



# Bodø - årstidenes by

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midtveisseminar  
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# EKSTREM VÆR



**FELLESKAP**



# HISTORIE



# I FORANDRING

A large crowd of people is gathered at an outdoor festival during twilight. In the background, a stage is lit up with green and blue lights, and several bright, golden-orange firework trails are shooting upwards into a dark, cloudy sky. The overall atmosphere is festive and vibrant.

# KULTURBYEN BODØ

A wide-angle landscape photograph of an Arctic coastal scene. In the foreground, dark, jagged rocks are scattered across the shore, with patches of snow melting between them. A small, dark silhouette of a person stands on a rocky outcrop in the middle ground, looking out over a calm, blue body of water. The background features a range of snow-capped mountains under a vast sky filled with soft, white clouds. The lighting suggests a low sun, creating a warm, golden glow on the right side of the frame.

# ARKTISK NATUR



**BÆREKRAFTIG**

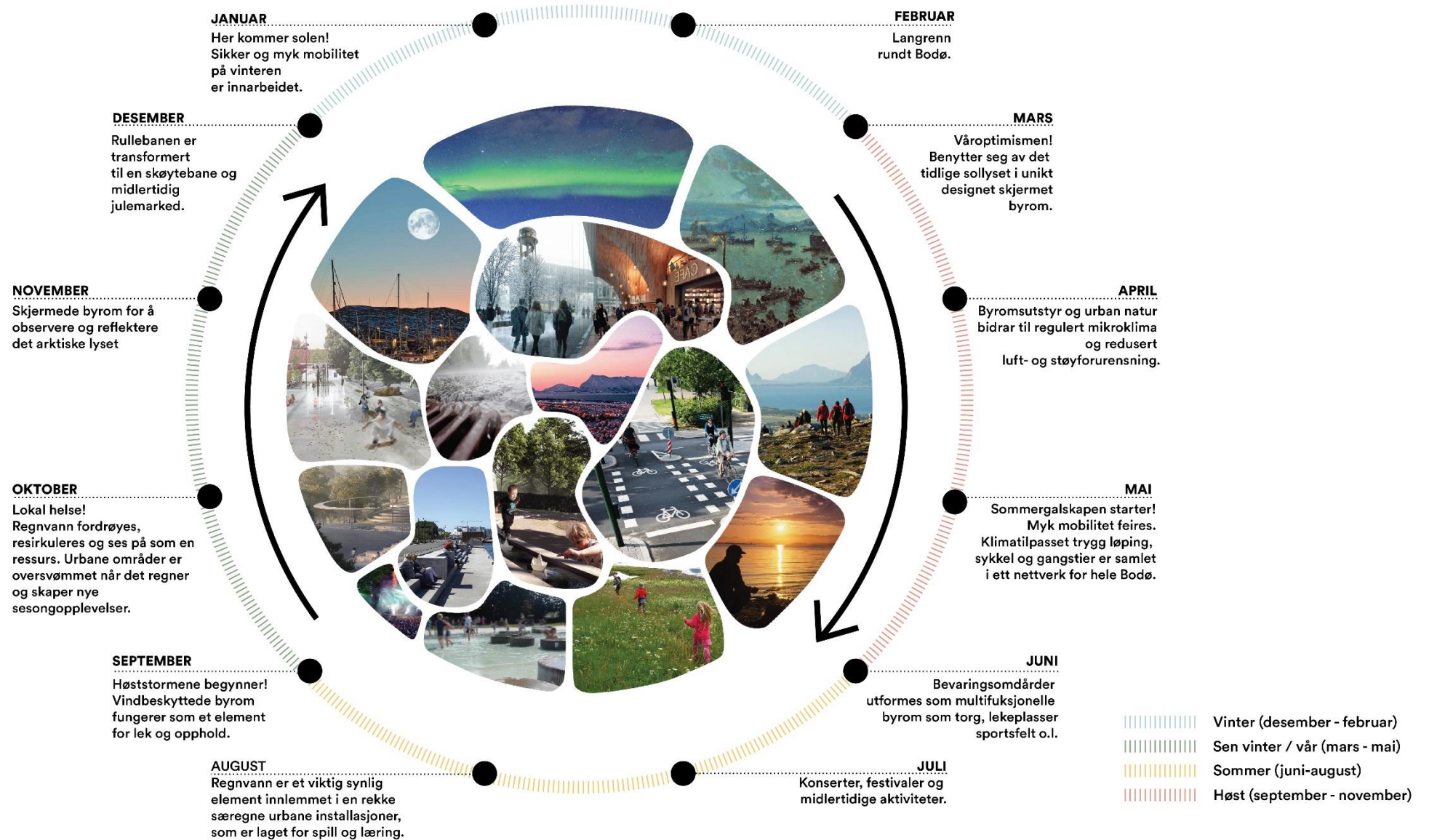
**BYUTVIKLING**





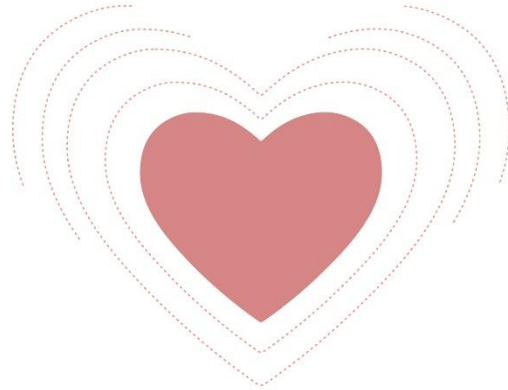
# ÅRSTIDENES BY

# Årstidenes by



# Byuvikling

## Organisk byvekst i Bodø



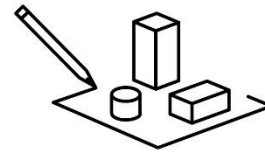
### Hvordan skal byen vokse?



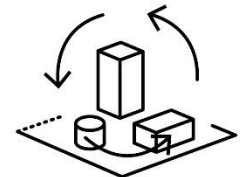
**1. Finne ut hva som skal bevares**



**2. Identifisere potentialene**



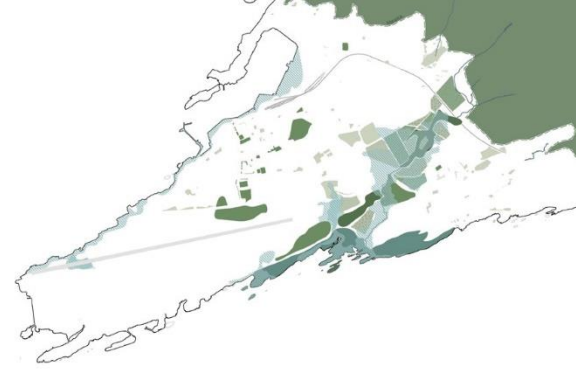
**3. Styrke potensialer og tilrettelegge for synergier**



