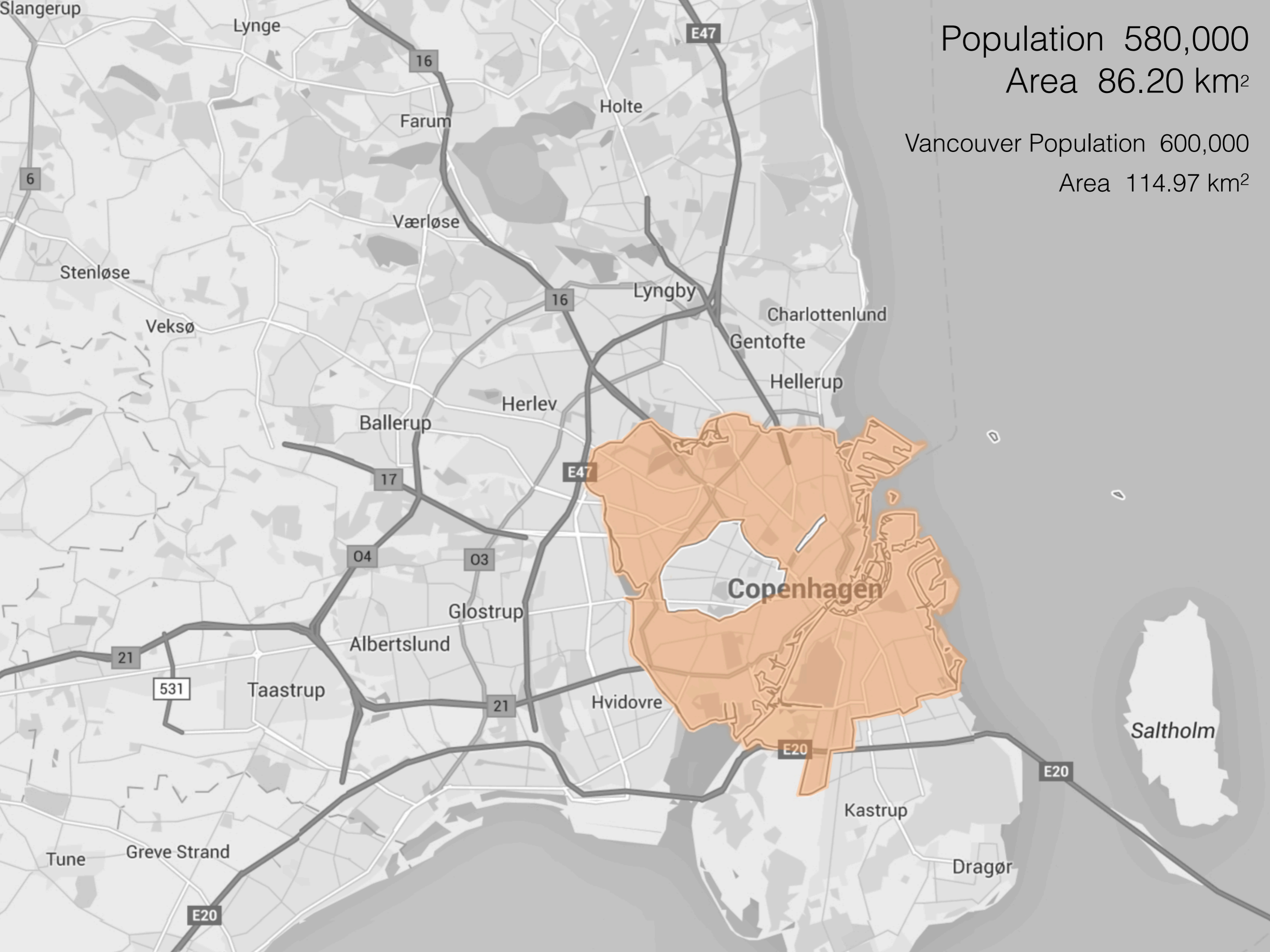


BIKE INFRASTRUCTURE IN COPENHAGEN



<https://www.youtube.com/watch?v=fhfxHvA5mBk>

