

Ageing in the Arctic

Developing age-friendly cities and communities in the North

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Fabric+

We co-desing solutions to issues facing northern comminities, cities and regions.

- Architecture and design
- Health and wellbeing
- Local development











-11° / +30°

Temperature variation in the last 13 months (from Aug. 2023)

 -9.4° / $+6.6^{\circ}$

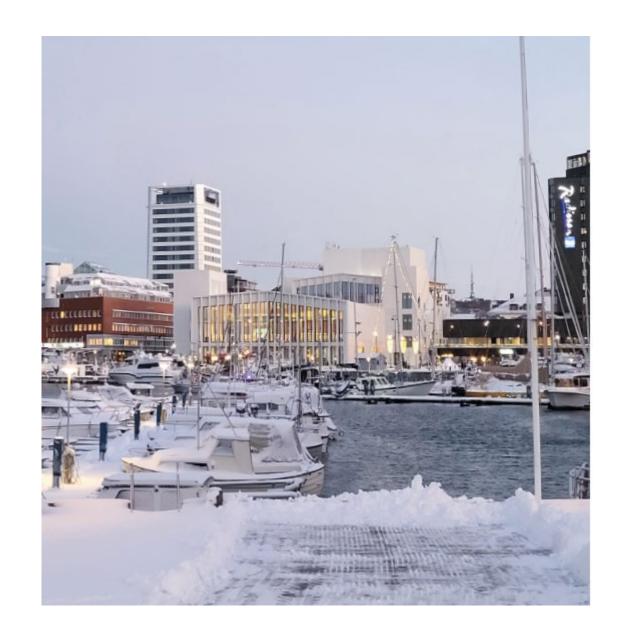
Temperature variation in Dec. 2022

55,000 inhabitants

305%

Expected growth of individuals over 90 year of age in Bodø Municipality by 2050 (SSB, population projection) 146%

Expected growth of individuals aged 80-89 in Bodø Municipality by 2050 (SSB, population projection)





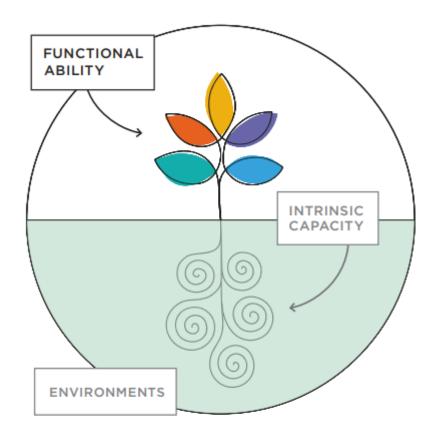


"How the heck do people cope with age?"





Agefriendly cities and communities framework



DECADE OF HEALTHY AGEING







"The high snowbanks along the roads are the biggest challenge when I'm out walking."

How do weather and road conditions affect the ability to be independented maintain a high quality of life?







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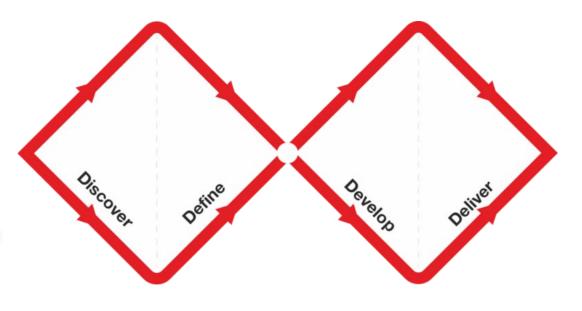
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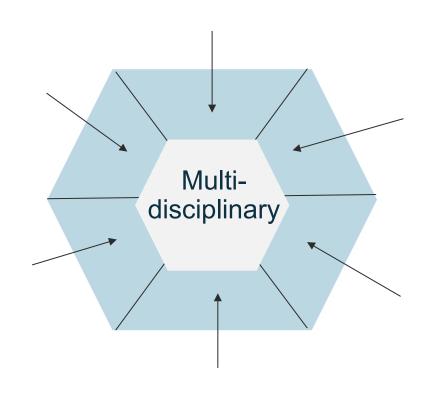