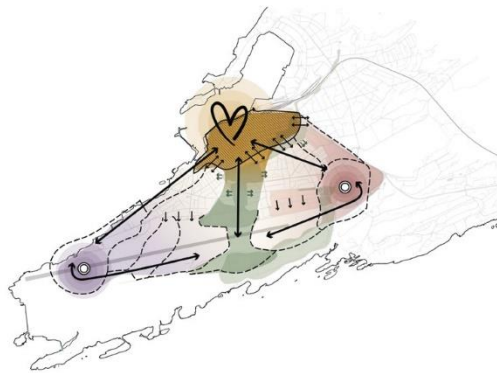
**4. Flexibilitet for framtiden**



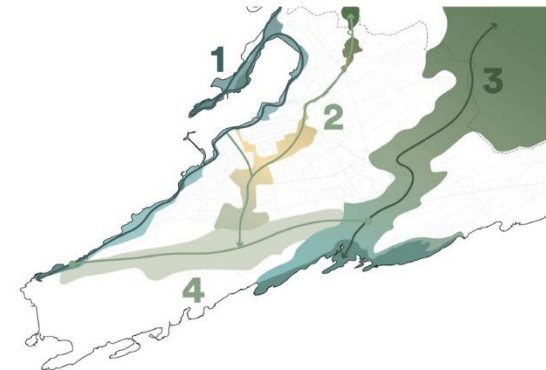
**Drivere i byutvidelsen**



**Klimaforutsetninger**



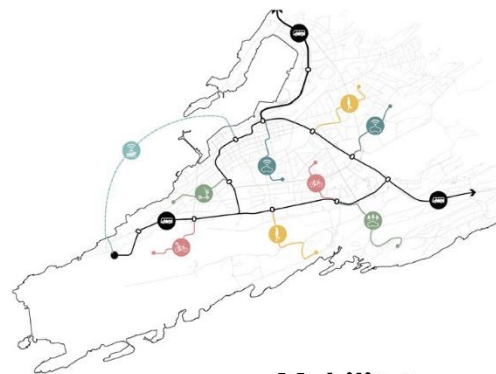
**100-års perspektiv**



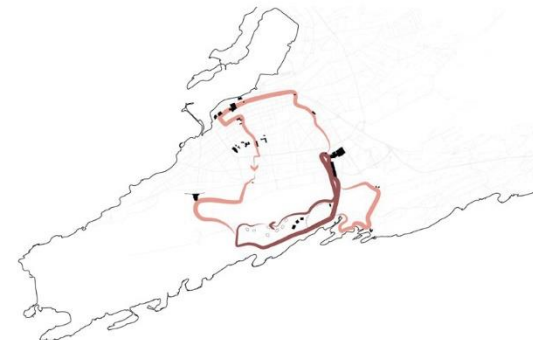
**Landskap- og naturverdier**

# **Bodø**

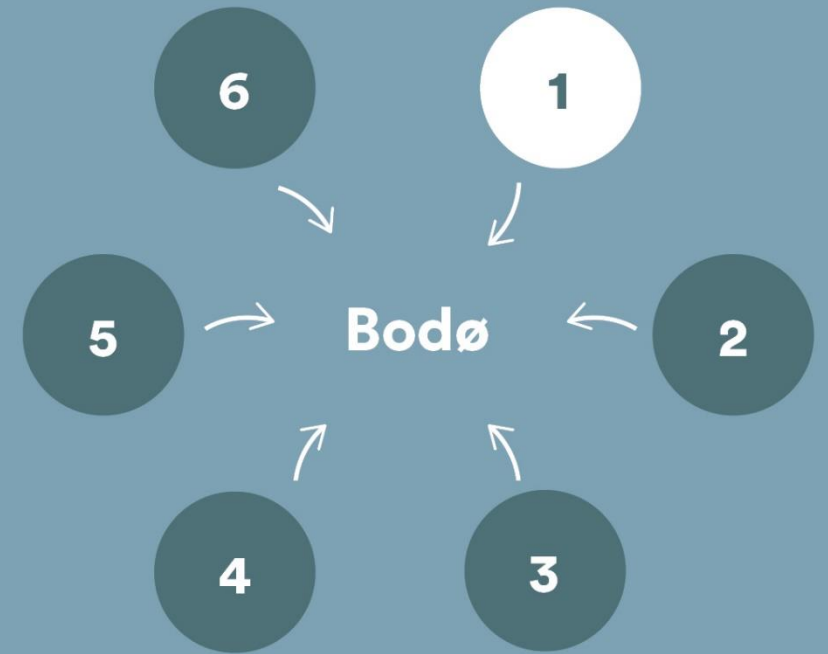
**Årstidenes by**



**Mobilitet**

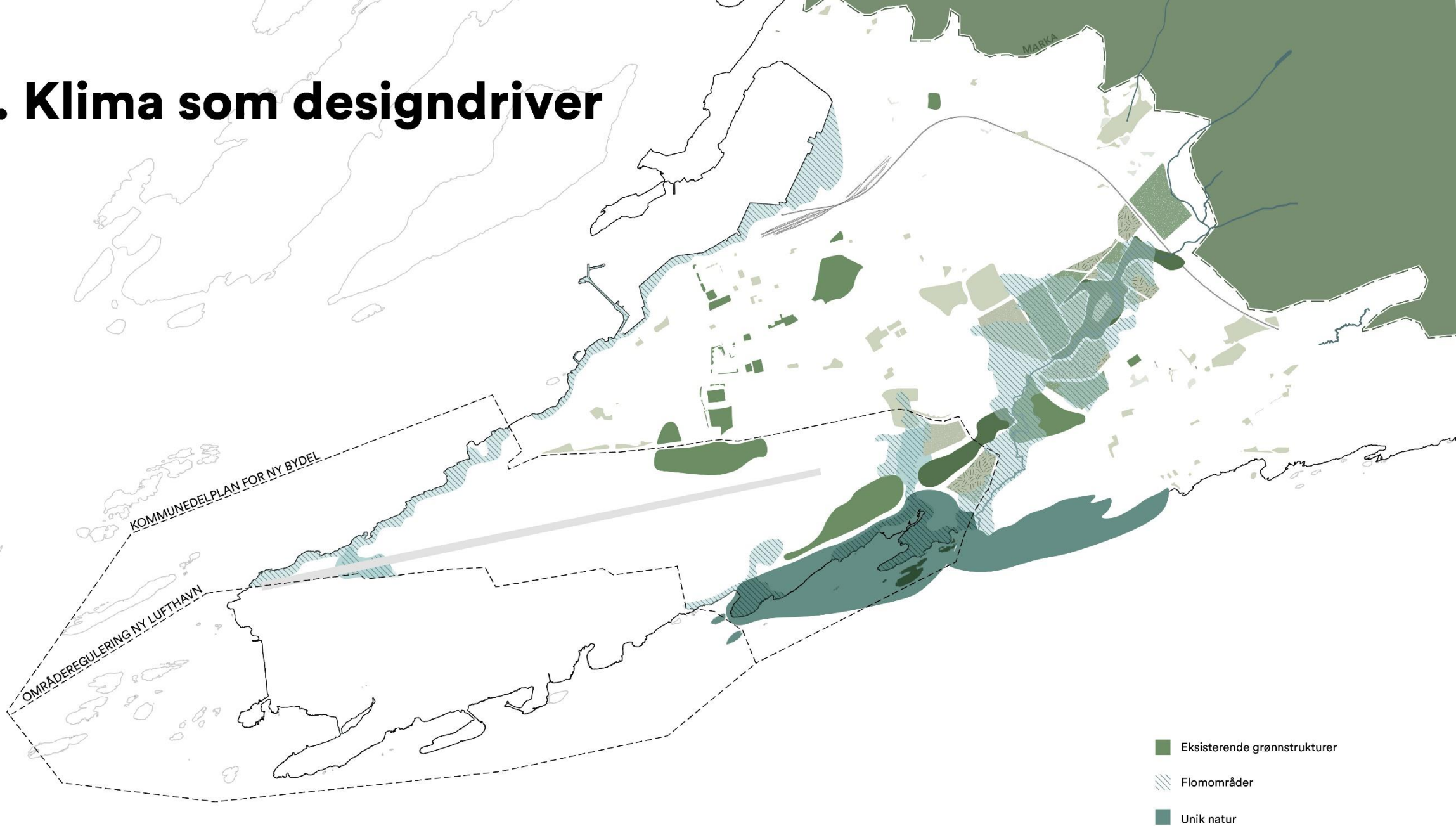


**Kulturverdier**



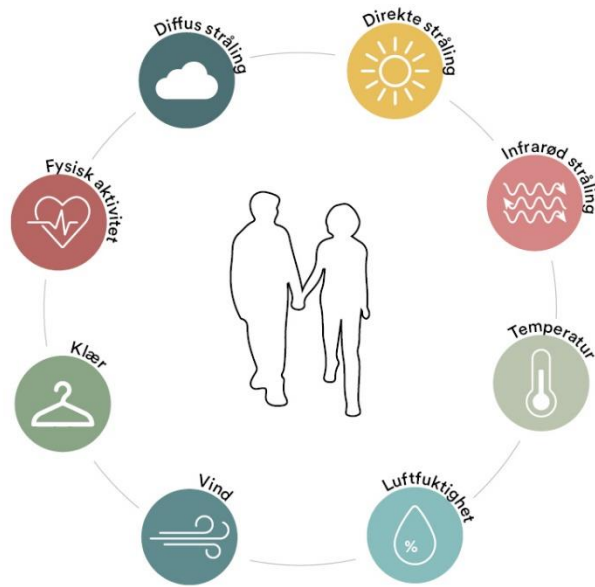
# 1. KLIMA- FORUTSETNINGER

# 1. Klima som designdriver

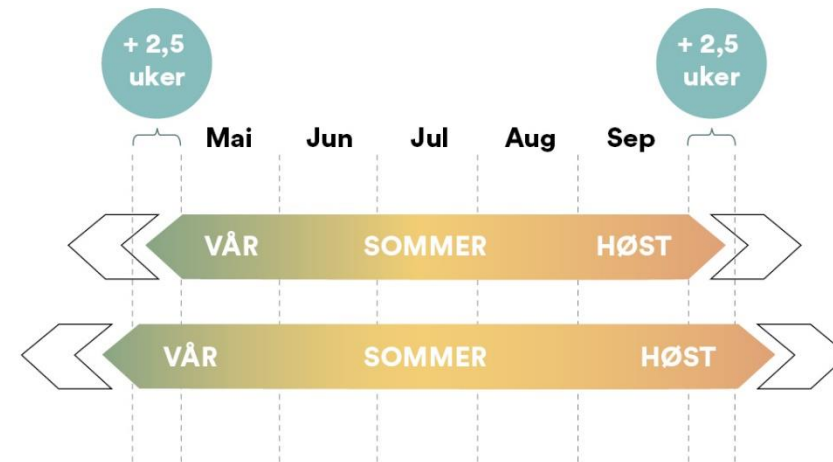


# MIKROKLIMA

## Forbedre sommeren og omfavne vinteren



Mennesket i sentrum



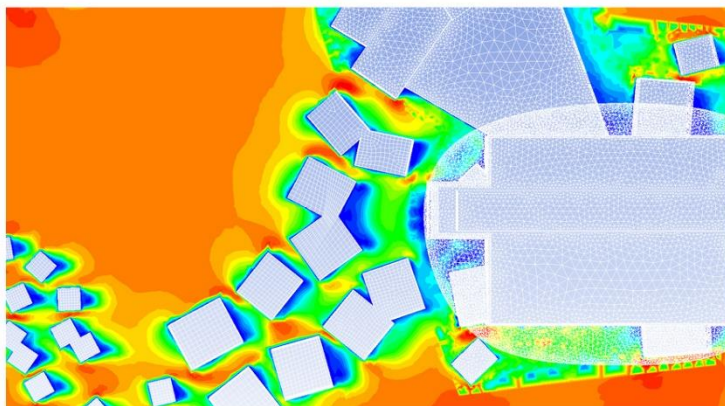
Utvidet utendørs bruk

# MIKROKLIMA: En verktøykasse for Bodø



## VIND

Beskytt og dra nytte av den ekstreme østavinden



## LYS

Feire de forskjellige lysforholdene gjennom året



## DIREKTE EKSPONERING

Maksimere soleksposeringen i offentlige rom



## VANNSYKLUS

Gi plass til været (regn, snø, flom, tidevann)



## TERMISK MASSE

Arbeide med materialer for å forbedre utendørs komfort



## MELLOMROMMENE

Design halve uterom for å feire vintermånedene



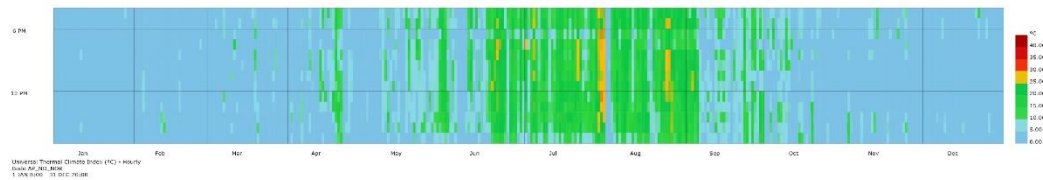


# MIKROKLIMA

## Nøkkelen til en aktiv og attraktiv bydel

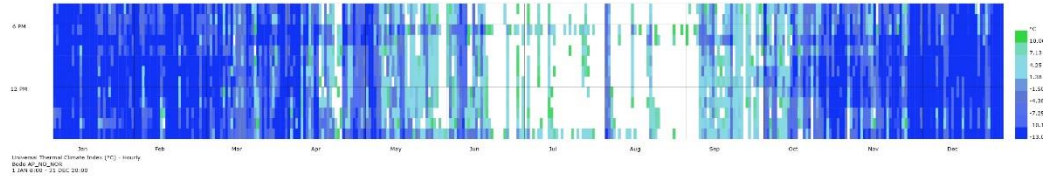
### UTCI for BODØ\_

#### Outdoor thermal comfort analysis



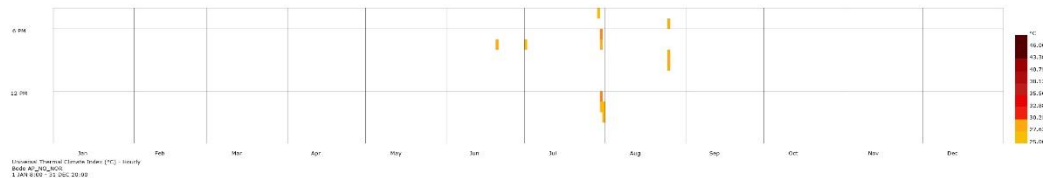
Percentage of time feeling comfortable: 22%,  
Comfortable conditions (no thermal stress) is when the UTCI is between 9 - 26 degrees Celsius.

#### Feeling to cold



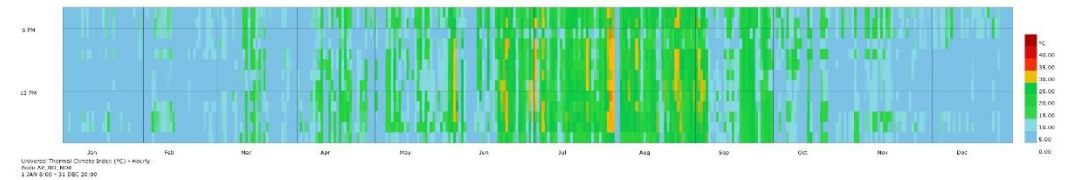
Percentage of time feeling to cold: 78%,  
Percentage of time with slightly cold stress (UTCI temp. between 0 - 9 degrees Celsius) : 19%,  
Percentage of time with moderate cold stress (UTCI temp. between 0 - -13 degrees Celsius) : 31%.

#### Feeling to warm



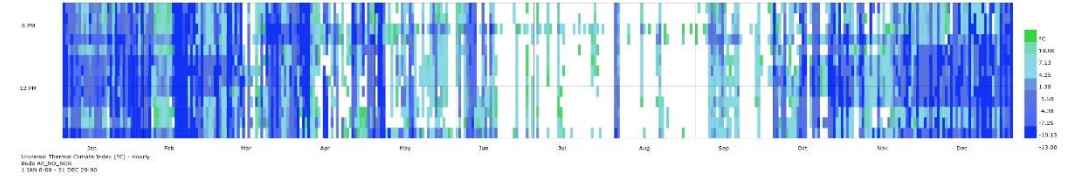
### UTCI for BODØ\_reduced wind from east (68-122 degrees)

#### Outdoor thermal comfort analysis



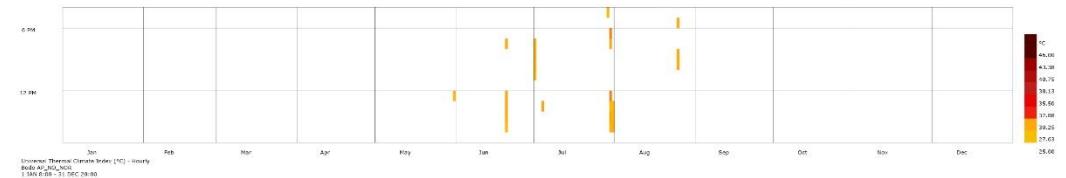
Percentage of time feeling comfortable: 30%,  
Comfortable conditions (no thermal stress) is when the UTCI is between 9 - 26 degrees Celsius.

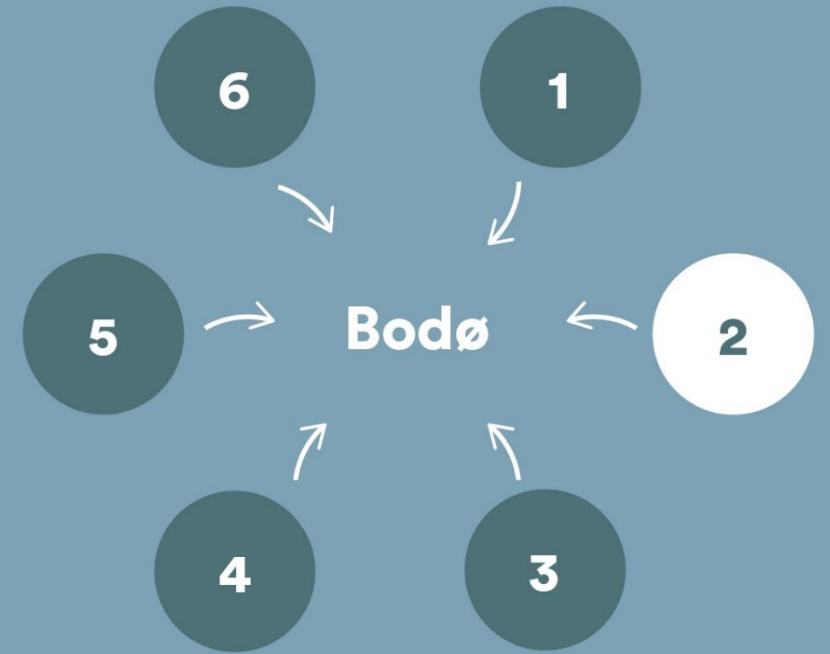
#### Feeling to cold



Percentage of time feeling to cold: 70%,  
Percentage of time with slightly cold stress (UTCI temp. between 0 - 9 degrees Celsius) : 25%,  
Percentage of time with moderate cold stress (UTCI temp. between 0 - -13 degrees Celsius) : 31%.