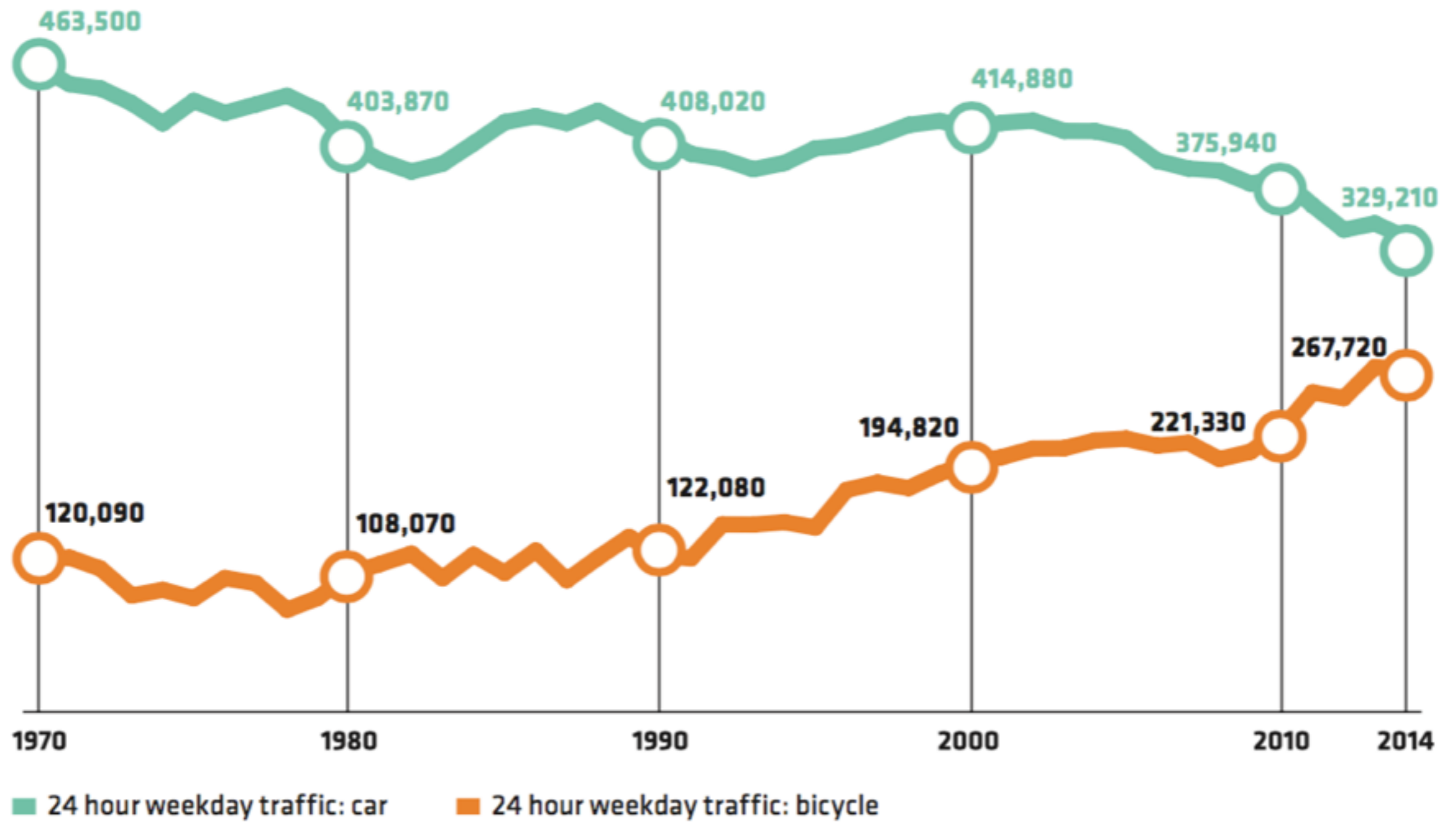


Population 580,000
Area 86.20 km²

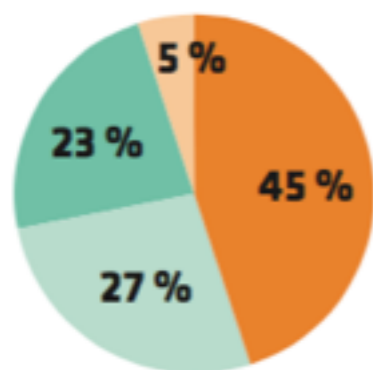
Vancouver Population 600,000
Area 114.97 km²

