where the land meets the water

To discover additional resources and suggestions about open-air activities scan the QR code or go to



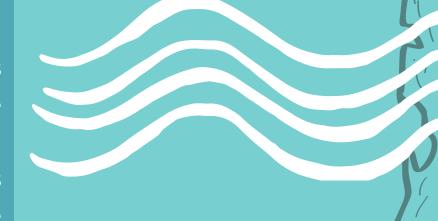
coast to coast

From the Limfjord to the island of Samsø, through ice-age shaped landscapes, rivers and lakes, discover the places where the humans of the past learnt to coexist with water, and where today's response to climate change is made.

Silkeborg søerne, Magnus To Luftfoto af Thyborøn med h

Luftfoto af Thyborøn med havn, Lemvig Kommune

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MidJutland's climate between history and innovation

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developed within Coast to Coast Climate Challenge a
MidtJylland Region and LIFE project, and subproject C24 led by

Aarhus University

Water is ever-present in Central Denmark Region. For good and bad, the people who inhabited the Jutland peninsula have developed their societies - agriculture, trade and spirituality - in constant interaction with water, whether inland or along the west and east coasts. Their relationship to the uncountable bodies of water scattered through the region, many of which can still be spotted today, has been central in history. Today, too, water represents a resource but also a threat. Intense rains, extreme weather phenomena and rising sea-level caused by climate change need to be reckoned with. Denmark is and will have to face the consequences of these changes, especially given that much of the country is low-lying. We are all called to act; to stop climate change and mitigate its threatening effects. To do so, we can learn a lot from the past.

Water always represented a source of energy: from medieval water-mills, through the most important hydropower-plants of the Region, to the latest innovation for clean energy and climate adaptation, water technology plays a big role in climate change adaption - and on this trail.

Human societies always had to face environmental and climate change: Jutland gained its shape thanks to aeons of ice age freezing and thawing, and became available for intrepid humans for the first time. The following warmer periods started around 12.000 years ago. They brought about the complete melting of the ice that remained and shaped rivers and coastlines. This warming enabled forests to spread, which welcomed new people to the region, eventually also agriculture and the societies of the recent past.

A variety of destinations in Central Denmark Regions will open your eyes to the way we relate to water in all its forms. Lakes and creeks are among the best nature has to offer. Diverse and interactive museums will lead you through the history of the region.



The trail has no fixed start nor ending: the Coast to Coast Climate Challenge sites are scattered all around Central Denmark Region and they all have something to show you, and to wow you. Unforgettable experiences abound: you can discover them all at your own time and pace, perhaps even by kayak, on your bicycle or on foot?



A journey through nature, history and technology, to understand how we can mitigate the threats of climate change and preserve the wonderful landscapes of Central Denmark Region.

At the C2C sites highlighted in the map, our journey takes us to discover the west and the east coasts and all along the course of the majestic Gudenå river.



Would you like to enjoy your visit while keeping an eye for environment?

Central Denmark Region offers a great variety of hiking trails, cycling routes, as well as canoeing and kayaking opportunities. You can discover the many marvellous C2C sites scattered along the course of the Gudenå by paddling on the river all the way to Randers Fjord, or you can explore the inland following one of the many paths.



Look at the back of the brochure to find out more! Welcome to Central

Denmark Region - and welcome to the

Coast to Coast Climate Challenge!



1- Kvstcentret Thybøron

of the North Sea and its legendary storms and learn to tame the waves. Undestanding the sea is the first step to respond to the potential threats of climate change, and why not doing it while project "Skjern Å Natural Area".

2- Thybøron Kanal

Formed after a violent storm hit the west coast in 1825, the canal put at risk an area, that essential for the city and local fauna, flora

3- Bovbjerg

After the storm surge of 1825, "høfder", namely strips of rocks that prevent the degrading action of waves, began to be built. The In the second half of 20th century, so-called sand-feeding became the most efficient way to prevent coastal erosion. Yet rising sea-level and more frequent and stronger weather Harboøre phenomena again put this fragile coast at risk.