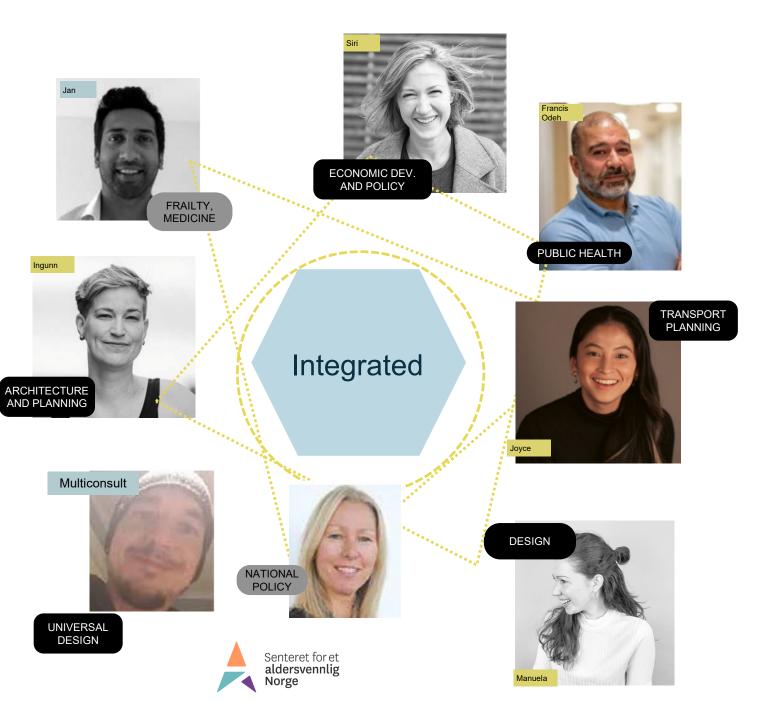


Design og arkitekti Norge









Weconsulted ver 300 seniors using a widevariety of methods







27 insights across5 topics

- 1. The impact of winter on senior citizens in Bodø
- 2. Falls and fall prevention
- 3. Agefriendly winter city
- 4. Transport and mobility
- 5. Services (voluntary / public)

Ageing in the Arctic

Innsiktsrapport



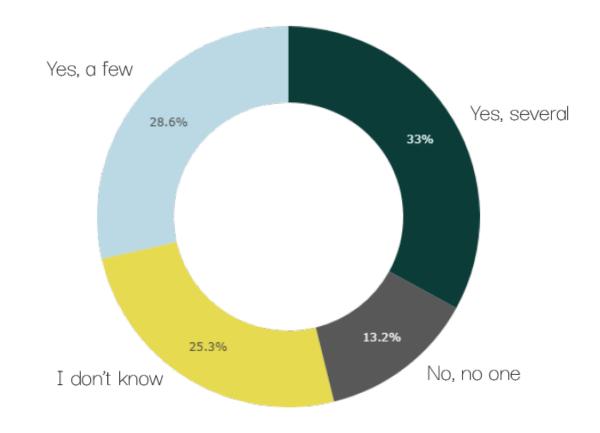


Weatheandroad conditions exacerbates isolation

Over 60% know «some» or «several» elderly who avoid going out in winter

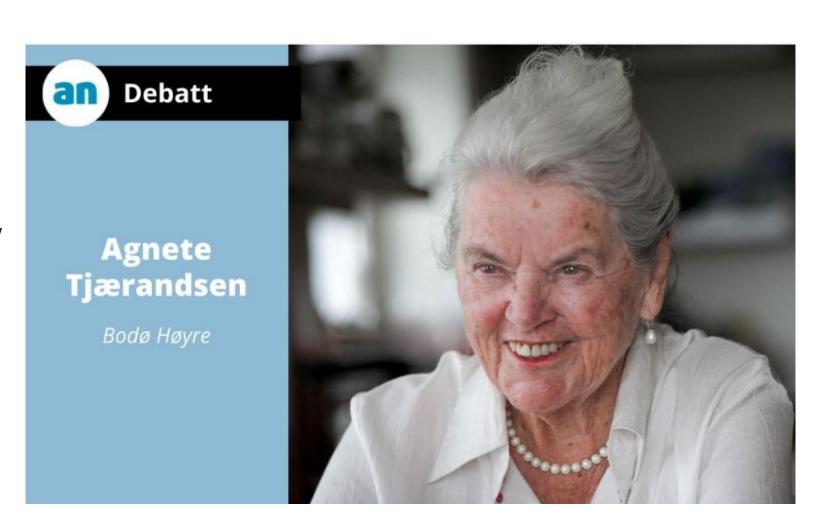
It affects people's sense of SAFETY, ACTIVITY level, HEALTH, and their DESIRE to go outside.