Saltholm

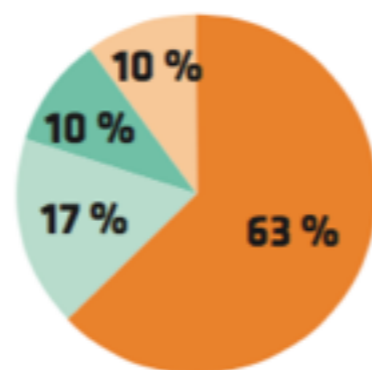
TRAFFIC ENTERING IN AND OUT OF THE CITY CENTER (24 HOUR WEEKDAY TRAFFIC 1970 - 2014)



BREAK-DOWN OF JOURNEYS IN 2014



Journeys to work and education in the City of Copenhagen



Copenhageners' journeys to work and education in the City of Copenhagen

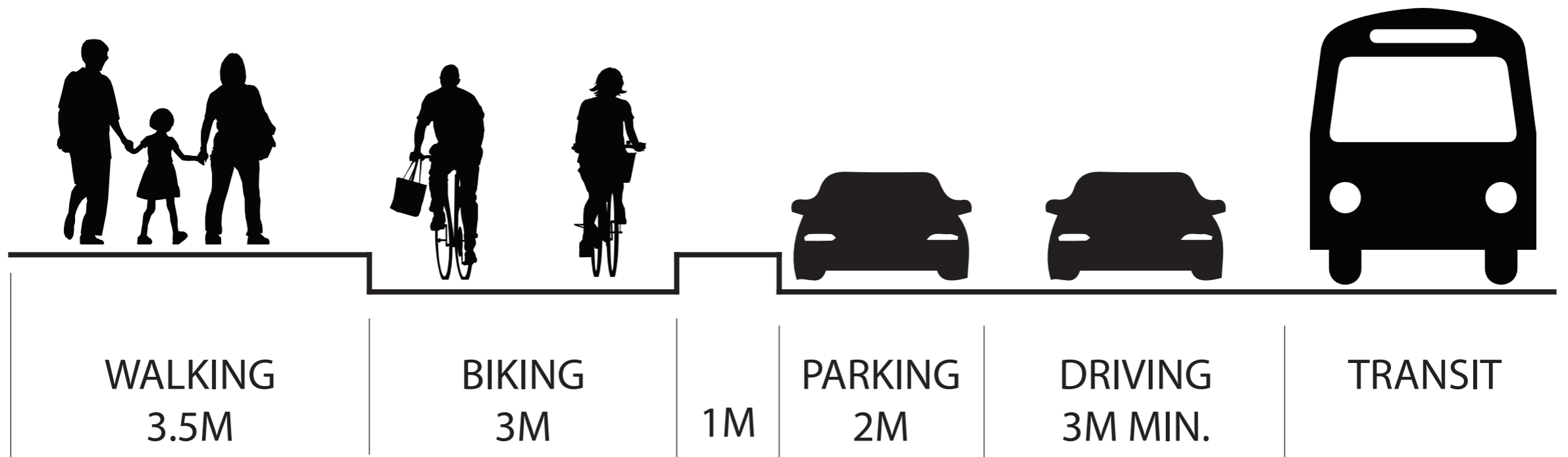
■ Bicycle
 ■ Public transport
 ■ Car
 ■ Walking

TARGETS STATED IN GOOD, BETTER, BEST. THE CITY OF COPENHAGEN'S BICYCLE STRATEGY 2011-2025

'04	'06	'08	'10	'12	'14	'15	'25	
36	36	37	35	36	45	50	50	Proportion of people who cycle to work/education (%) *
58	53	51	67	76	74	80	90	Proportion of cycling Copenhageners who feel secure (%)*
125	97	121	92	102	91	56	34	Cycling casualties (number per year)*
				17	19	40	80	Proportion of PLUS network that has 3 lanes (%)
				0	7	5	15	Reduction in cycling travel time (%)
50	48	54	50	61	63	70	80	Satisfaction with state of cycle tracks (%)
			67	73	70	70	80	Satisfaction with cycling culture's impact on urban life (%)

*Targets included in the City of Copenhagen's publication Eco-Metropolis. Our Vision for Copenhagen 2015.