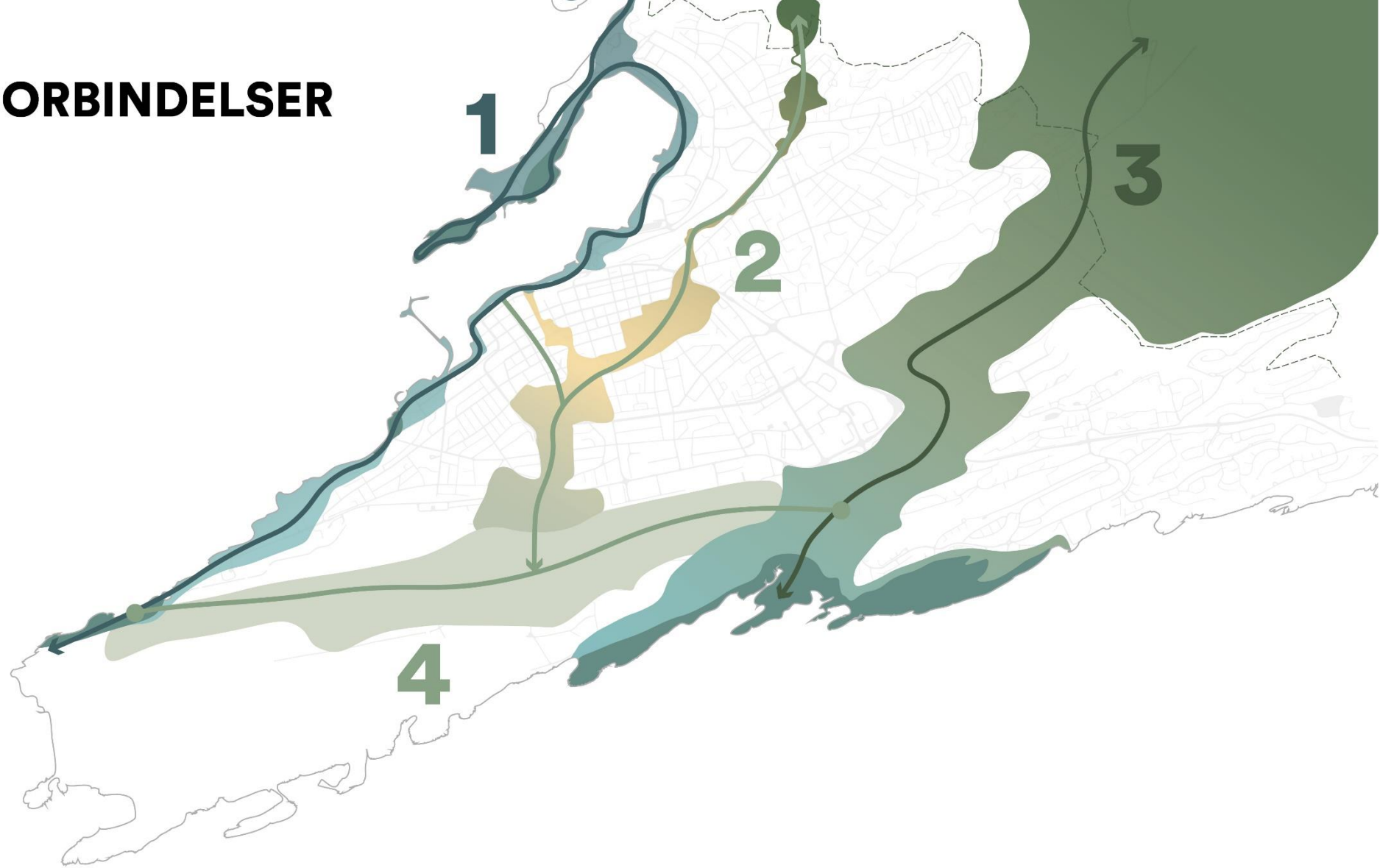
#### Feeling to warm





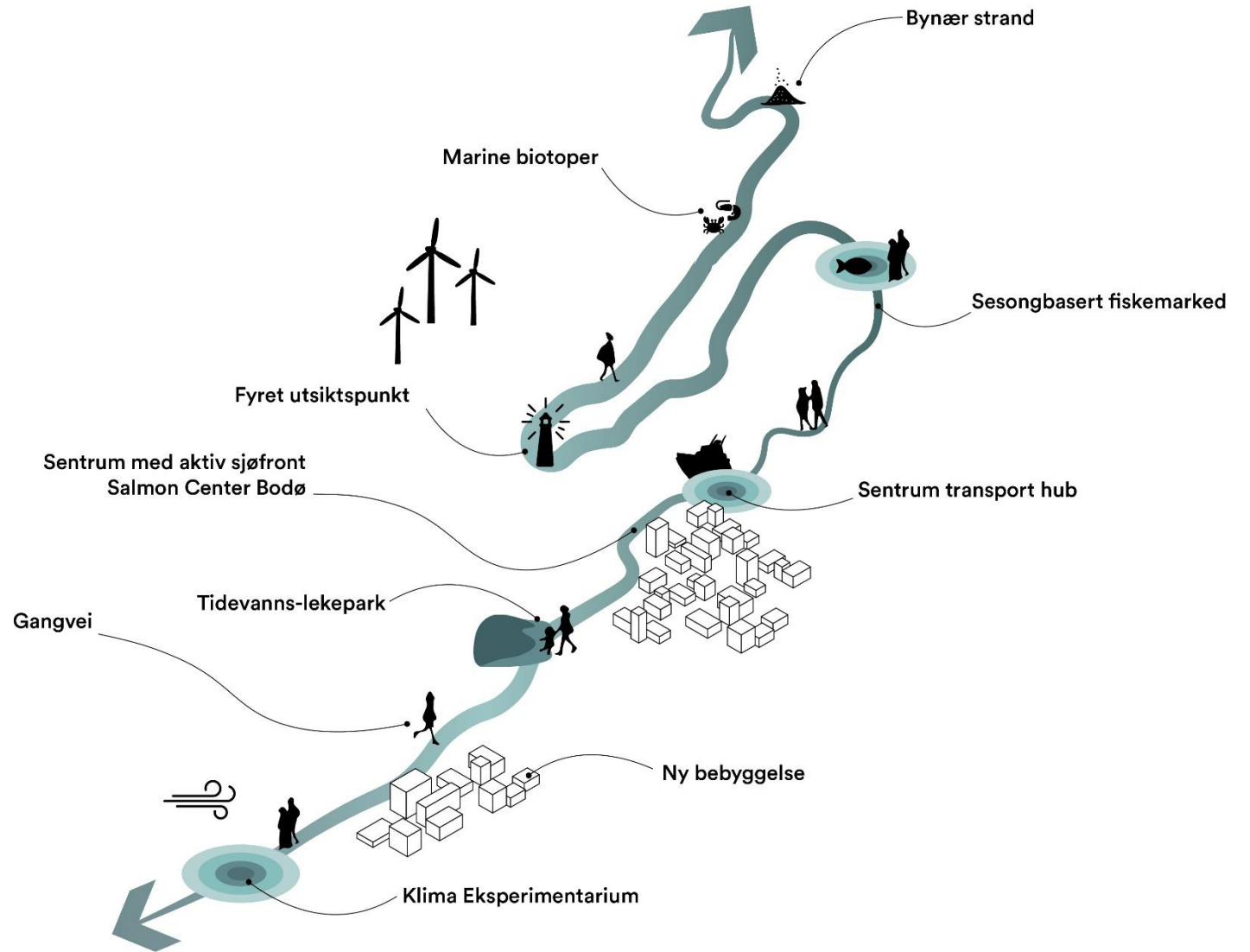
## 2. LANDSKAP- OG NATURVERDIER

# LANDSKAPSFORBINDELSER

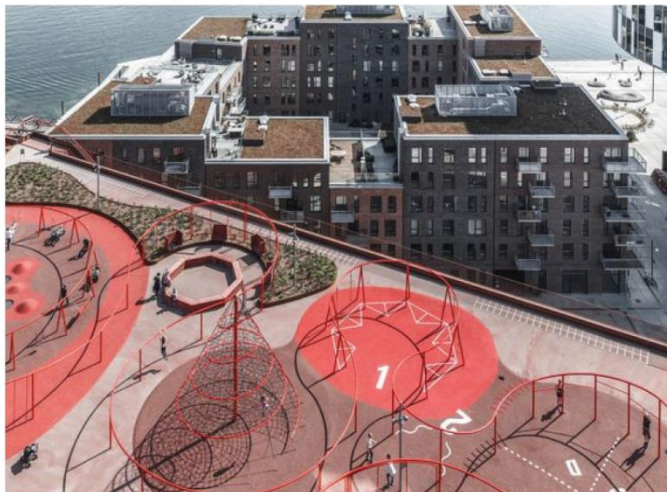
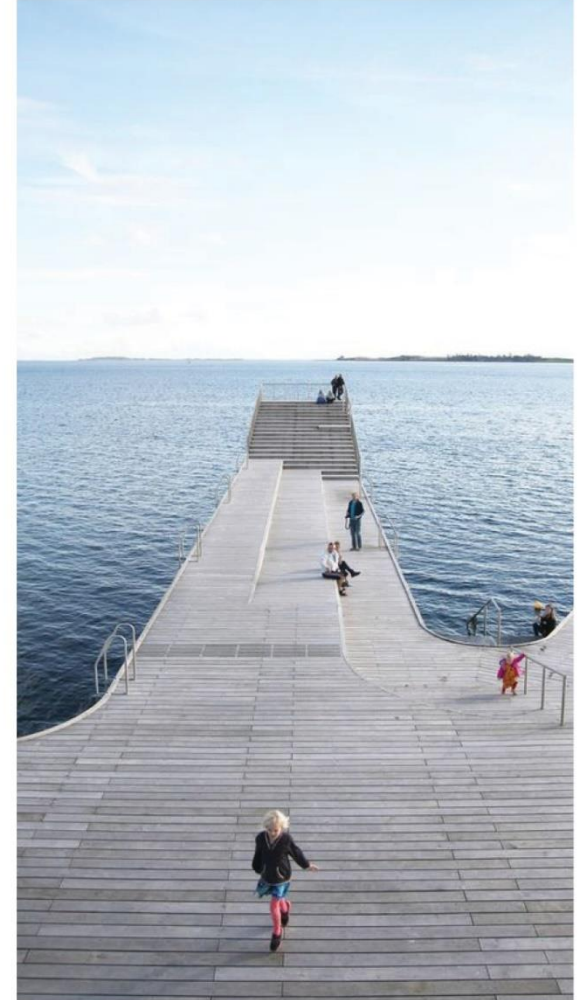


