



Time schedule for 'The Climate City' project

June 2014 – March 2015

The architectural competition for 'The Climate City' project.

March 2015

Announcement of the winning project of
'The Climate City' architectural competition.

March - September 2015

Design and detailing of the winning project.

September 2015 - autumn 2017

Realization of the winning project.

Autumn 2017

Inauguration of 'The Climate City' project.

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The Climate City

IN MIDDELFART
BEAUTIFUL DANISH
CLIMATE ADAPTATION

Urban Development by Climate Adaptation

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'The Climate City' project – The most beautiful climate adaptation project in Denmark

'Urban Development by Climate Adaptation' – this is the mantra of 'The Climate City' project – Denmark's large-scale climate adaptation project in the city of Middelfart

The city of Middelfart considers climate adaptation to be both the main driving force behind and an important source of funding future urban development. Thus, the aim of the project is to find new ways of incorporating climate adaptation into urban development.

A paradigm shift in urban development and in the field of wastewater utility

One of the greatest social and financial challenges of the future is to ensure climate resilient towns and cities. This calls for a pronounced paradigm shift within the fields of urban development and wastewater management.

Using an innovative dialogue-based approach 'The Climate City' project focuses on developing innovative solutions that integrate both climate adaptation and urban design through focus on multifunctional design of urban spaces and structures. The project solutions aim to manage rainwater on the ground as a supplement to pipes underground making rainwater a visible urban element.

The objective of 'The Climate City' project is that innovative solutions and the principles behind these will become a source of inspiration for the work ahead in integrating urban development and climate adaptation – both nationally and internationally.



"It is essential for Middelfart Wastewater Utility that the solutions developed in The Climate City project integrate climate adaption and urban design and that they contribute to the quality of urban space and city life. We want more for the city than just an efficient sewage system, and we have great aspirations that the solutions must provide the best value for the city as a whole".
Mr. A. Bruus, Director of Middelfart Wastewater Utility

"The vision is that the innovative dialogue-based approach, as well as the concrete solutions will serve as inspiration for any future work that combines urban development and climate adaptation - not only in the city of Middelfart, but also nationally and internationally. We want to set a good example for others".

Mr. S. Dahlstrøm,
Mayor of the Municipality of Middelfart

The physical framework

'The Climate City' project is carried out as a partnership between 'Middelfart Wastewater Utility', 'The Municipality of Middelfart', and 'Realdania', a member based strategic philanthropic association that supports projects in the built environment within three focus areas: Cities, Buildings and Built Heritage.

The project area covers more than 450,000 sq. m and has an elevation difference of approximately 38 metres. The area stretches from residential areas on the western edge of Middelfart through the town centre to the medieval quarters by the historic harbour. Thus significant area types, typical of the Nordic region, are represented, making this project a well-suited demo project, scalable for use in urban areas throughout Central and Northern Europe.

'The Climate City' project in Middelfart

'The Climate City' project demonstrates how adaptation to climate change can go hand in hand with urban development – resulting in climate-resilient, greener and more beautiful cities, by managing rainwater on the surface in addition to the pipes underground.

'The Climate City' Architectural Competition

The architectural competition for 'The Climate City' project was announced in June 2014. The competition addresses climate adaptation through urban design for the project area.

The competition calls for innovative solutions to the question of how to achieve environmental, economic and social / recreational added value to the large investments in climate change adaptation that utilities and municipalities are required to make within the next 50-100 years.

The winning project of the architectural competition will be announced in March 2015. The realization of the project will be completed by the end of 2017.

"We are happy to support new solutions for climate adaptation and sustainability that also take the development of existing urban spaces into account. For us it is paramount that the new technical solutions help facilitate a more beautiful and liveable city".

Mr. H.P. Svendler, Director of Realdania