BIKE LANES

Cycle track priority plan

0 1 km



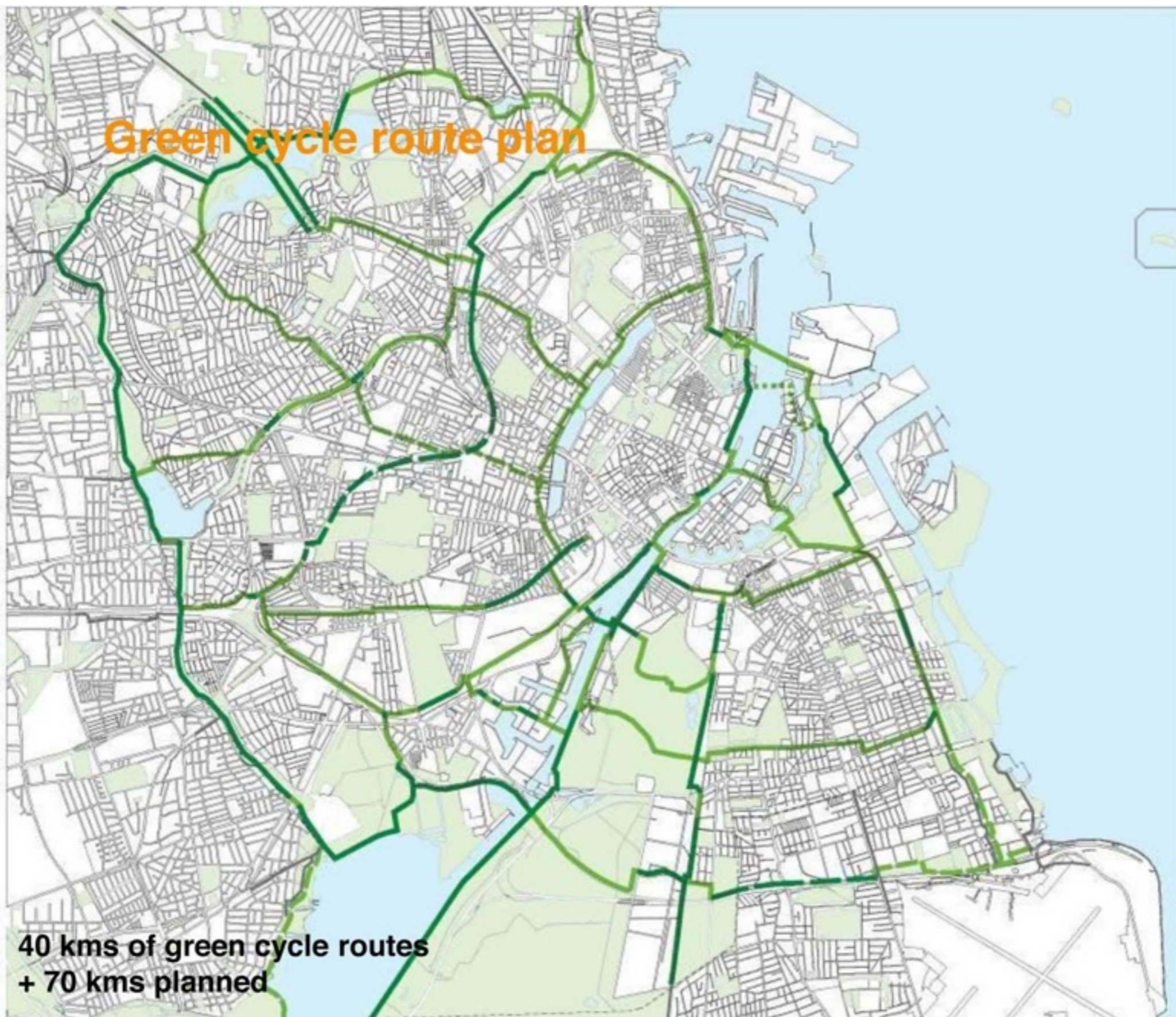
**338 kms of cycle tracks
+ 50 kms planned**