Do you have anyone in your social circle that avoids going out in winter due to weather conditions?





«When66 percent Bodø's aging population be snotdare to gooutsiden winter when 33 percentareafraicht falling when the municipality pends NOK 20 million due to hip fracture aftera fall the nit is time for Bodø cityouncito takeaction.»

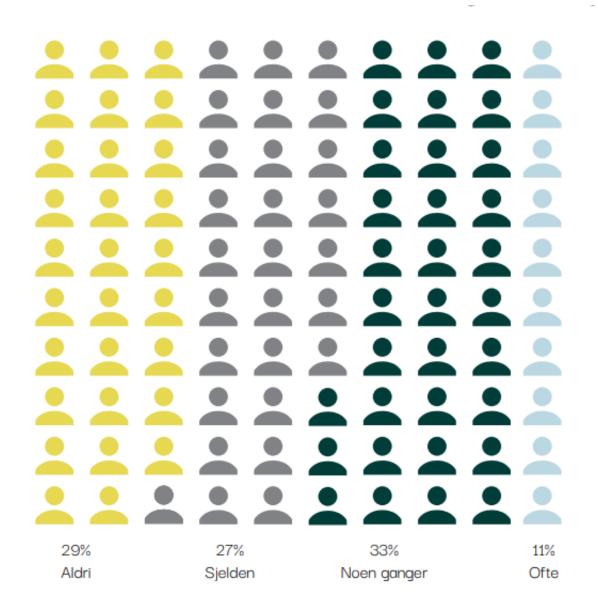




44% often / sometimes lack company in winter...

Worsene**b**y...

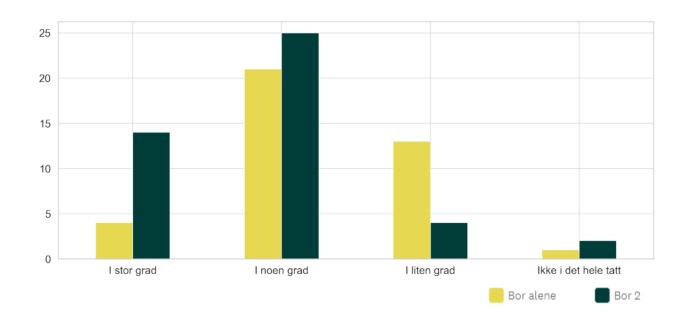
- Living alone
- Previous falls
- Increasing age





Those who live alone report on experiencing their neighbourhoods as more inaccessible, and feeling more unsafe.

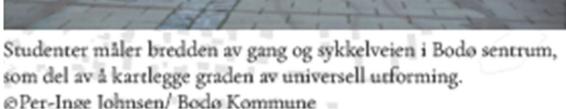
To what degree do you feel like your neighbourhood has good accessibility, and feel safe to walk in during winter?





«Universal design» gets cancelled duringnuchofthewintermonths





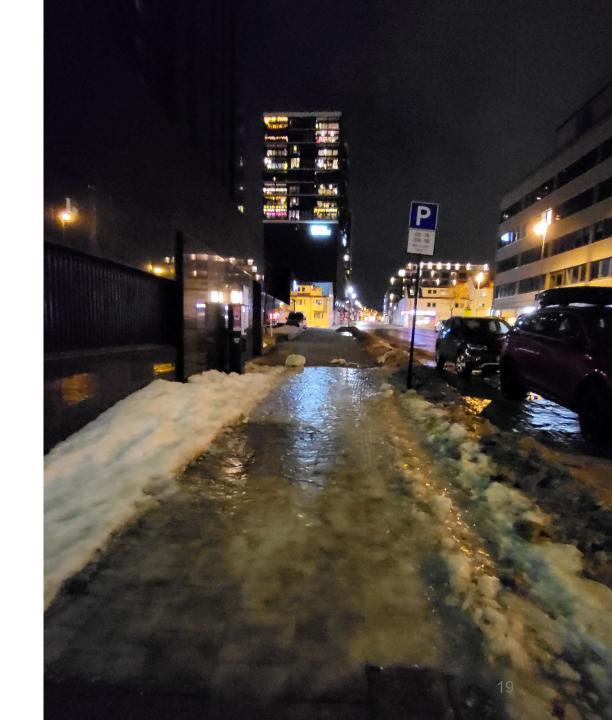






The cost of one hip fracture...