# 1

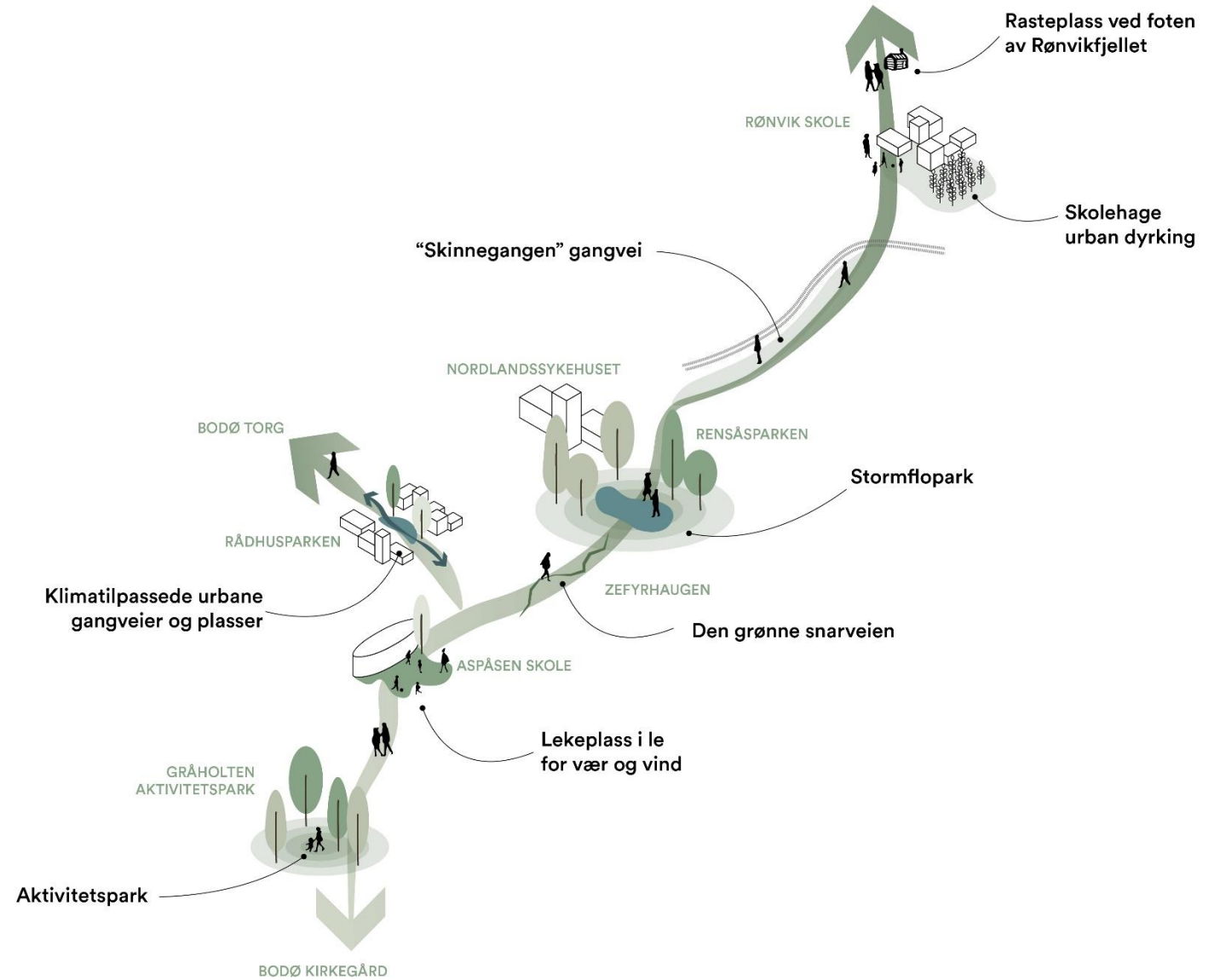
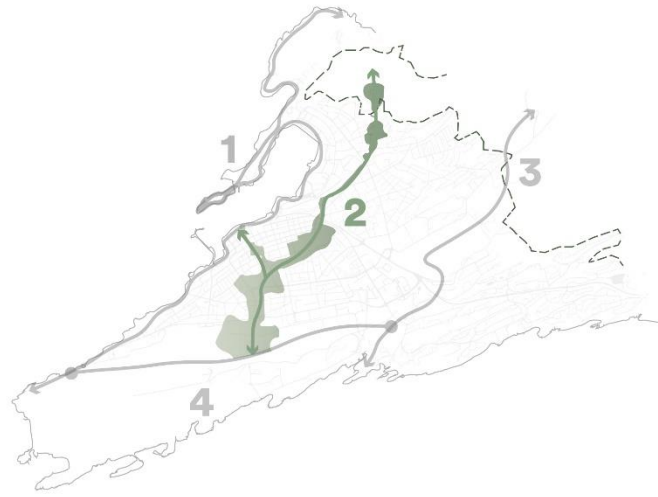
## BRYGGELANGS