18 kms of cycle lanes – none planned

- Existing
- Planned
- Actual projekt

BIKE LANES

Green cycle route plan

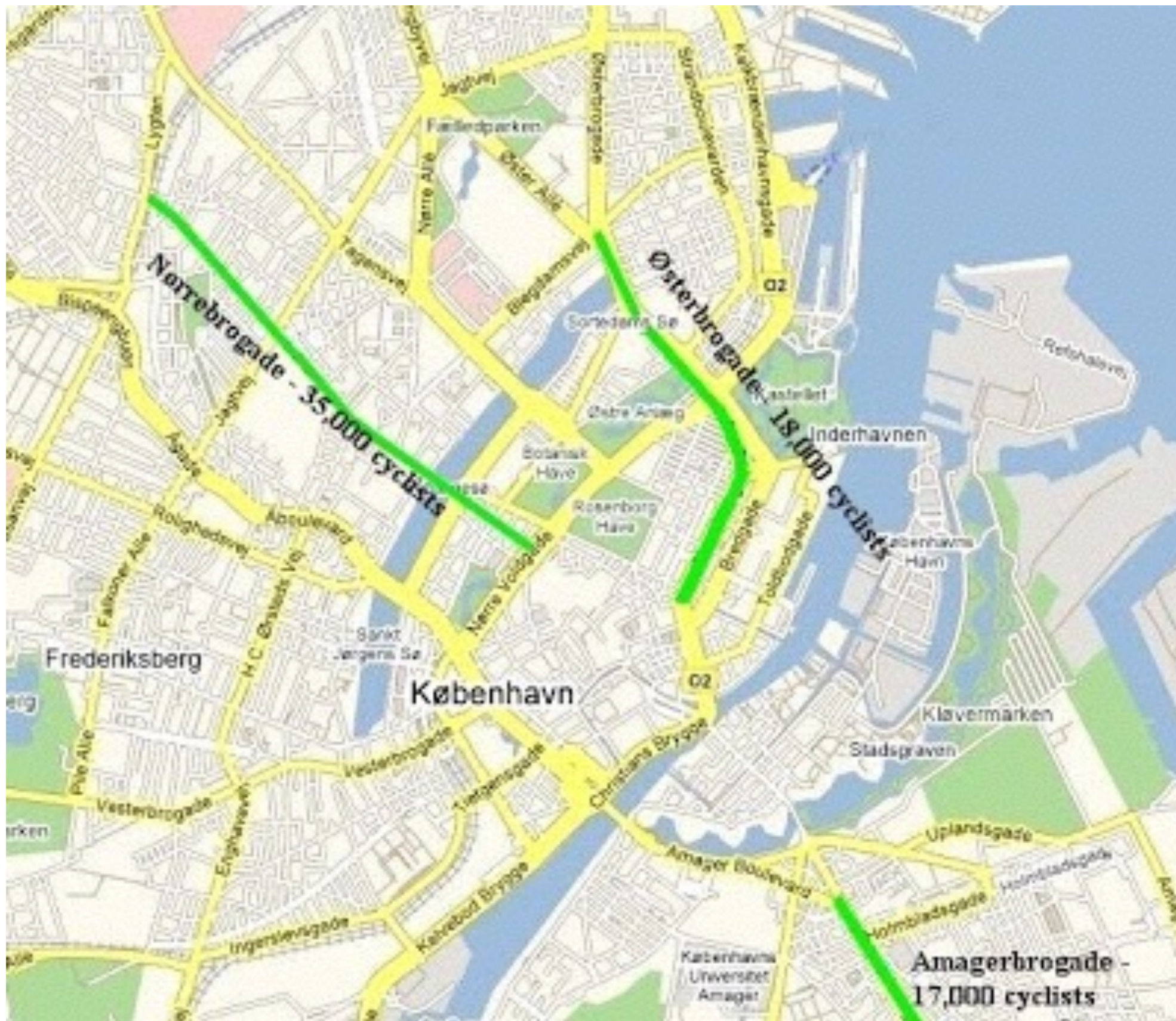


40 kms of green cycle routes
+ 70 kms planned



- Existing
- Planned
- Other municipality

GREEN BIKE LANES



GREEN WAVE LANES





BIKE FRIENDLY PUBLIC SQUARES: SUPERKILEN



BIKE BRIDGES: NØRREBRO BRIDGE



BIKE HIGHWAYS: CYKELSLANGEN - THE BICYCLE SNAKE



