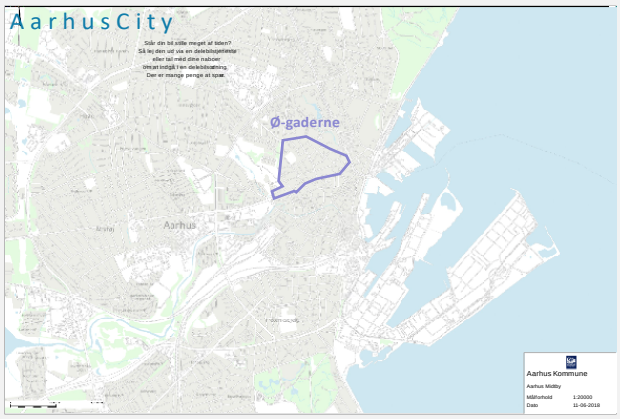
FACTSHEET – Aarhus, Denmark

City Facts



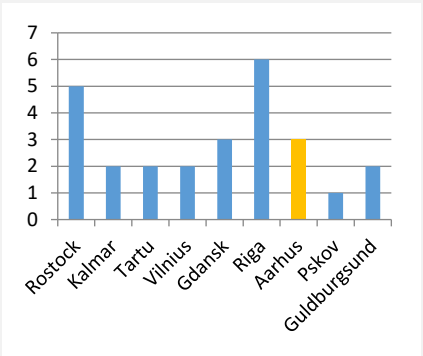
Pilot Area edged in blue

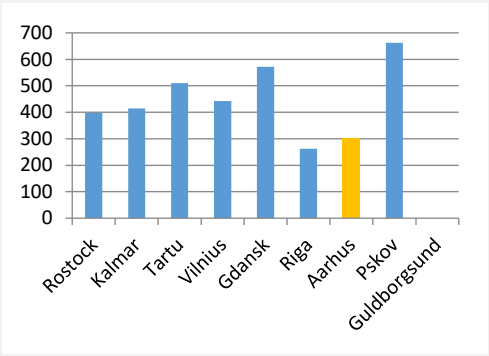
City of Aarhus		**Pilot Area,**	
Size city area	470 km²	Size	20 km²
Population size	325 000	Population	68 000
Unemployment rate	3,8% (Central Jutland)		
Average annual temp	7,8 °C		
Population growth	1,0%		

Similarities with other cities
- Second largest city area
- Average (third highest) number of PT modes
- Fourth largest population, 3rd smallest population density

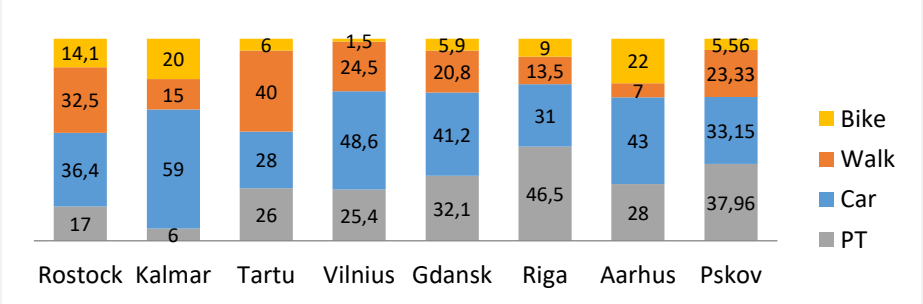
City level

Low number of public transportation modes and car ownership rate





High car usage in modal split



City Level

Success Factors

Aarhus has the **highest bicycle usage in the modal split**

Reasons:

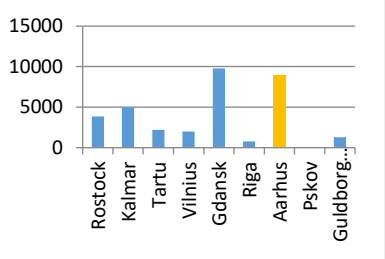
- Among the CMM cities, Aarhus has the second lowest car ownership rate. This corresponds to the higher use of more sustainable transport modes. Denmark is known for its long tradition of bicycle usage.

Aarhus has the **longest bike lanes (700 km)** and **second highest number of bike stands** (9 000) in public spaces among the CMM cities.

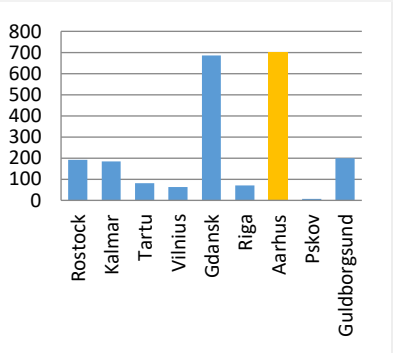
Reasons:

The high bicycle usage corresponds with the wide bike lane network. However, the results of interviews and surveys show that there still is a strong **demand for even more** bike stands and bike infrastructure.