# 1 BRYGGELANGS



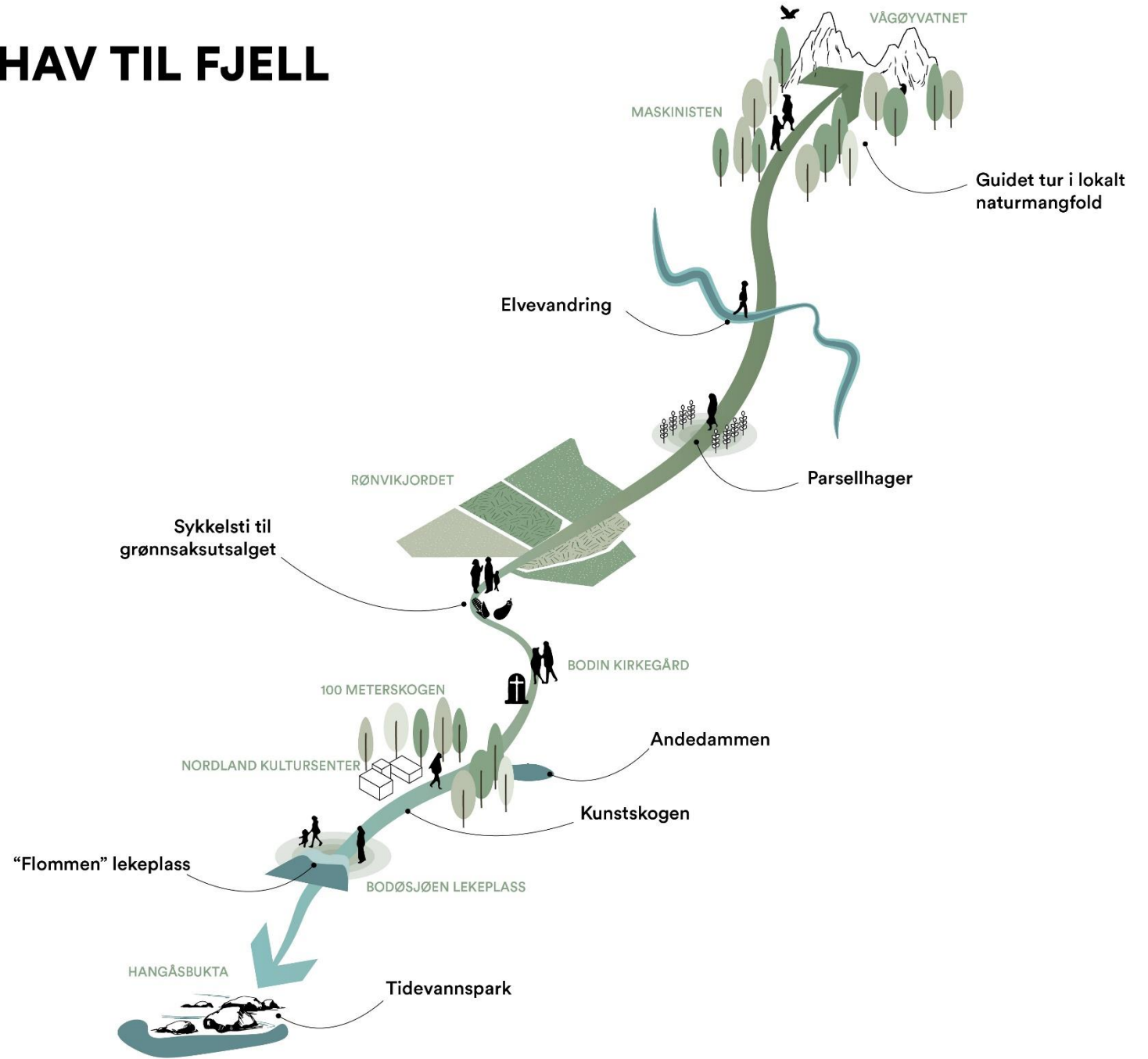
# 2 DEN GRØNNE SNARVEIEN



## 2 DEN GRØNNE SNARVEIEN



# 3 PÅ OPPDAGELSE FRA HAV TIL FJELL

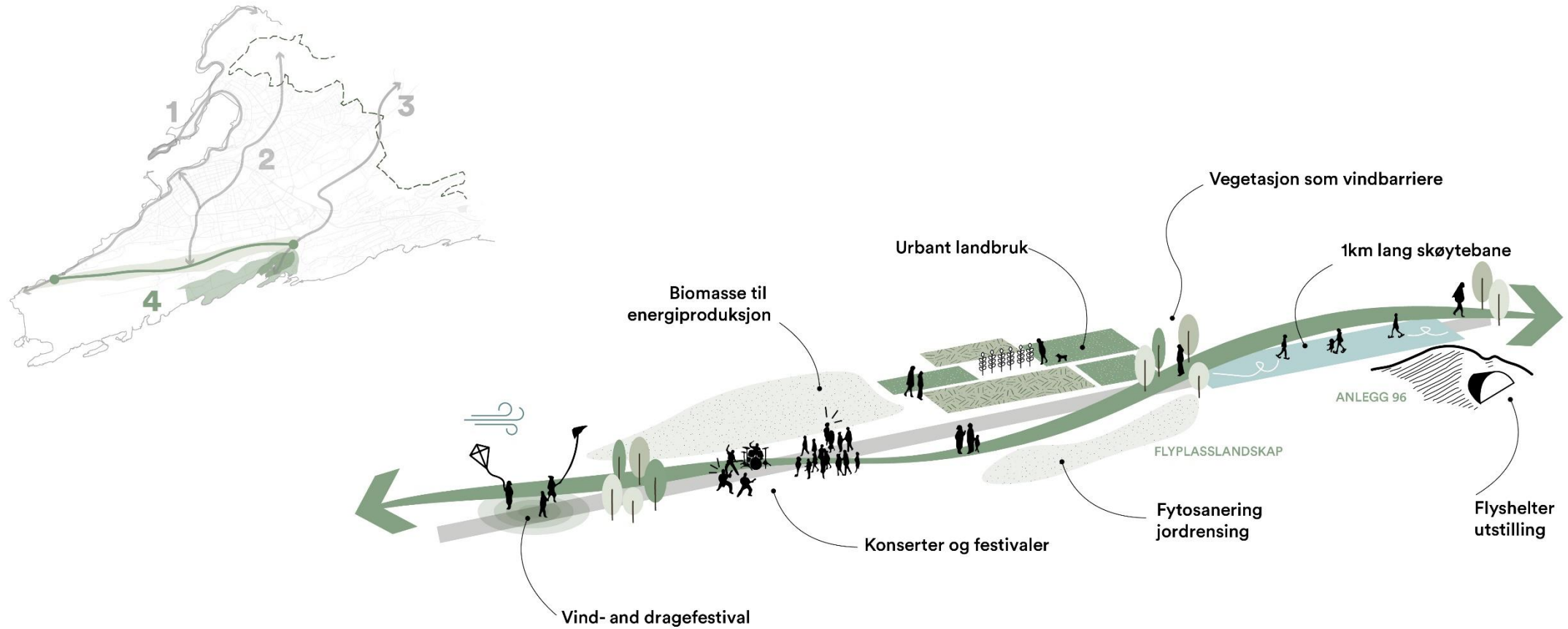




# 3 PÅ OPPDAGELSE FRA HAV TIL FJELL

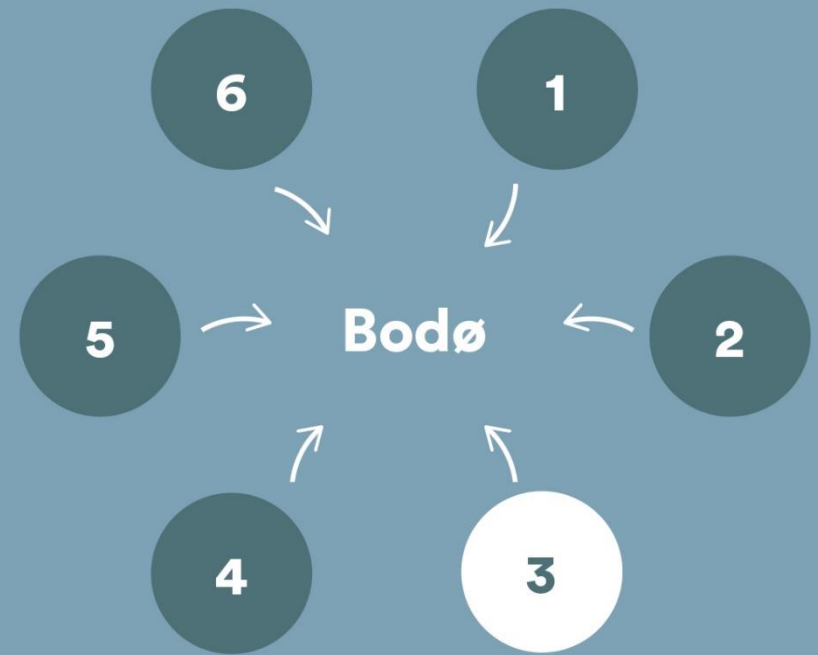


# 4 NÅR FLYET HAR FORLATT BANEN



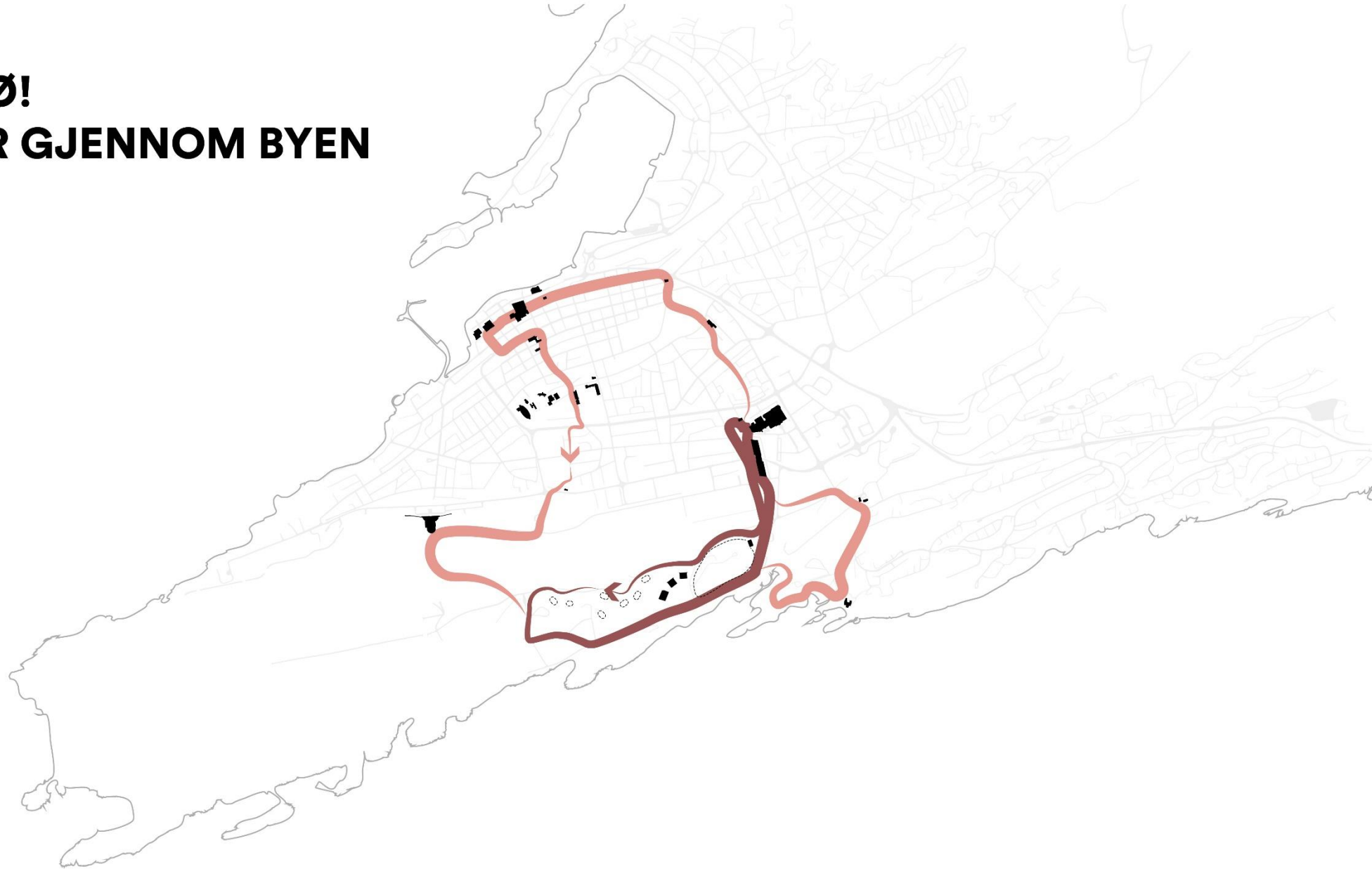
# 4 NÅR FLYET HAR FORLATT BANEN



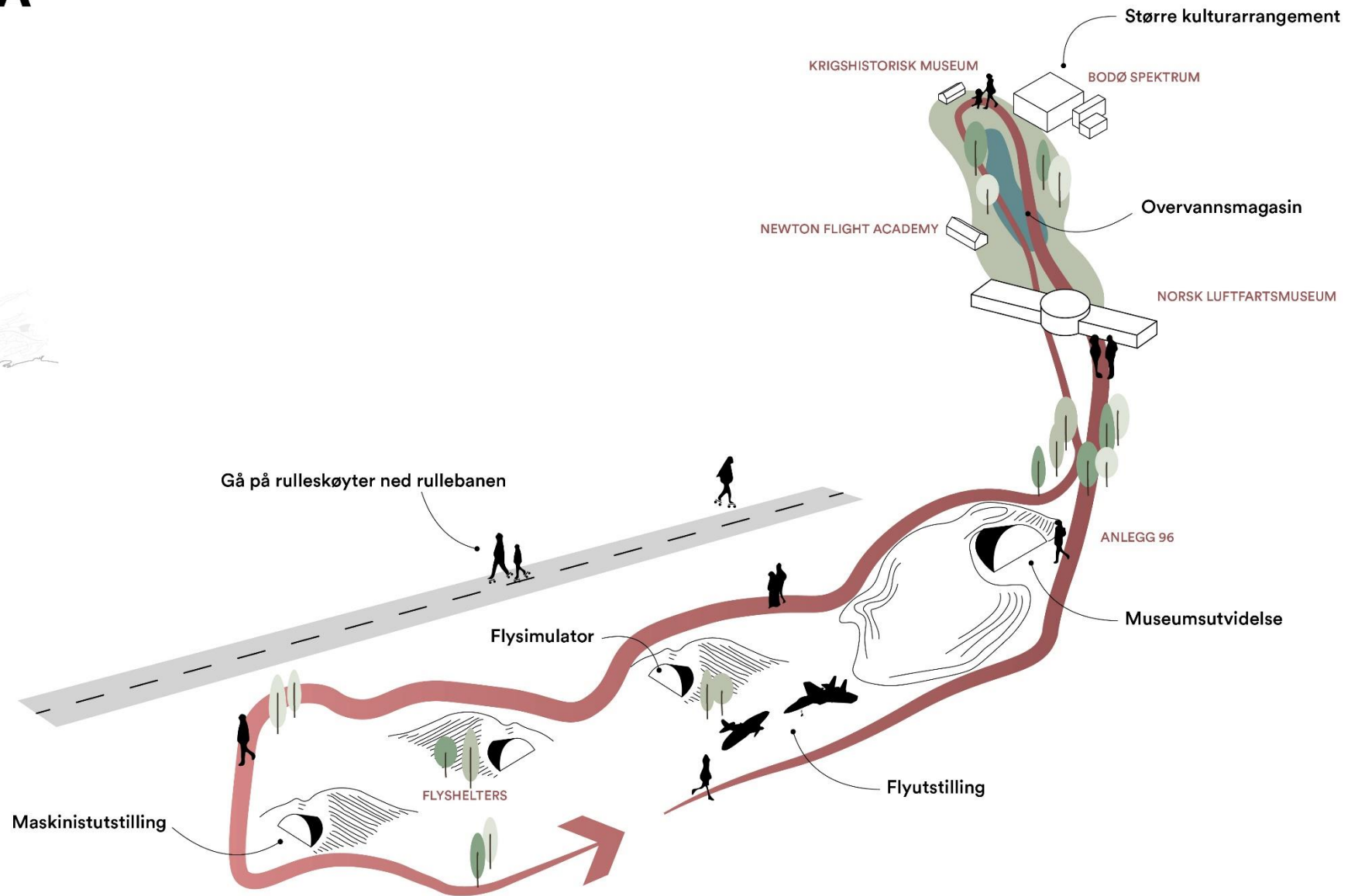


# 3. KULTURVERDIER

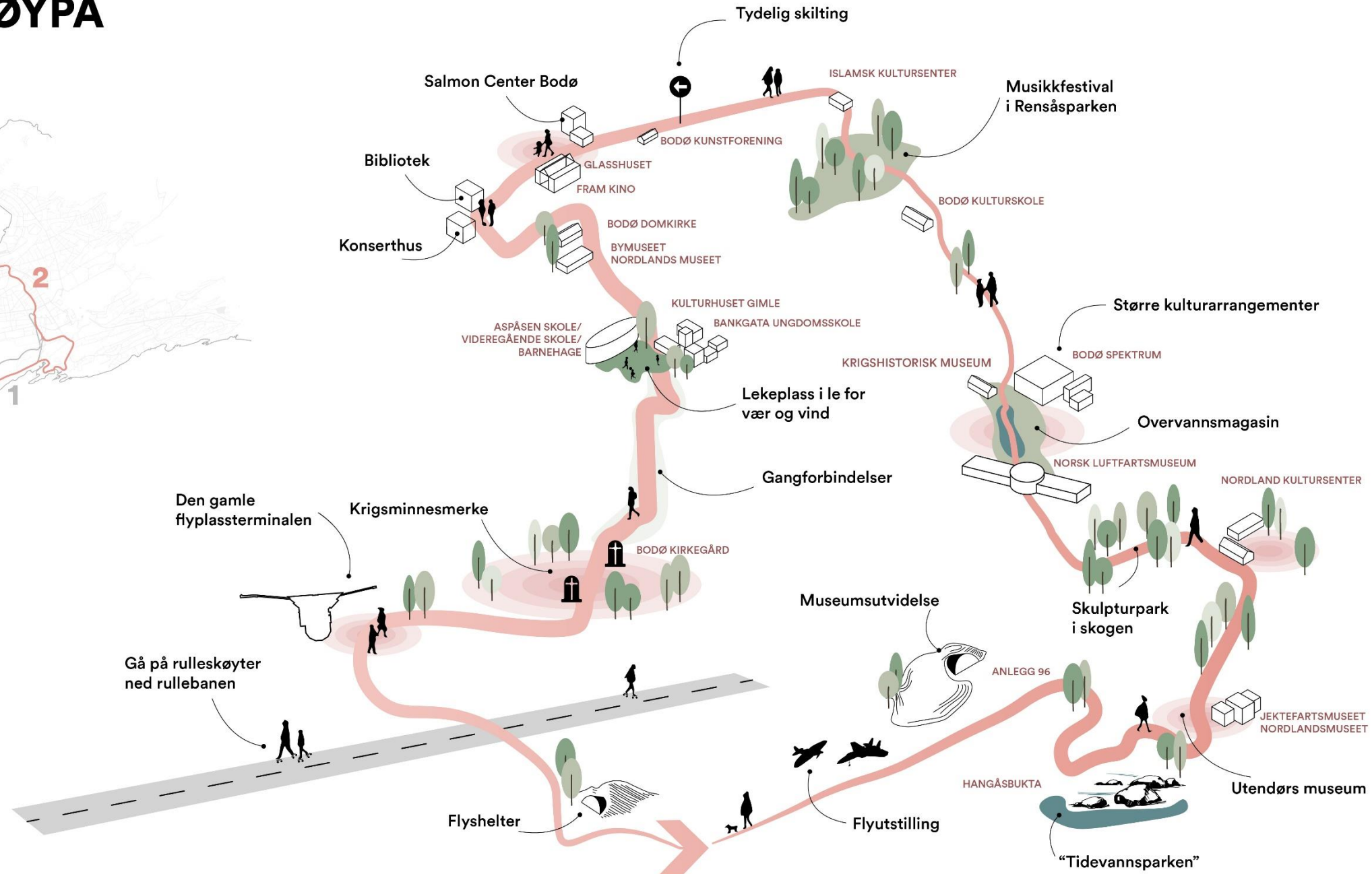
# UTFORSK BODØ! KULTURLØYPER GJENNOM BYEN