THE CITY BIKE

COPENHAGENERS' SATISFACTION WITH BICYCLE PARKING FACILITIES

33 % In town generally

79 % At home

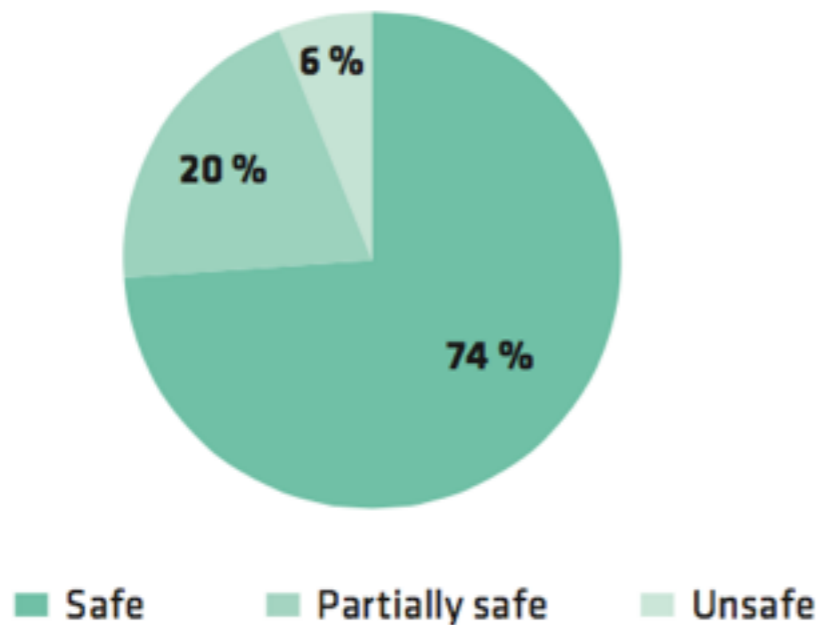
70 % At work

25 % At stations

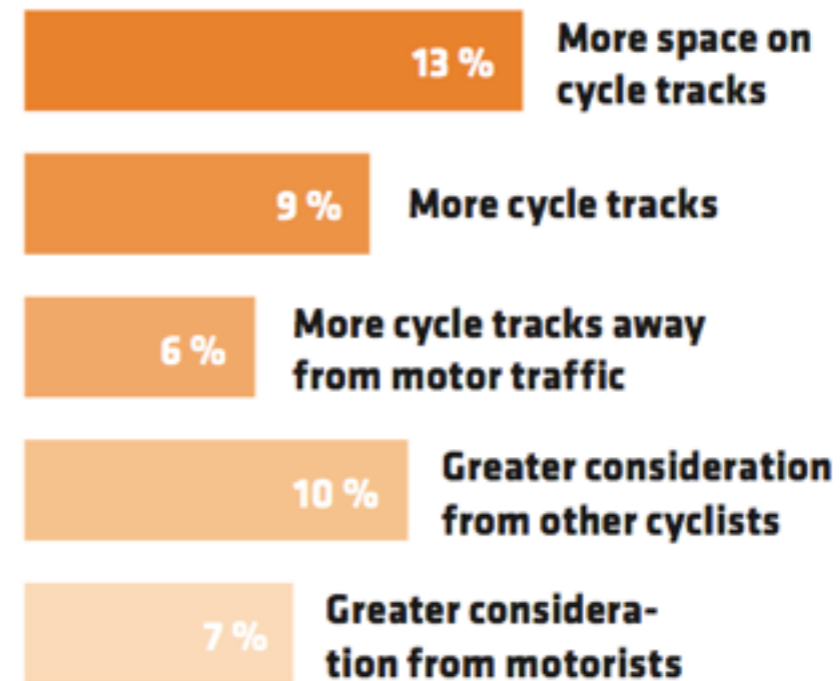
26 % At shops



PROPORTION OF COPENHAGENERS WHO FEEL SAFE WHEN CYCLING IN COPENHAGEN



WHAT WILL MAKE CYCLING COPENHAGENERS FEEL MORE SAFE?