- 51,000 euros is the cost for each ip fracture
- 76 hipfracturesonaveragperyearin Bodø
- Costforsociety3,4 million euros perear, of which half is eingpaid by the municipality
- 95,000 eurossavedfor two hip fractures that are prevented





Respondents hohad experience a fall before feel moreunsafen their

neighbourhoods





Bodø is not a «spike-friendly city»

Howeasy is it to use personal walking aids?



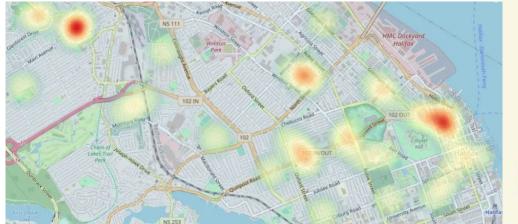


Shopping malls are important places in winter





1. Funding to prevent falls in outdoor areas



Fortell oss: Hvor har du sklidd?





Scan QR-koden og fortell oss hvor du eller noen du kjenner har sklidd, så det ikke skjer igjen.

Eller bruk: https://arcg.is/9Pnnj

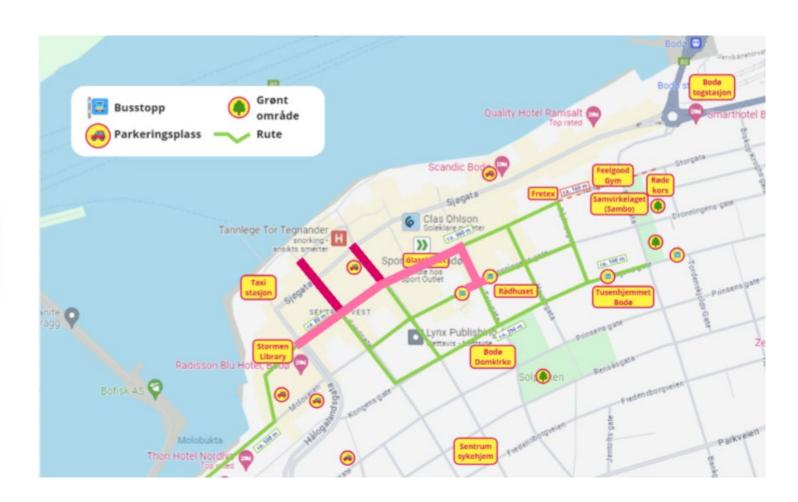






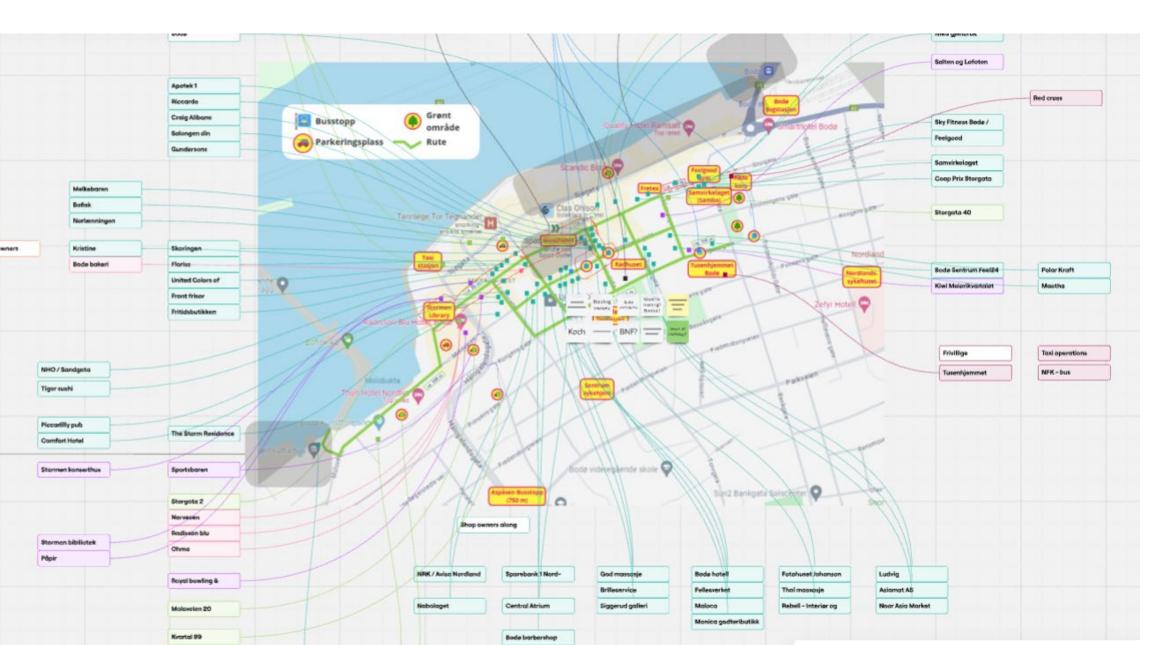
2. An age-friendly route?