4- Western Limfjord

Rising sea-levels and violent storm surges could lead to an increase of the water level up to 60 cm higher than that of today. Coast2Coast plans to narrow the entrance to the fjord to limit the inflow of water and so mitigate the risks of flooding.

5- UNESCO Global GeoPark VestJylland

The area that covers the municipalities of Lemvig, Hostelbro and Stuer is an unmissable destination for those who want to know more about how Western Jutland gained its unique landscape and what the conditions were after the ice-age, and how they interacted with the development of the unique societies of the peninsula. Here, history and nature truly meet.

6- Storå Creek

Is the second longest river in Denmark. Changes in the rainfall registered in recent years threaten the towns through which the creek flows. Holstebro, for instance, was severely flooded in 2015.

10- Stadil Fjord

Once linked to Ringkøbing Fjord, drainages riduced its size, making it a lake - the second biggest in Jutland. Clean-up and careful management have made it also one of the cleanest lakes of the country. It is a wonderful avide sande example of how humans can impact and shape the landscape, and take care of it. Its sorroundings are also worth a visit. Head to **Vedersø Klit**, **Husby Klit** and

Sidselbjerg Beach, to admire the wild western coastline.

11- Hvide Sande

Near this lively summer-time town, you can admire the beauty of sand dunes on the North Sea. The waves of the ocean often threaten the stability of this landscape but it is indegab the dynamic interaction between land and sea that makes it

13- Skjern Å

The fourth longest river in Denmark, yet first for sheer amount of water carried. The Skjern river is also the only Danish river ending in a delta, which opens in the Rinkøbing

14- Ikast-Brande

Situated near the springs of the iconic Gudenå, this is the place where the Storå creek begins its journey.

15- Rinkøbing Fjord

The fjord is an important focal area for humans and animals, especially birds. The shallow fjord offers rich feeding and breeding grounds. Head to Sorter Bakker Beach for a beautiful view over the fjord.

16- Museum MidtJylland - museummidtjylland.dk. Culture history at its best with activities indoors and outdoors.

17- Rinkøbing-Skjern Museum

Discover how life was in the Ringkøbing Fjord in the past.

9 Pumpestation Nord panoramic platform

From here, you can have a view of Ringkøbing and the Skjern Å delta, and head out on hikes. The exhibition at the pumpstation showcases the by natural forest, medows, heat- and **26- Horsens Museum** - museumhorsens.dk,

Nykobing

Glyngore

spiritual value for the inhabitants of Jutland. 21- Gudenå´s springs

Situated near Tørring, the area is characterized valley of the Gudenå, Tørring and to Udum

Farsø

Løgstrup

Ranum

Coast Climate Challenge sub-project C14. The climate changes. The eerie remains of Iron Age 44- Gudenå Park river and lake play an important role in the city 's climate adaptation against floods.

adsund

Aarhus

grassland. You can hike from here through the Come and learn about past lives and livelihoods in and around Horsens

Støvring

E45

Norager

Aalestrup

Skørping

sacrifices have also been found in what use to be In Randers, the river represents a fundamental a lake, later drained to become bogs. Head to nearby Skanderborg Museum and Moesgård Museum just south of Aarhus to find out more about them.

31- Forlev Nymølle

Here, the wooden representation of a goddess from the Iron Age was found. She is thought to have been the centre of sac<mark>rifices and</mark> offerings in the lake.

32- Klostermølle Randers Fjord Abbey Mill you can enjoy a splendid view over Jutland

> iggest lake, Mossø, and learn more about the mill of the old Benedictine monastery to which it belonged

Grenaa

Mols Bierge

Samsø

Hornslet Nationalpark

Kolind

35- Vestermølle **Museum** Experience

how water energy can be utilized to produce food!

part of the city. Coast2Coast sub-project C16 aims to re-establish the connection between

45- Lilleådalen

Near Hillerup, you can explore the rich flora and fauna of this valley, formed during the last ice age. A picturesque landscape of hills and valleys is traversed by the Lille river.

the city and water. In the park, you can make

46- Naturpark Randers Fjord

experience of this vital link.

Here, the river Gudenå finally meets the sea, creating a rich wildlife habitat. Due to the manmade climate change, the Fjord is at risk and floods threaten both its human and nonhuman inhabitants. Sub-project C11 aims to mitigate these threats.