TARGETS STATED IN GOOD, BETTER, BEST. THE CITY OF COPENHAGEN'S BICYCLE STRATEGY 2011-2025

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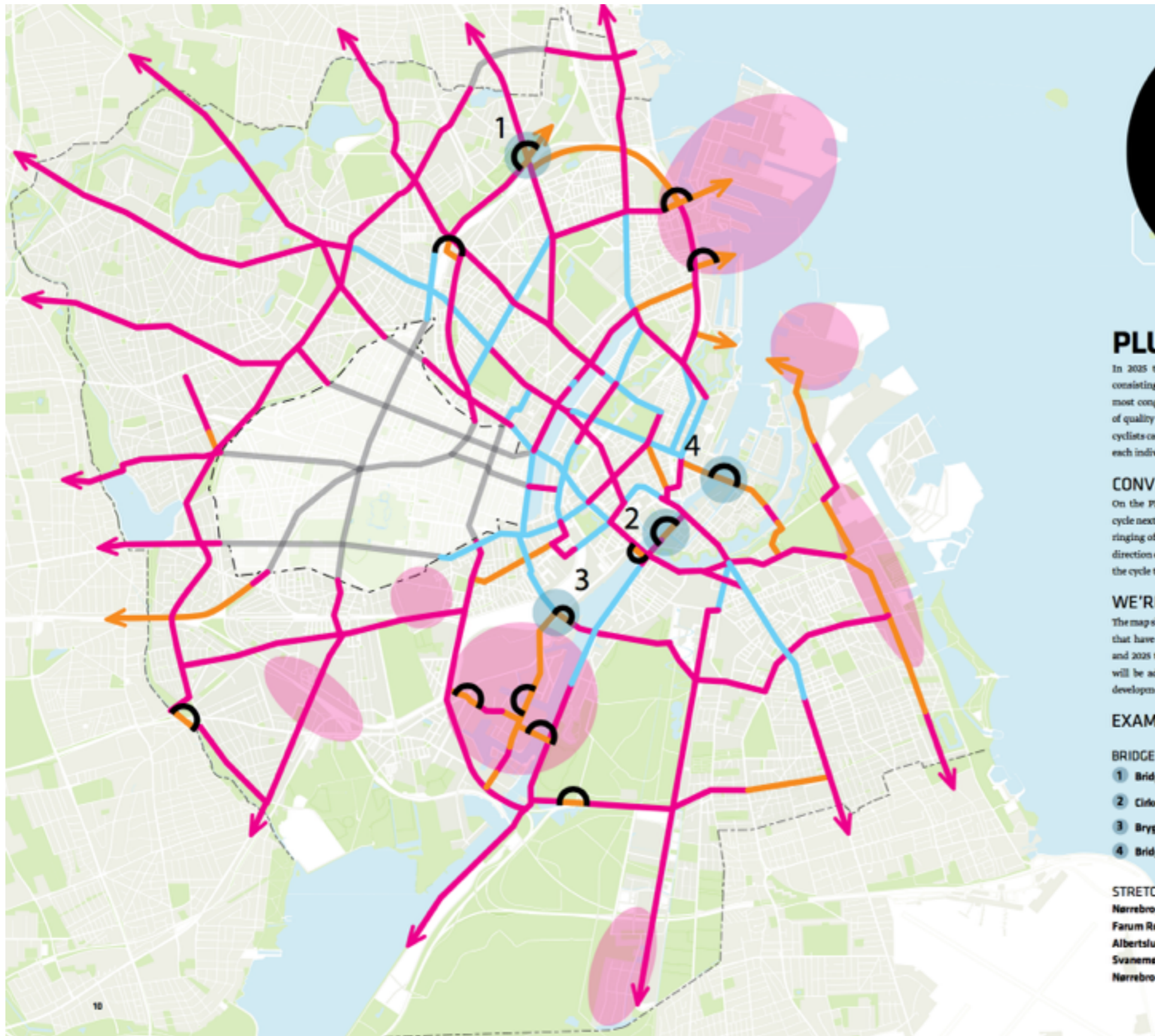


BIKE COUNTER










ALTERNATIVE TRANSPORTATION



THE MAP SHOWS THE NECESSARY IMPROVEMENTS.

