



Hofor, BIO4 / 2015 - 2019

While working at Gottlieb Paludan Architects I have taken part in the winning competition proposal for a new bio-mass fuelled power-plant, which is expected to be completed in 2020. It is set to punctuate Copenhagen's ambition for being the first CO₂ neutral capital in the world. **The building's façade, clad with thousands of debarked wooden poles forms a gentle yet significant addition to the skyline.** Glistening silver, the trunks open the power-plant up to the city, whispering stories of its innovatively green technology and inviting citizens to take a closer look.

'The idea was to capture the essence of a forest as place, while at the same time communicate bio-mass as a new and sustainable fuel-source, providing both heat and electricity to the city. The poles work together to form a façade that is experienced as a sequence of surprising spatial episodes, both from a distance, and from up-close' explains Creative Director Jesper Gottlieb, *'the FSC®100% certified poles have a life-time of over 25 years.* The idea of forest is also intrinsic to the master-plan, where an intensive planting strategy of indigenous species creates a lush and green expression to the facility, as well as contributing to the narrative of its sustainable transformation.

The building becomes both a landmark and a destination for sustainability, city-dwellers and tourists are invited to wander up amongst the trunks and observe the technology that drives the power-plant. This public route culminates in a garden-platform where visitors can learn about the plant's process, and sustainable energy production, while enjoying a unique view over Copenhagen. *'In the end we are telling a story, a story you can move around in, the story of the forest, and the story of sustainability.'* says Jesper Gottlieb.

INFO

TYPE

Work, two-stage invited competition

OFFICE

[Gottlieb Paludan Architects](#)

FUNCTION

Bio-mass fuelled power-plant

CLIENT

[HOFOR](#)

PRIZES

1st prize

DESIGN

2014 to 2015

SIZE

12.000 m²

TEAM

[Gottlieb Paludan Architects](#)

[Møller & Grønberg](#)

[Speirs + Major](#)