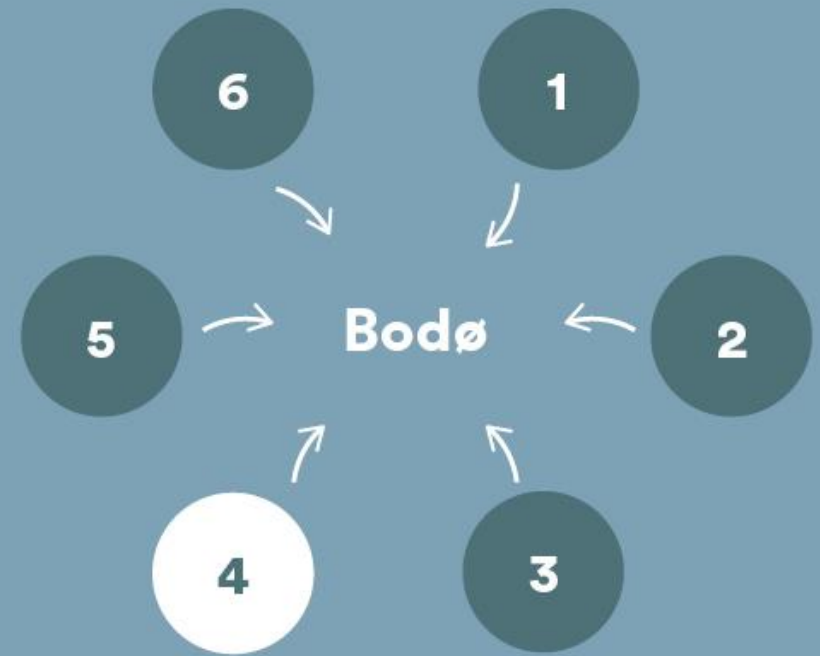


# 1 FLYSTASJONSLØYPA



# 2 KULTURLØYPA



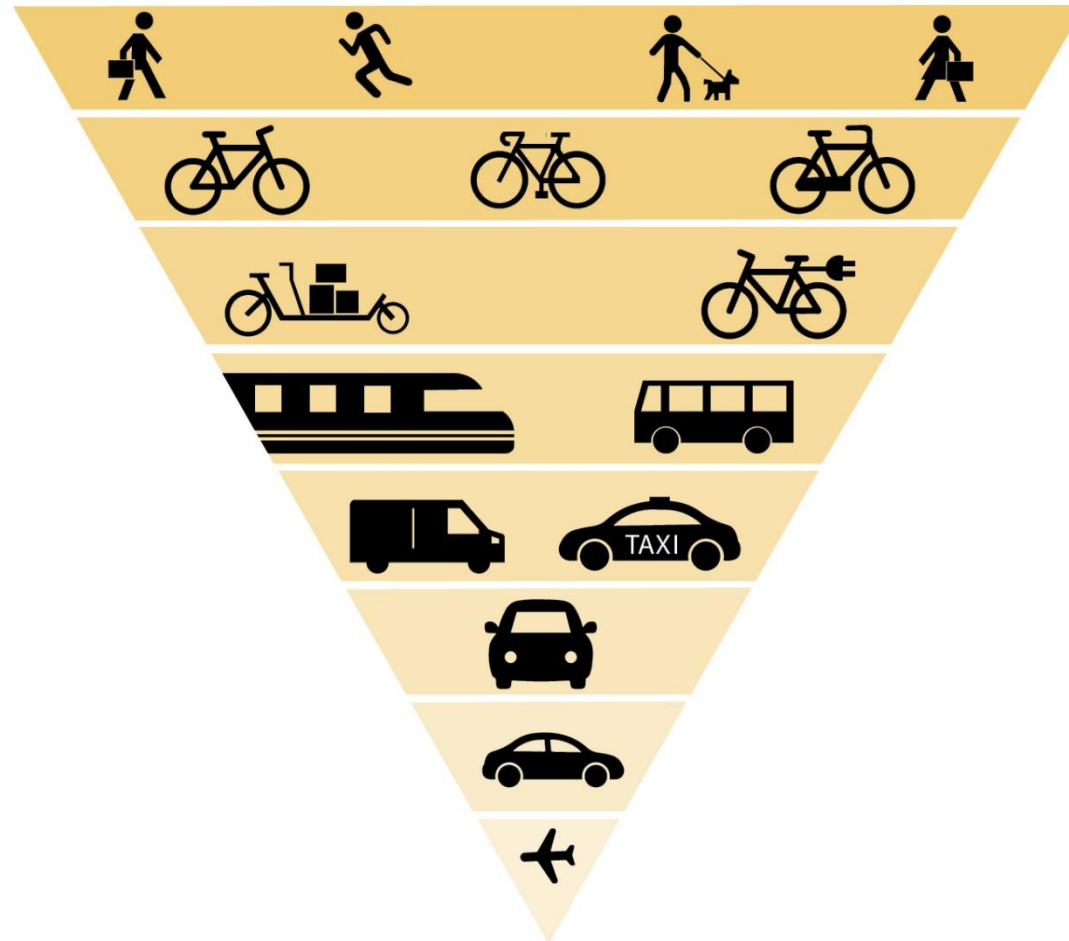


# 4. MOBILITET



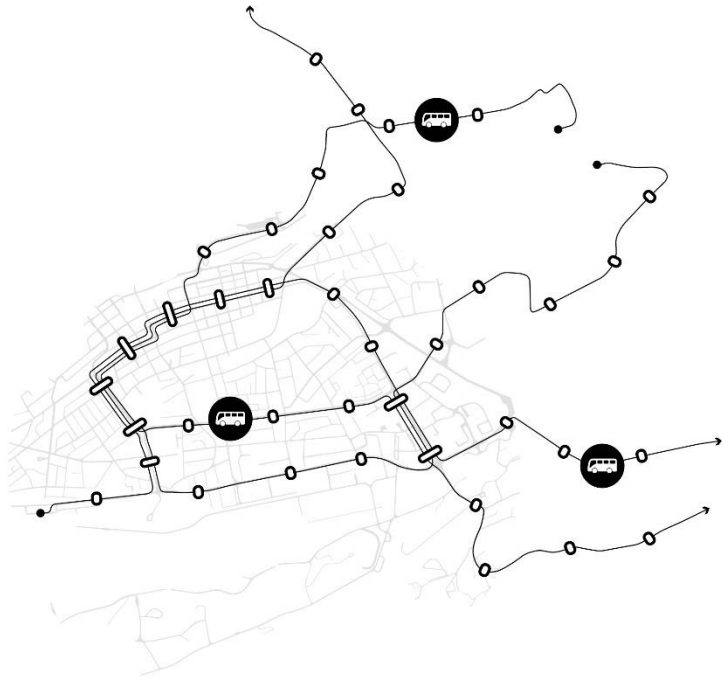
# Mobilitet

## Transportpyramide

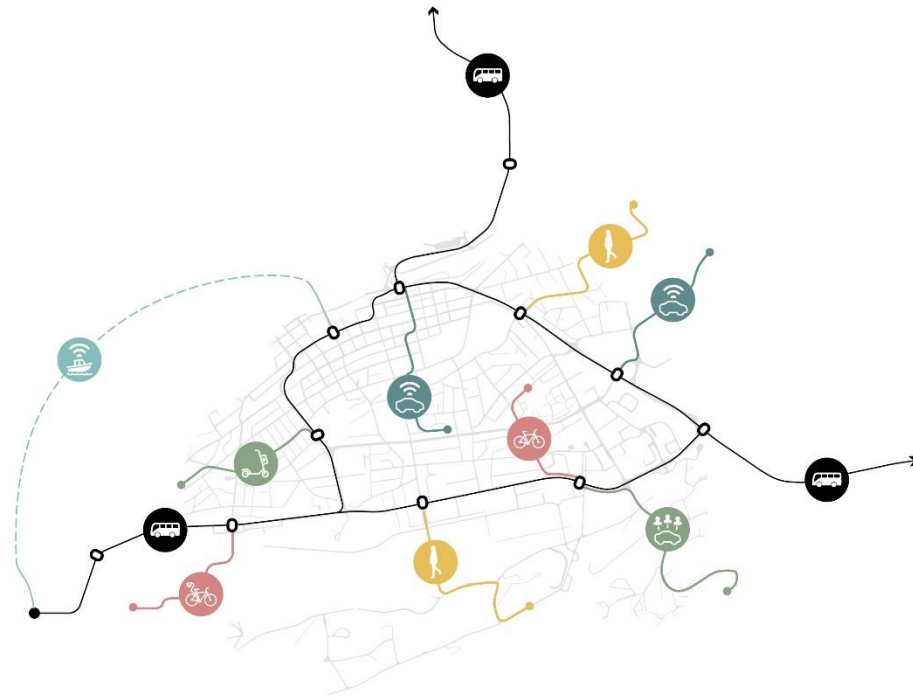


# Mobilitet

I dag



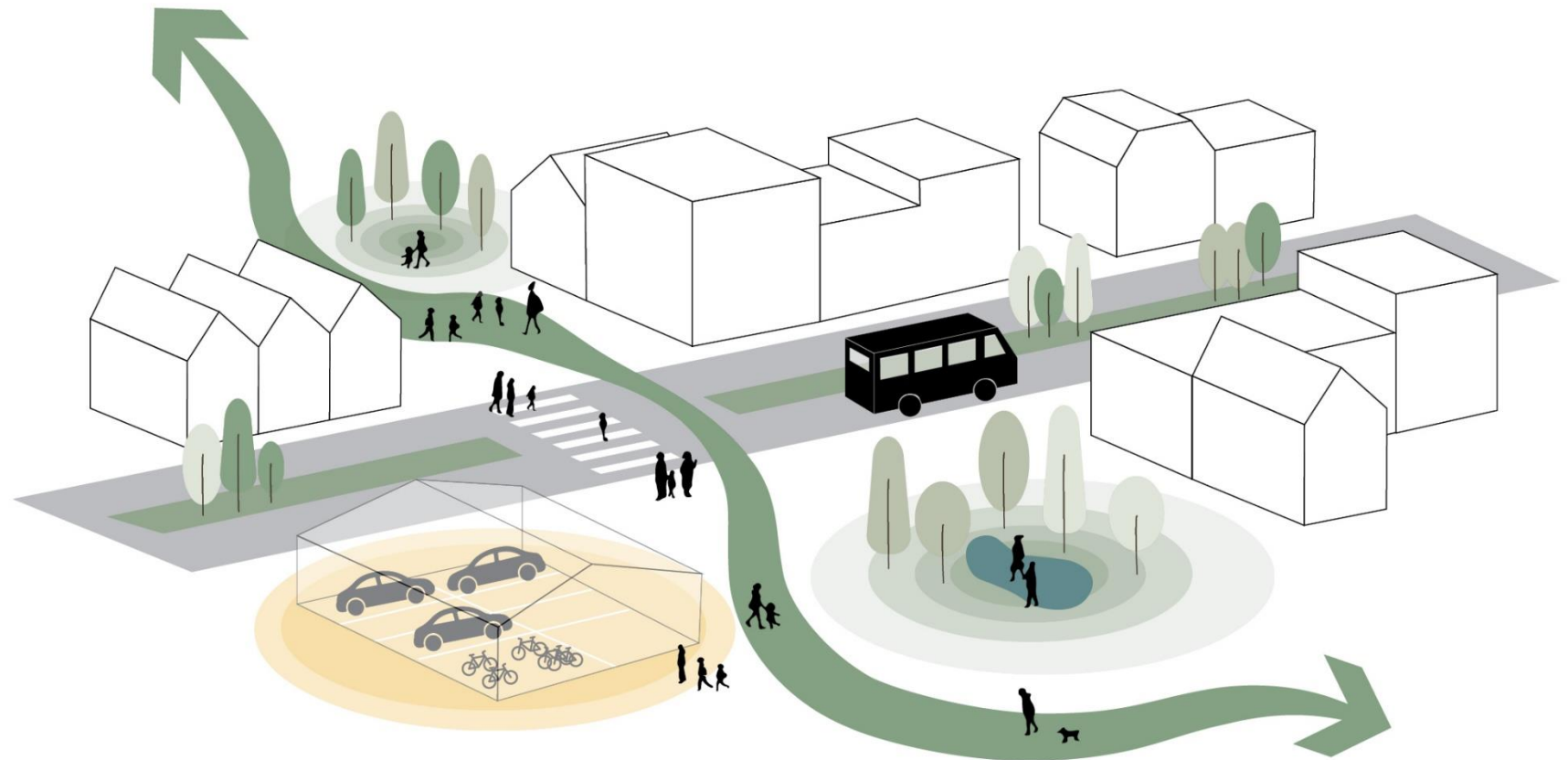
I fremtiden



# Overordnet mobilitetskonsept

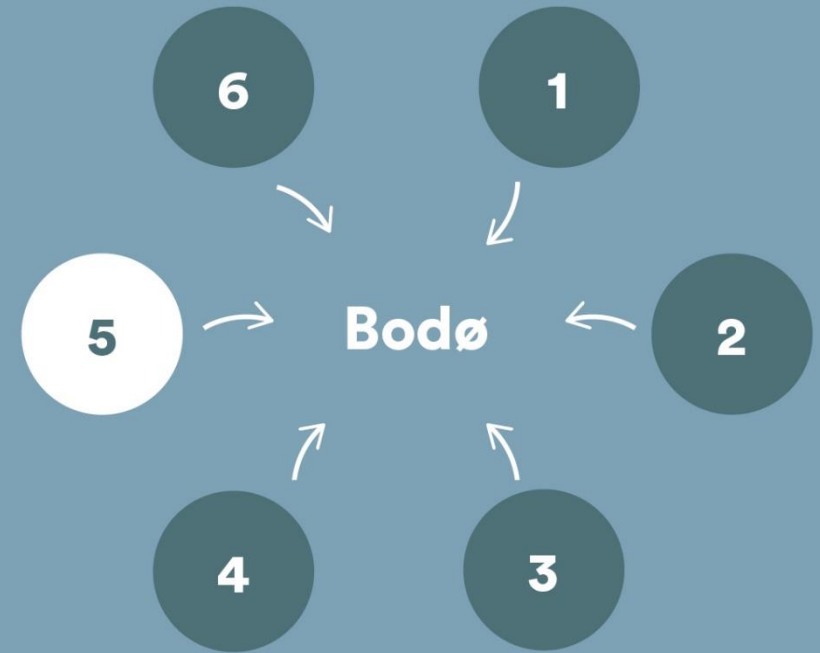


# Mobilitet



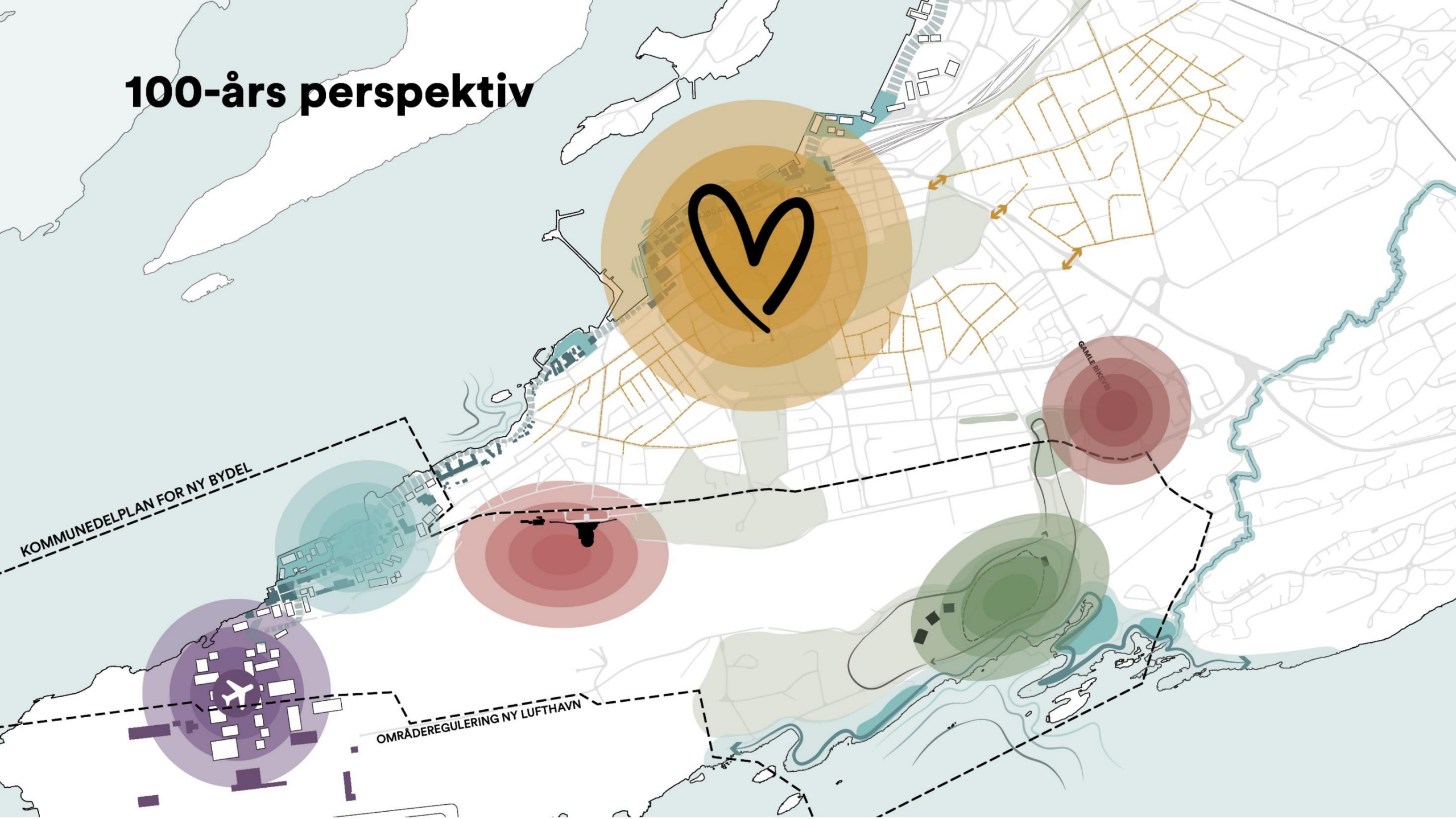
# Mobilitet



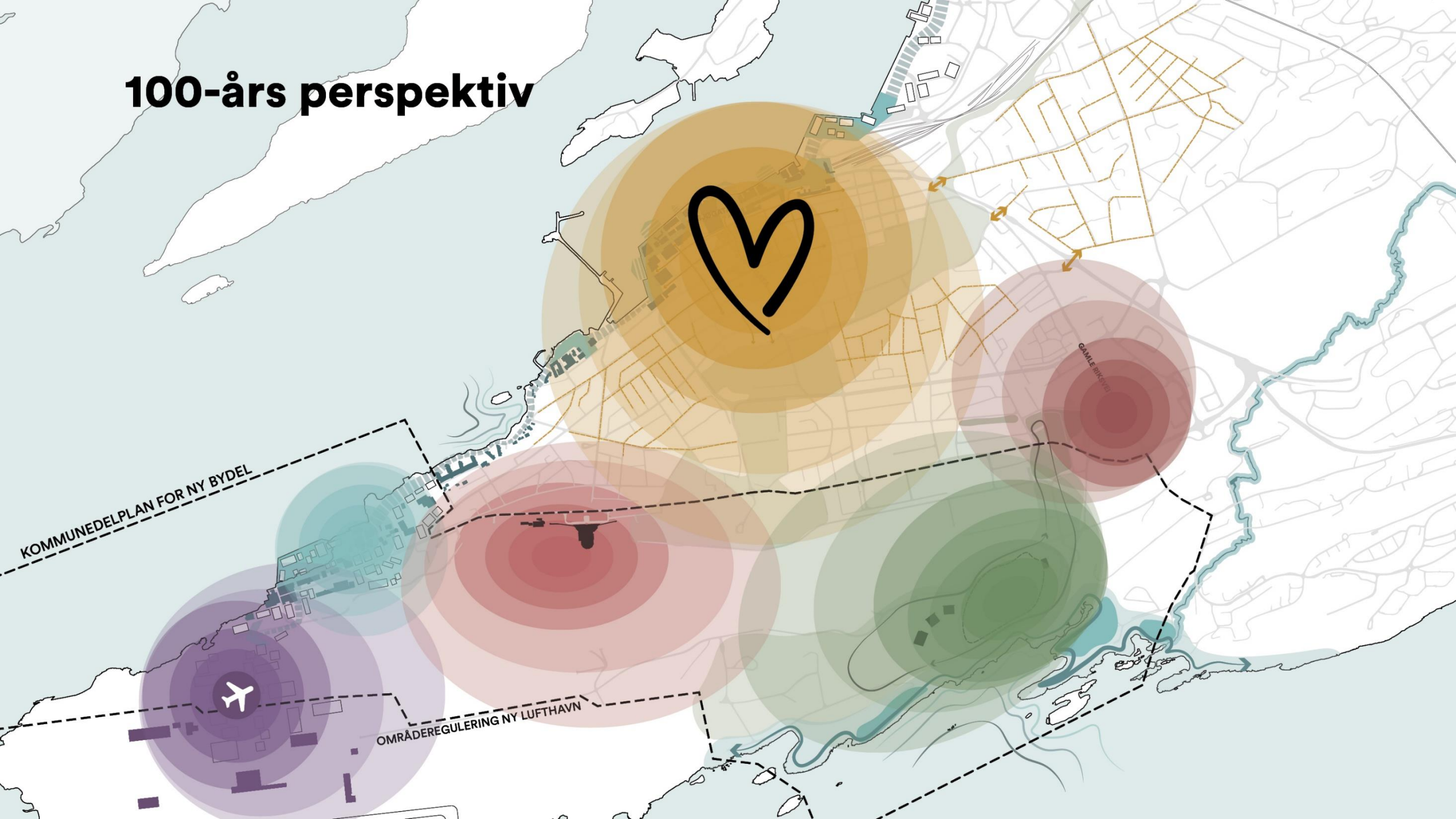


