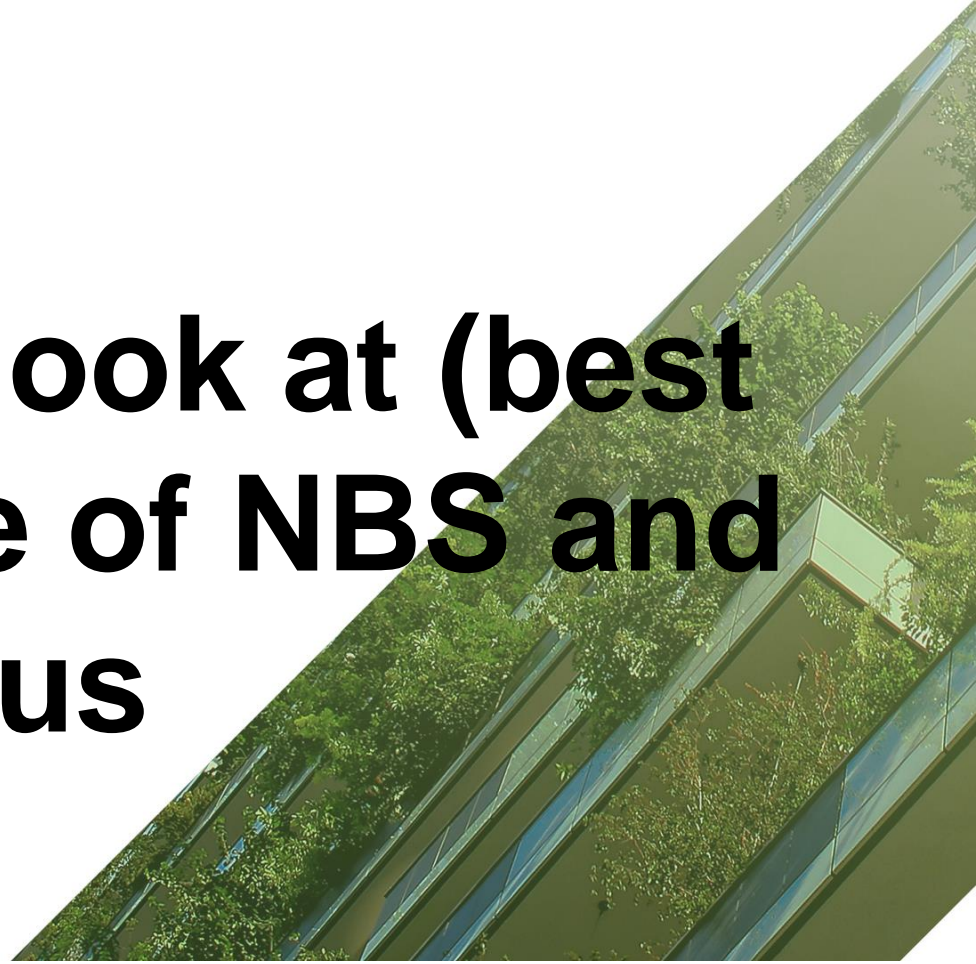


A historical look at (best practice) use of NBS and where it got us

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01: Setting the Scene – Loss and Preserverance

**“What is lost on the outside,
must be won on the inside” (1)**

(1) Multiple men are attributed this quote: Enrico Dalgas (Hedeselskabet), H. P. Holst (Author), and Freidrich Wilhelm III (King). This very unofficial translation to modern English is my own. The original would take half a page and be clunky enough for you to choke on your tongue.

How do we grow through **CRISIS?**



Henry Smith

**The year is 1870.
6 years ago,
Denmark lost a
third of the
country, half the
population and
most of the food
production.**

During the war of 1864, Denmark managed to engage a vastly superior enemy (the Prussians) and lose the most valuable part of the country: Slesvig-Holsten. The loss reverberated throughout the country, not just because of the economic loss, but also because it was the first cold shower after an euphoric phase of nationalism and progress.

The very same nationalism that had been a driving force behind the constitution led to losing the most productive part of the country, including most of the food and close to half of the population.

What was left was debt, and a populace that would be facing a dearth of resources.

Sounds familiar?



THE TRANSFORMATION

From moor to more.

Back in 1864, Justland was moor; wetlands unsuitable for agriculture.

With all the fertile land lost the Preussians, Denmark decided to change that.

The biggest Nature Based Solution, the country has ever seen was deployed.

No pine, no gain

To transform from the harsh conditions of the moor, pinetrees were used to transform the soil.

The pinetrees have since been criticized for their somewhat dull appearances and tendency to strangle other growths, but it takes a grim character to transform rock and moor to something more.

Some of them were imported mountain pines from the Pyrenees, so they were used to being between a rock and a hard place.



Conifer forest, picture from Skovdyrkerne

Happy to tree me?



The next step was hardwood or deciduous trees. The deciduous tree forests are what most Danes today consider the typical Danish forest.

As you can hear, most Danes are wildly ignorant.

The deciduous trees was the last step necessary to cultivate and transform the soil and transform it to agriculture.

Unfortunately, if you take agriculture and mix it with industrial revolution, you get...

In 10 years, Danish
Agriculture has gone
from contributing 15,6%
of our Greenhouse Gas
Emissions to 22,4%

And the number is rising.



Source: Altinget.dk



Klimatilpastning.dk: Bio-LAR installation of NBS to clean rain water

Which is why we are here today.

In our eagerness to harness nature, we went a few steps, and a couple of tractors too far.

150 years ago, we learned how to use NBS to feed ourselves, now it is time to use NBS to feed the planet.



Klimatilpastning.dk: New lake prevents flooding of private homes

COMBINING GREEN AND BLUE PARKS



Klimatilpastning.dk: Creative climate mitigation creates exciting city park in Viborg

HEATHS AGAINST HEAT(ING OCEANS)



Klimatilpastning.dk: Protection of Dragør against rising oceans

NOW, MOOR IS MORE!



Klimatilpastning.dk: New wetlands climate secures big parts of Hjørring



WHAT ABOUT THE FOOD?

**“What is lost
on the
outside,
must be won
on the inside”
(1)**

*Interestingengineering.com: Denmark's Wind-Powered Vertical Farm Will Produce 1K Tons
of Greens a Year*

(1) Now you can add me to the list

Thank you for your time and attention



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