Second highest number of bike stands



Longest bike lanes



Challenges

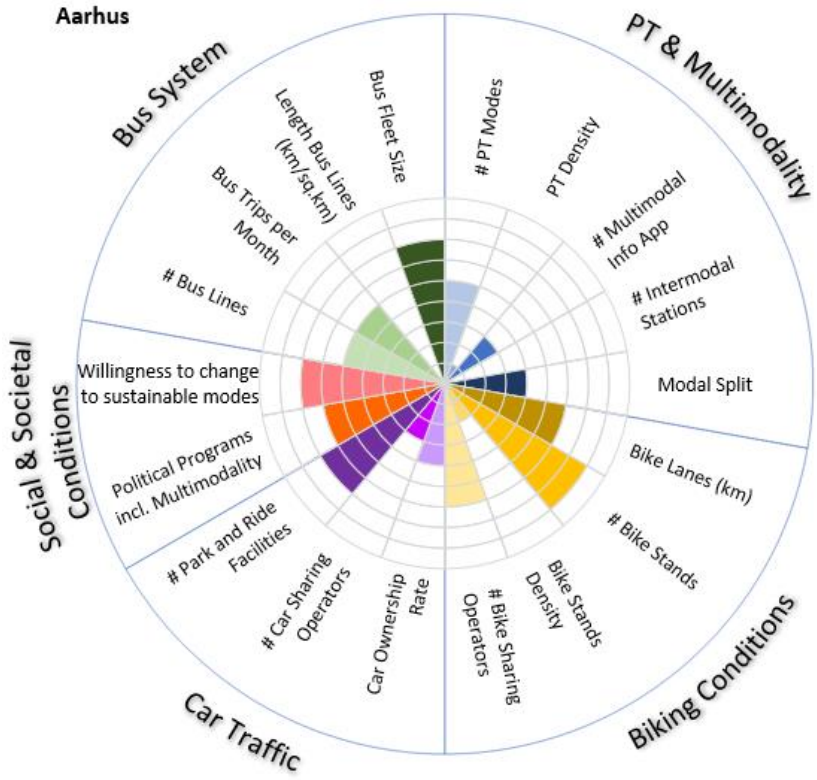
The main mobility challenge of Aarhus can be described as follows: **too many cars take up too much space**, especially in the inner city

Mobility Management

Aarhus is a growing city. In 2030, it is estimated around 50 000 more people will live there. This represents a growth of more than 10 % and the existence of 30 000 more jobs. Consequences will be that approximately 20 000 more cars would be in the city if there are no changes to the mobility patterns. This is a challenge, since the road network at certain times of the day already currently suffers from congestion.
In the Municipal Development Strategy (2016), Smart Growth has high priority – meaning that the city is growing more dense in the future moving travel destinations closer to each other and making the public transport system more efficient. By following this strategy, the demand for transport should decrease. Furthermore, the smart choice of mobility is an important part of the Municipal Development Strategy, supported by infrastructure projects, such as the almost completed light rail and super commuter bike paths. In this project the focus has been put on investigations how existing road infrastructure can be used in a more efficient way. It does this in a participatory way by letting citizens address the challenges they are facing prohibiting them from being more flexible in their transportation. Also test persons are directly contacted that volunteer for various mobility solutions. The idea behind it is that smart mobility inspires these people and provides the necessary framework to make it possible for real behavioral changes in travel. Thus, it can be said that instead of implementing mobility management measures such as promoting mobility options via campaigns, the city of Aarhus pursues a unique and innovative approach to change the mobility behavior of the citizens to a more sustainable one.

Multimodality Indicators

Ranking



Rank Multimodality = Conclusion = Category

Compared to the other CMM cities Aarhus performs at present good concerning multimodality conditions. It reached the status of a:

Start-Up City **Scale-Up City** **Lighthouse City**

This factsheet was compiled by TU Berlin within the framework of the preparatory analysis works undertaken in CMM. It is based on the information provided by the CMM partner cities.

City Level

Additional Observations

www.visitaarhus.com: There is a **free bike sharing** service where a 20 kroner coin is inserted as insurance at the bike rack and is returned once the bike is given back.

In summer 2018, the famous Donkey-Republic bike sharing operator started operating in Aarhus. The provider, which originated in Copenhagen in 2015, now operates in more than 60 cities in Europe and the USA.

Aarhus is the **second fastest growing city** among the CMM cities.

More quick facts on pilot area:

- The pilot area is located in the dense inner-city area of Aarhus.

- 49,3% of employment in the pilot area is in private limited companies