# 5. 100-ÅRS PERSPEKTIV

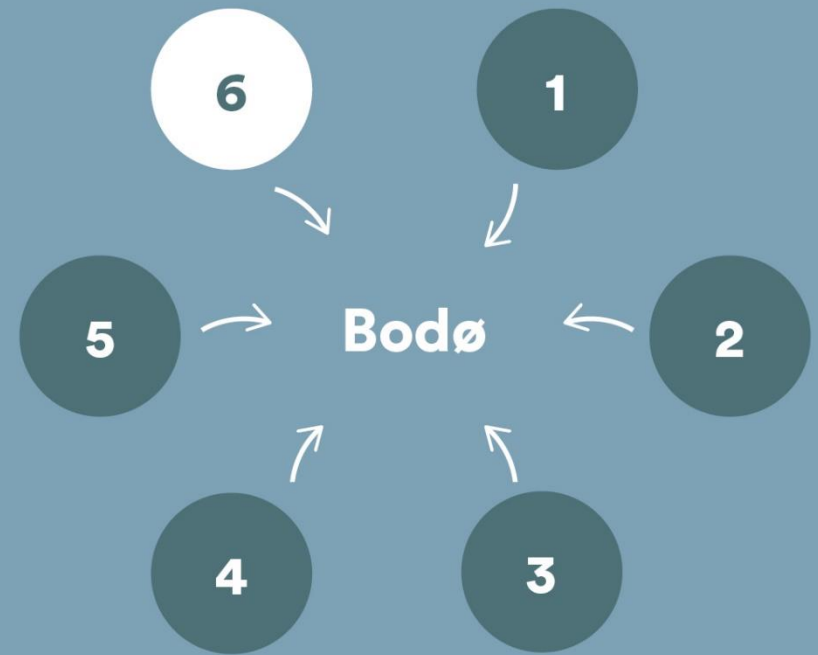
# 100-års perspektiv



# 100-års perspektiv



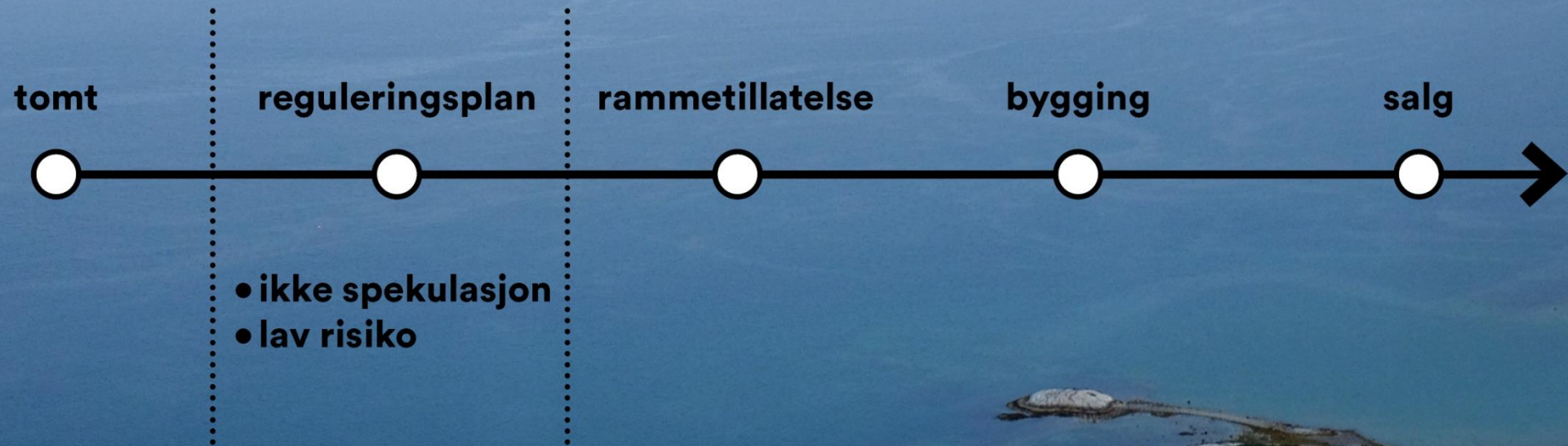




# 6. DRIVERE I BYUTVIDElsen

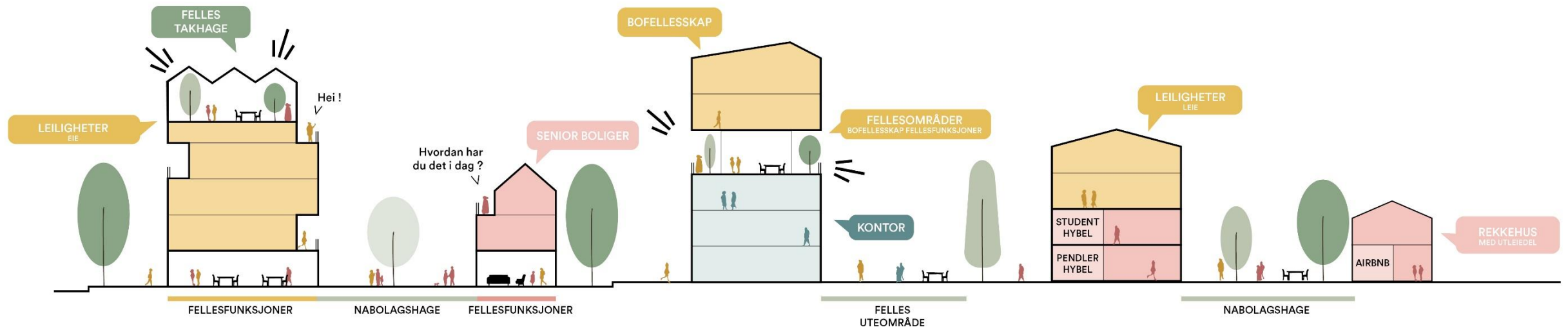
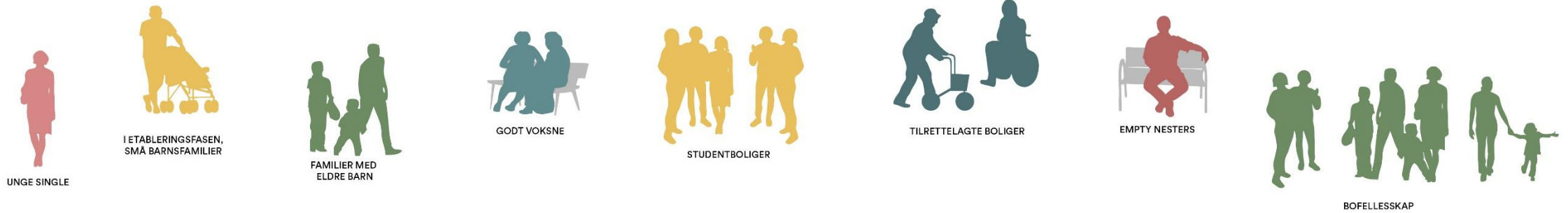
# Eiendomsstrategi

## Offentlig eiendomsutvikling



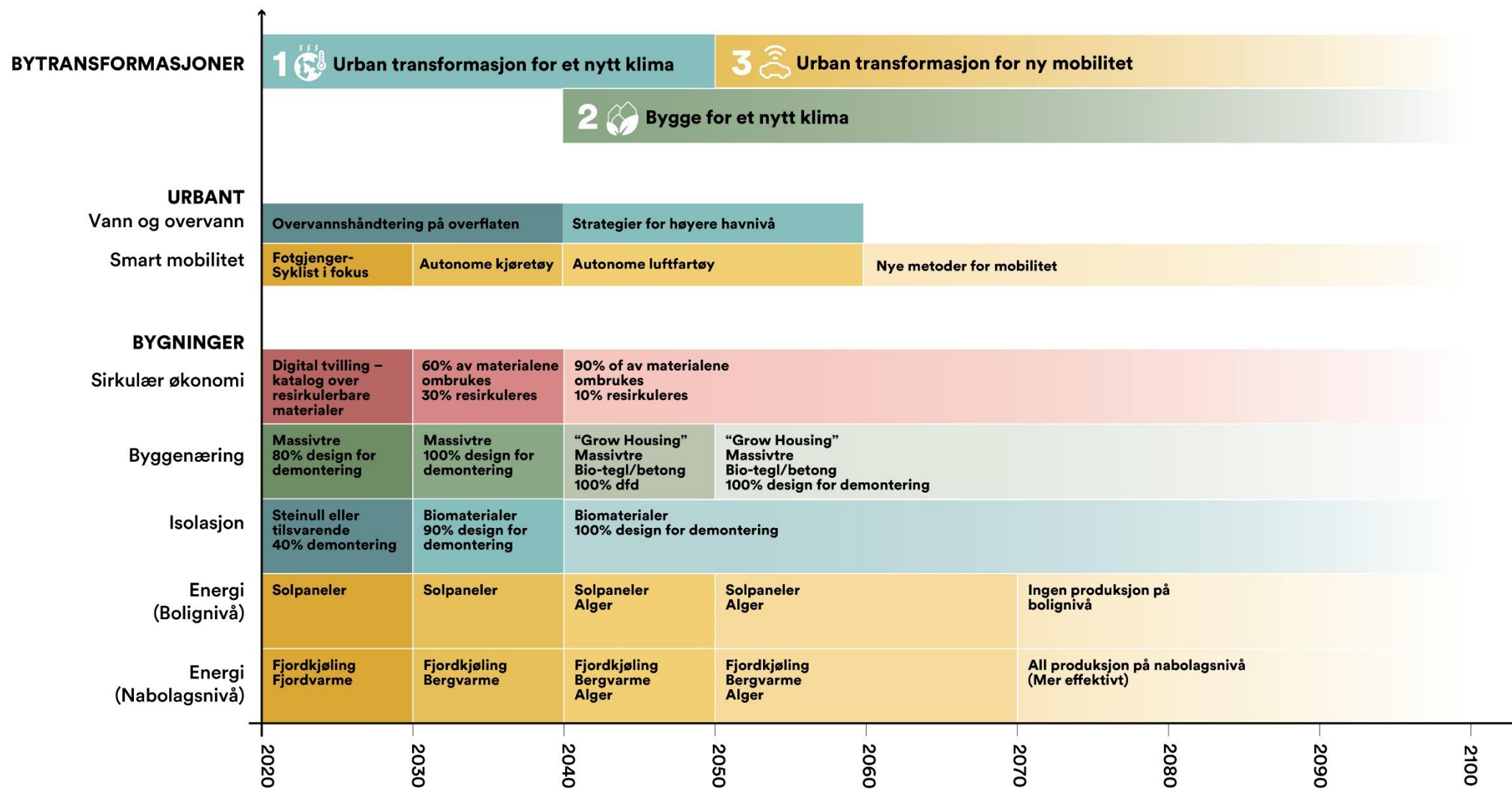
# Boliger

## Ulike behov - varierte boligtyper



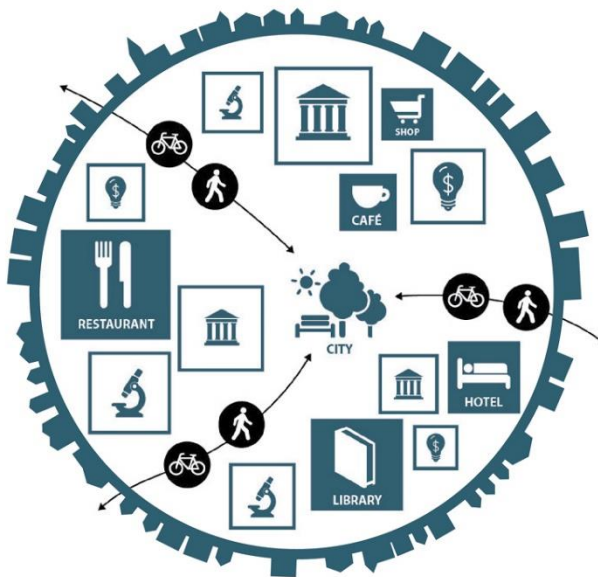