- Working with the target group(s) to identify important places in the city centre
- Aiming to build a connected route that ensure an accessible circuit, connecting important places
- And... Engaging all the stakeholders along the route to collaborate.

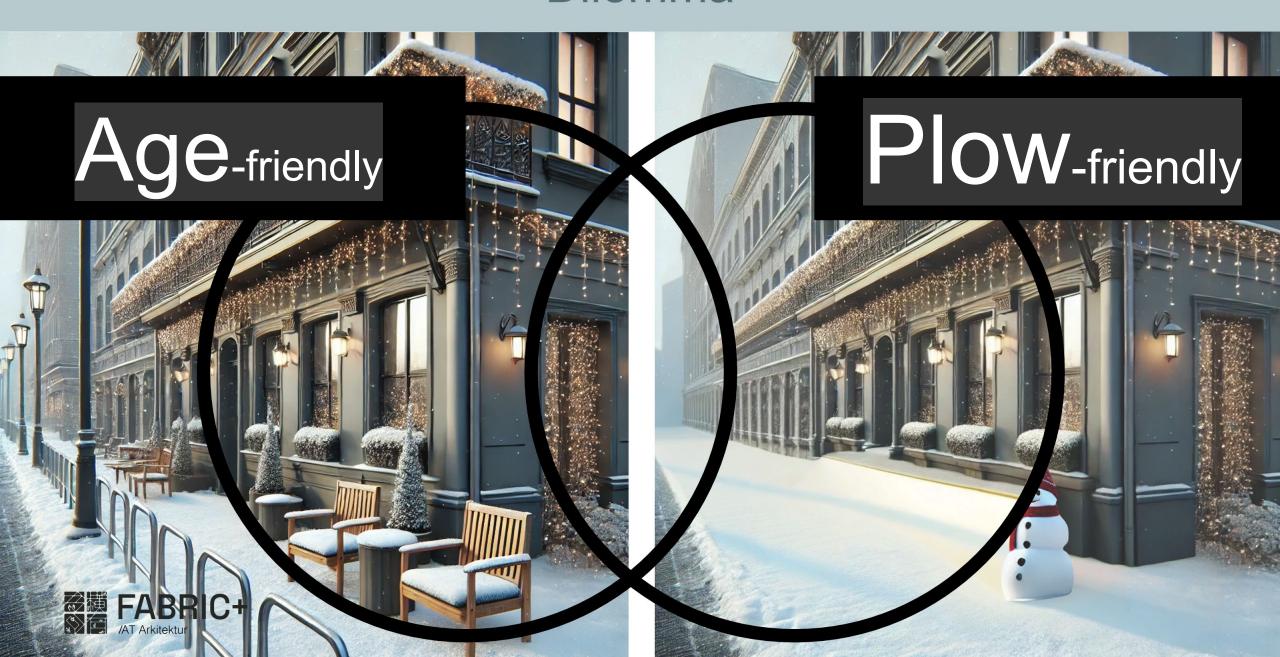




There are a lot of stakeholders...



Dilemma



Over to the NORA project

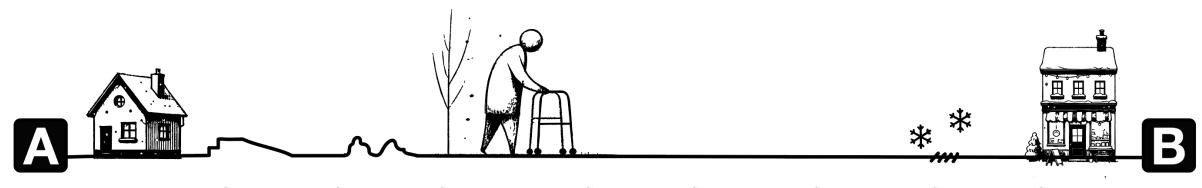


Let's engage!

