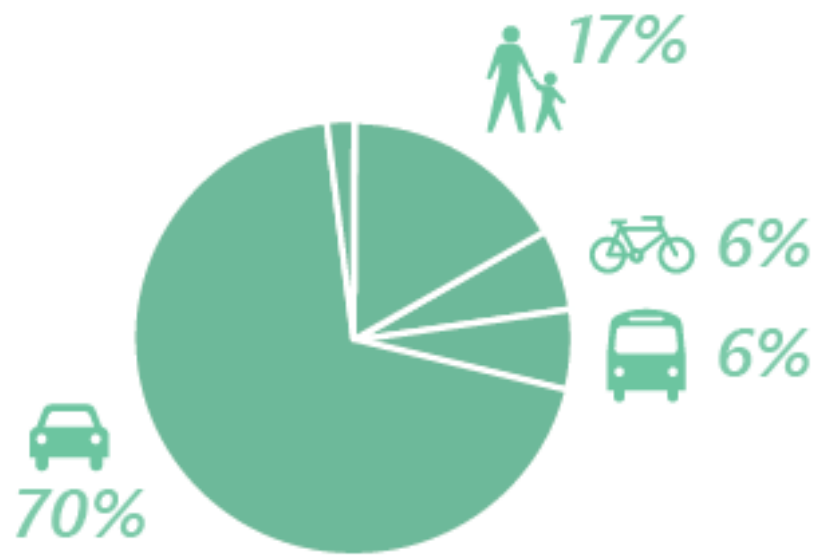
- 60/30/10 → reduce transport needs
- Climate-friendly solutions



Transport

- Contribute to more people walking, cycling or choosing public transport





Good conditions for increasing cycling

Not many hills
Good climate
Short distances

About 40,000 people live and/or work within an area where it takes 10 minutes to cycle to the city center