# FME ZEN

## Hvordan bygge en netto 0-by: Tidslinje for mulig utvikling



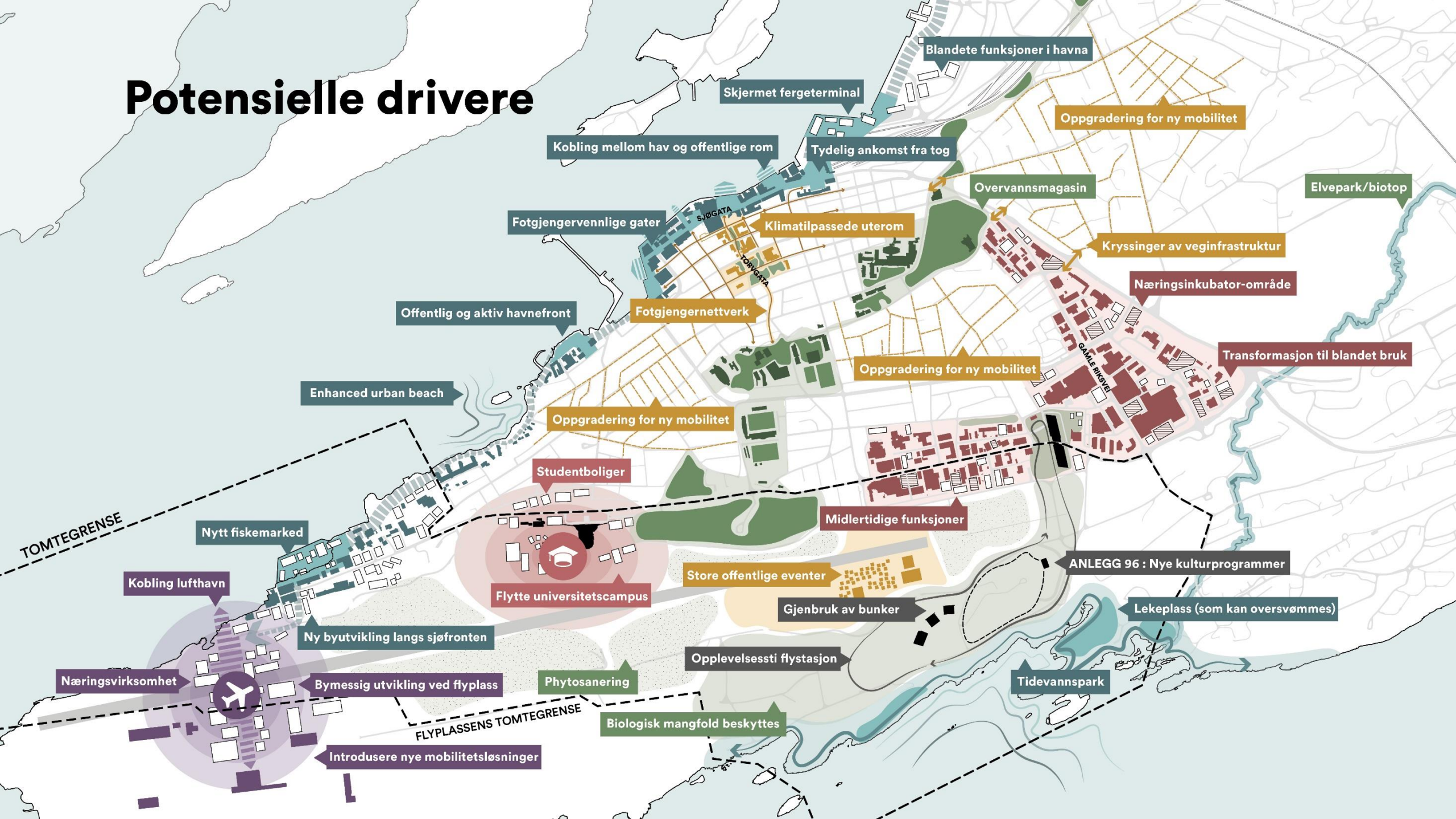
# 100-års perspektiv

## Eksempel på potensial



**Bodø som universitetscampus**

# Potensielle drivere



**Hva om utviklingen av den nye bydelen styrker eksisterende by?**

**Hva om turister som kommer til regionen vil bruke flere dager på å besøke Bodø?**

**Hva om Bodø blir en ny destinasjon, basert på økoturisme og en gjennomført og visjonær klimatilpasning?**

**Hva om Bodø utvikler et nytt universitetscampus tilknyttet en innovasjonsinkubator?**