47- **Kyst- og Fjordcentret**

Learn about the fjord and its unique wildlife, and about the east coast of Jutland. Exhibitions and workshops give you a deeper understanding of this exciting but fragile part of the region.

48- Museum Østjylland Randers

Discover how life was around the fjord, from the ice age to the recent past. After the ice age, rising temperatures caused dramatic changes in the landscape and allowed for the arrival of the first hunters some 14,000 years ago – explore what they left behind, and how folks lived on Djursland between then

49- Karlby and Sangstrup cliff

Spectacular cliffs and fun fossil hunting await you in this part of Diursland.

50-51-52- Mols Bjerge National Park

Park There are plenty of natural and cultural experiences you can enjoy on Djursland: at Stubbe sø you can witness a beautiful undulating ice-shaped landscape. Stubbe Lake

formed when water filled the hole left by huge chunks of melting ice. During the Stone Age, the lake was the last part of a small fjord. As a result of its formation, its waters are now clean but poor in nutrients. Dragsmur is also worth a visit – this thin strip of land is the ideal place to start kayak trips.

53- Kolinsund Kanal

© Scribble Maps

Whether natural or man-made, the changes in water courses shaped this land, and sometimes mark important moments of Denmark's history. What use to be the country's biggest lake was turned into an irrigation channel in 1864, when Denmark lost territories in Southern Jutland.

54- Besser Rev on the island of Samsø

Don't miss out on hiking on this 5km-long sandy reef. But beware: The area is easily flooded due to its low elevation and changing winds. Rising sea-level could forever compromise this landscape.

55- **Stavns Fjord**

Now strictly protected and characterised by many small islets, the fjord formed around 7000 years ago, when the land was flooded due to the rising sea-levels that followed the end of the ice age. Settlements dating back to the Stone Age.

Map data @2021 GeoBasis-DE/BKG (@2009), Google

Samsø is well known as a "green island". The Akademy focuses on the consequences of

39- Tange sø

The largest artificial lake in Denmark, the dam

was originally built to supply water to the hydropower-plant up north, on the Gudenå.

56- Samsø Energiakademiet

Extensive wetland created by the Gudenå river. 18- Store Skjern Å Kanal

Ulfborg

Officially named Dalgaskanal after its constructor, the channel enabled, from 1872, the irrigation of a large portion on land and created a landscape of meadows. Another example of how water management has been applied in the past.

11 Tistrup

20- Finding place of the Tollund man

Found in Lake Bølling in the 1950's, this famous Iron Age bog-body (now exhibited at the National Museum in Copenhagen), is believed to have been a sacrifice victime. He was deposited in water, which held not only ecological and economic but also

Kær. The famous Hærvejen passes nearby.

22- **Uldum Kær -** Extensive wetland created by the Gudenå river.

23- Den Genfunde Bro

"The ridiscovered bridge", a large piece of history that had been forgotten for decades. Where once the railway passed over the Gudenå, you can now enjoy a pleasant walk and admire the majestic river from above.

25-25- Bygholm Å and Bygholm Sø

The two bodies of water near Horsens are, together with the town, in focus of Coast to

27- Vestibrik Hydro Power Plant

Vestbirk Vandfraftværk is Denmark's first hydropower-plant and a splendid example of how clean energy can be generated by working together with the forces of nature. Immersed in the nature along the River Gudenå, you can discover more about the old power-plant through the exhibition and occasional tours.

landscape preserves many traces of past

28-33-34- Illerup Ådal, Mossø and Alken

Enge - Formed through the ice-age, this

42- Øm Klostermuseum museumskanderborg.dk/øm-kloster

Braedstrup Nørre Snede ønder Omm

Norre Nebel

Haderup

Vildbjerg

Ansager

22- Uldum Kær

Videbaek

Heing

Grindsted Jelling

Them

AquaGlobe E45 Rarkon

36-37-38- Silkeborg Søerne

An area rich of natural attractions and ideal for water activities; Slåensø and Almind sø, among the cleanest lakes in Denmark, are also situated around Silkeborg.