

Coastal protection examples from Denmark

Implementing the NbS agenda
to protect, accommodate,
retreat, or avoid

Ole Fryd

Associate Professor

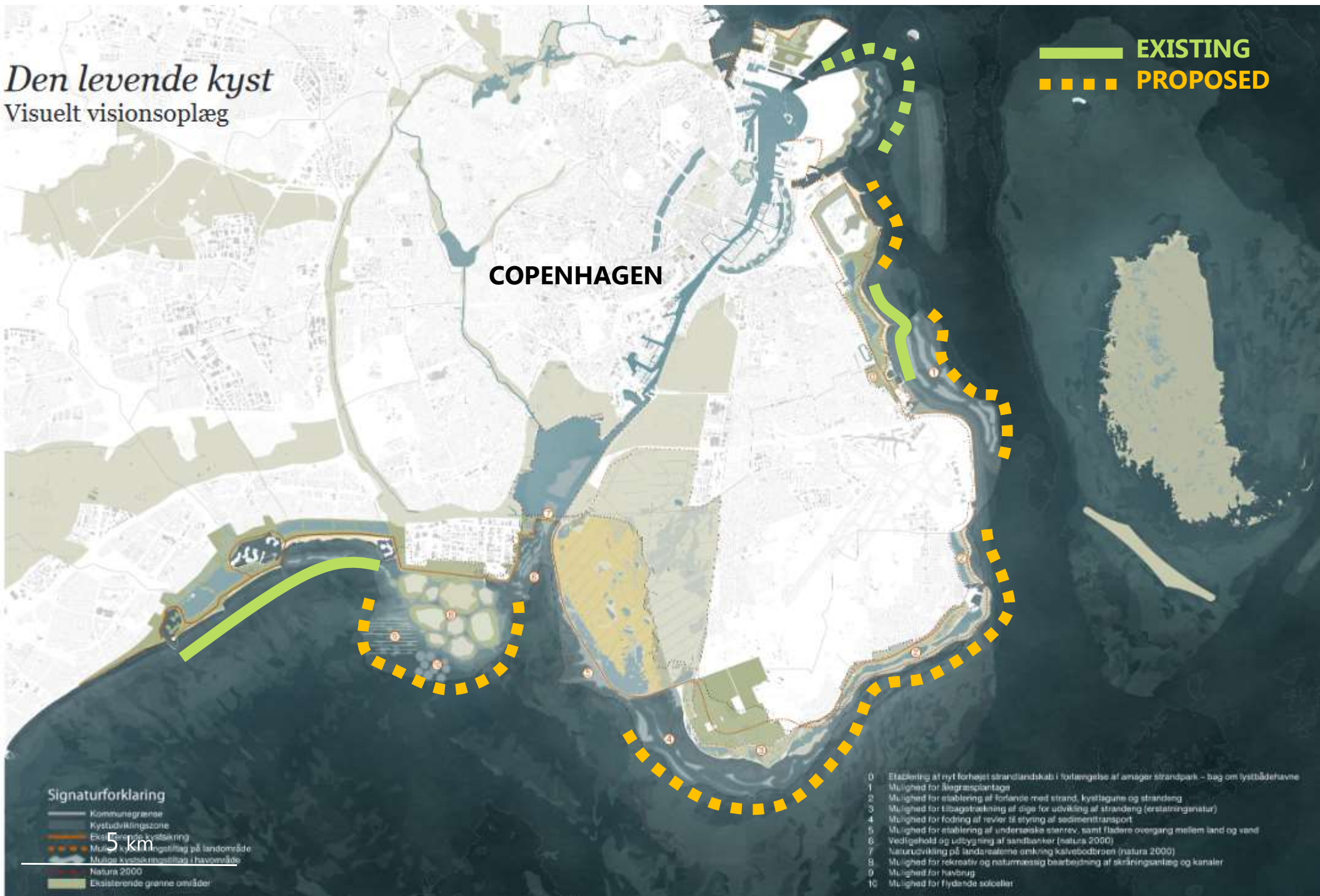
Landscape Architecture and Planning

GCA, Groningen
23 June 2022

UNIVERSITY OF COPENHAGEN



Den levende kyst
 Visuelt visionsoplæg



Schonherr (2021)

<https://realdania.dk/-/media/realdaniadk/nyheder/2021/11/visionsoplæg-juni-2021-naturbaseret-stormflodsikring-og-kystudvikling-af-hovedstadsområdet.pdf>



Schonherr (2021)

<https://realdania.dk/-/media/realdaniadk/nyheder/2021/11/visionsoplæg-juni-2021-naturbaseret-stormflodsikring-og-kystudvikling-af-hovedstadsområdet.pdf>