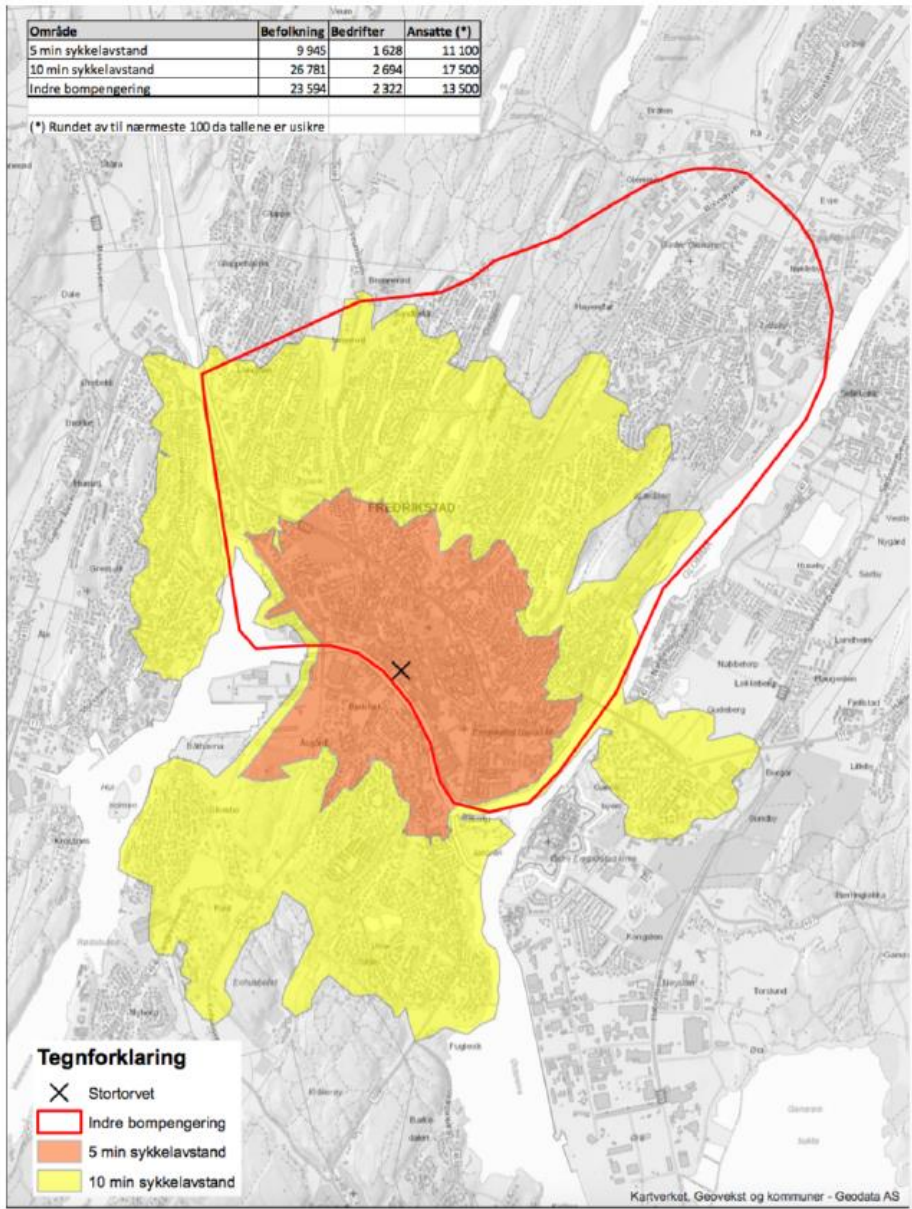


Foto: Geir A. Carlsson



Transport

- Contribute to more people walking, cycling or choosing public transport to reduce transport needs
 - build more cycle paths
 - free ferry
 - Campaigns



Foto: Geir A. Carlsson



Transport

- Contribute to more people walking, cycling or choosing public transport to reduce transport needs
 - build more cycle paths
 - free ferry
 - Campaigns
- More electric cars
 - cheaper parking
 - cheaper toll passage
 - good charging network
- More environmentally friendly goods transport



Industry and business development

- Work closely with industry
 - Networks and projects
 - Influencing government decision makers
- Circular economy within various areas with several industrial companies

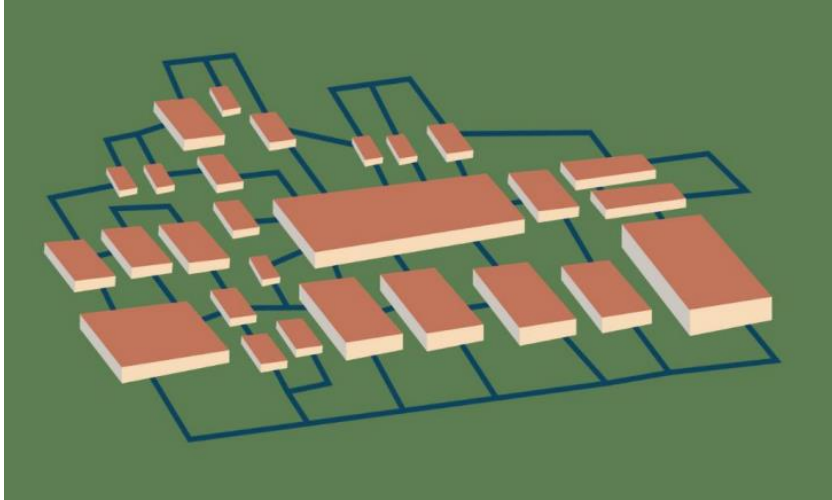


Illustration: Viken Park Bachelorprosjekt



EU projects



TREASoURcE

- Is a four-year project (2022-2026) receiving funding from the European Union under the Horizon Europe research and innovation programme
- TREASoURcE aims to initiate systemic change by developing systemic circular economy solutions in cities and regions for currently underutilised or unused plastic waste, end-of-life electric vehicle batteries and bio-based waste and side streams. Implementing these solutions together with companies, societies (including citizens, consumers, communities and regional actors) and experts in the field is expected to significantly increase product and material circulation in the Nordic and Baltic Sea Regions.



EU projects



- The objective of SUM is to transform **current mobility networks** towards innovative and novel shared mobility systems (NSM) integrated with public transport (PT) in more than 15 European Cities by 2026 reaching 30 by 2030





Foto: PAL Robotics



Foto: Hyke AS