-  OK – only minor adjustments required
-  More space
-  Large-scale improvements / start from scratch
-  New bridge/tunnel for cyclists and pedestrians
-  New urban development areas with perspectives beyond 2015

PLUSnet

In 2025 there will be a PLUSnet for cyclists in Copenhagen, consisting of chosen Green Routes, Bicycle Superhighways and the most congested bicycle routes. The PLUSnet ensures a high level of quality for space, intersections and maintenance so that many cyclists can travel securely and comfortably at the tempo that suits each individual.

CONVERSATION CYCLING

On the PLUSnet, Copenhageners can converse with a friend or cycle next to their mum or dad without being disturbed by the bell ringing of people who want to get past. The goal is 3 lanes in each direction on 80% of the network (4 lanes in total on stretches where the cycle tracks are bi-directional).

WE'RE ON OUR WAY

The map shows the PLUSnet, examples of large-scale improvements that have been approved and other improvements between now and 2025 that have a high priority. The exact routes and capacity will be adjusted on an ongoing basis, based on traffic and city development.

EXAMPLES OF APPROVED PROJECTS

BRIDGES:

- 1** Bridge over Lyngbyvej and the coming Nordhavnsvej
- 2** Cirkelbroen
- 3** Bryggerrampen
- 4** Bridge across the Inner Harbour

STRETCHES:

- Nørrebrogade** (wider cycle tracks, among other projects)
- Farum Route** (Bicycle Superhighway)
- Albertslund Route** (Bicycle Superhighway)
- Svanemølle Route** (Green Cycle Route)
- Nørrebro Route, Åbuen - Jagtvej** (Green Cycle Route)

Brissenden, E. (2015). SHIFT: EXPERIENTIAL PUBLIC SPACE AT THE PERIPHERY OF COPENHAGEN.

<http://www.dac.dk/en/dac-life/copenhagen-x-gallery/cases/the-bicycle-snake/>

<http://www.visitcopenhagen.com/copenhagen/copenhagen-city-bike-gdk495345>

<http://www.copenhageneet.dk/cph-history.htm>

<http://www.copenhagenize.com/2012/10/danish-180-tax-on-cars-is-rather.html>

http://presentations.thecyclistwebhouse.com/The_Third_Wave_of_Cyclists/Presentation%20-%20Third%20Wave%20of%20Cycling%20-%20BCCC/BCCC%20Presentation%20-%20Copenhagen%20-%20Cycling%20Facilities%20Design%20Approaches%20-%20Version%20Condensed.pdf

<http://www.archdaily.com/286223/superkilen-topotek-1-big-architects-superflex>

<http://www.voleospeed.co.uk/2013/05/lessons-from-copenhagen.html>

<http://www.cycling-embassy.dk/2013/06/03/6995/>

http://www.nytimes.com/2012/09/30/sunday-review/to-encourage-biking-cities-forget-about-helmets.html?_r=0

<http://www.forbes.com/sites/justingerdes/2012/01/23/copenhagens-green-sheen-its-not-just-about-the-bikes/>

<http://search.proquest.com/docview/222976091/fulltextPDF?accountid=14656>

Egan, Stuart. "Copenhagen: The Beauty of the Bike Odyssey." *Europe*.384 (1999): 45. *ProQuest*. 2 Oct. 2015 .

<http://onlinelibrary.wiley.com/doi/10.1111/ciso.12051/full>

<http://search.proquest.com/docview/1352007648/fulltextPDF?accountid=14656>

Martinez-Fernandez, Cristina, et al. *Measuring the Potential of Local Green Growth: AN ANALYSIS OF GREATER COPENHAGEN*. Paris: Organisation for Economic Cooperation and Development (OECD), 2013. *ProQuest*. 2 Oct. 2015 .

<http://search.proquest.com/docview/224885715/fulltextPDF?accountid=14656>

"Copenhagen's City Bicycle Program." *Institute of Transportation Engineers.ITE Journal* 70.7 (2000): 22. *ProQuest*. 2 Oct. 2015

Edwards, A., & Leonard, M. (2013). *City Cycling Copenhagen*. New York: Thames & Hudson.

<http://www.copenhagencyclechic.com>

Gehl, J. (2010). *Cities for people*. Washington, DC: Island Press.

Bosselmann, P. (2008). *Urban transformation understanding city design and form*. Washington, DC: Island Press.

Fleming, S. (2012). *Cycle space: Architecture & urban design in the age of the bicycle*. Nai010.