Koge Bay Beach Park

- Nordic welfare state flagship project
- National spatially explicit urban development law
- Legal partnership regional gov'ts & municipalities
- Board of Directors are mayors from municipalities
- Independent budget, secretariat and technical staff

—— EXISTING
- - - - PROPOSED

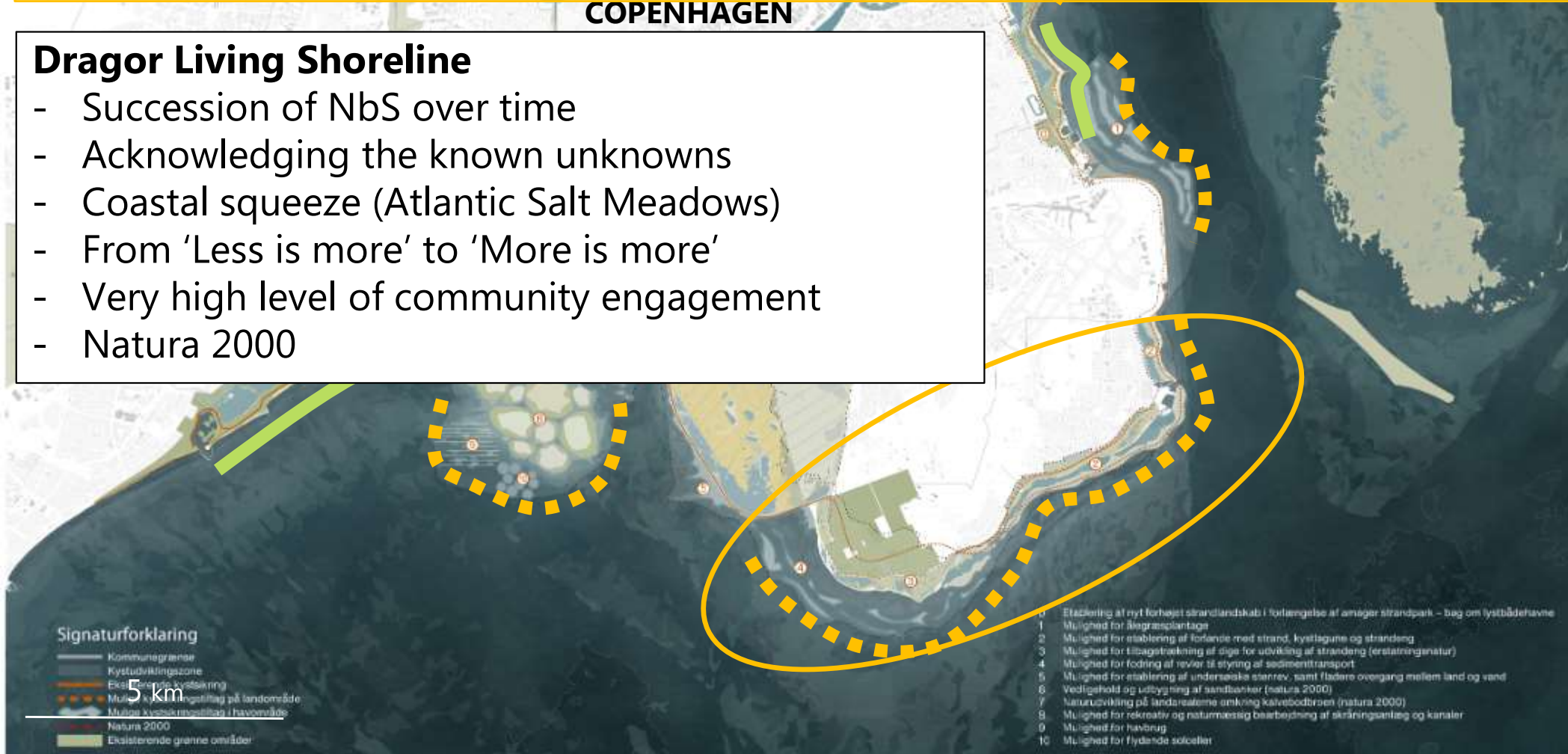




COPENHAGEN

Dragør Living Shoreline

- Succession of NbS over time
- Acknowledging the known unknowns
- Coastal squeeze (Atlantic Salt Meadows)
- From 'Less is more' to 'More is more'
- Very high level of community engagement
- Natura 2000



Schonherr (2021)

<https://realdania.dk/-/media/realdaniadk/nyheder/2021/11/visionsoplæg-juni-2021-naturbaseret-stormflodsikring-og-kystudvikling-af-hovedstadsområdet.pdf>