Interactive session to understand the problem, gain ideas and work towards more age-friendly communities together



The challenge:









Lack of lights

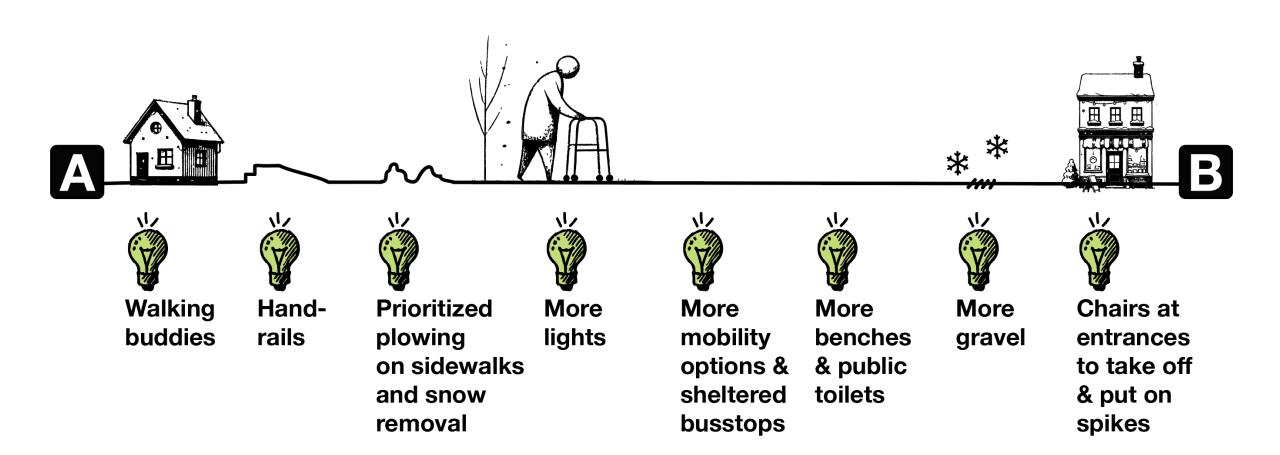
Long distance to busstop



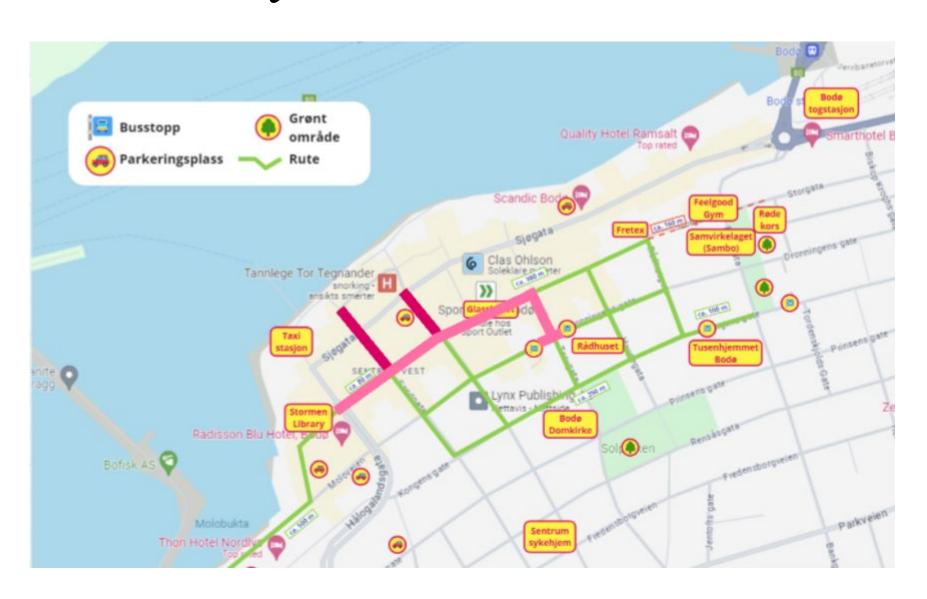




The ideal:



What do you think of some of the ideas?



Ideally, we would love to do this with you...



But we are instead moving to...

