



City of Bergen



City of Trondheim

Holzbau Nordic 25.September 2014. Hilde Bøkestad, Chief planning officer of Trondheim

Bridging the gap

The wooden cities of Trondheim and Bergen



Foto: Helén Eliassen

The storyboard of the city



City of Trondheim

The warehouses are characteristic for Trondheim. The one's along the river are oldest and best preserved in Trondheim, stemming from late 17th century.

The storyboard of the city



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Foto: UiB



Bryggen in Bergen is a World Heritage Site – a part of the Hanseatic League's trading empire from the 14th century to the mid-16th century.

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The connection to water and trade

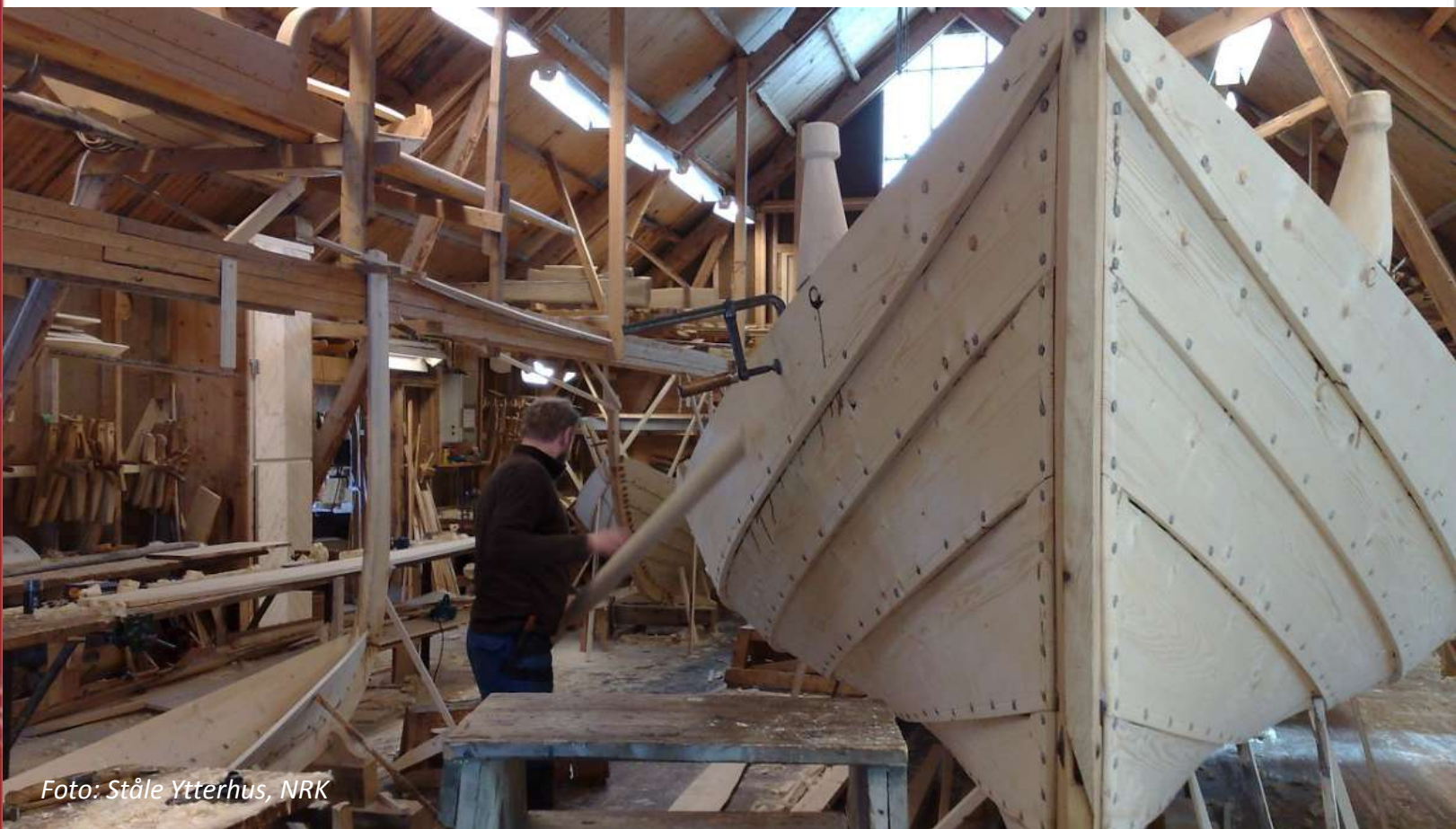


Foto: Ståle Ytterhus, NRK



The boat builders from The Coastal Heritage Museum in Rissa north of Trondheim are well known internationally for their expertise on traditional craftsmanship.

Foto: Ståle Ytterhus, N

The connection to water and trade



Scene:

Photo: P.M Reigstad

Statsraad Lehmkuhl on its way out from "Bryggen" in Bergen.



The attitude of repairment and redesign



Foto: Randijaa/Flickr



The area Svartlamoen in Trondheim is defined as a heritage and experimental area. Reuse, redesign and new building technology is tested in the area.

The attitude of repairment and redesign

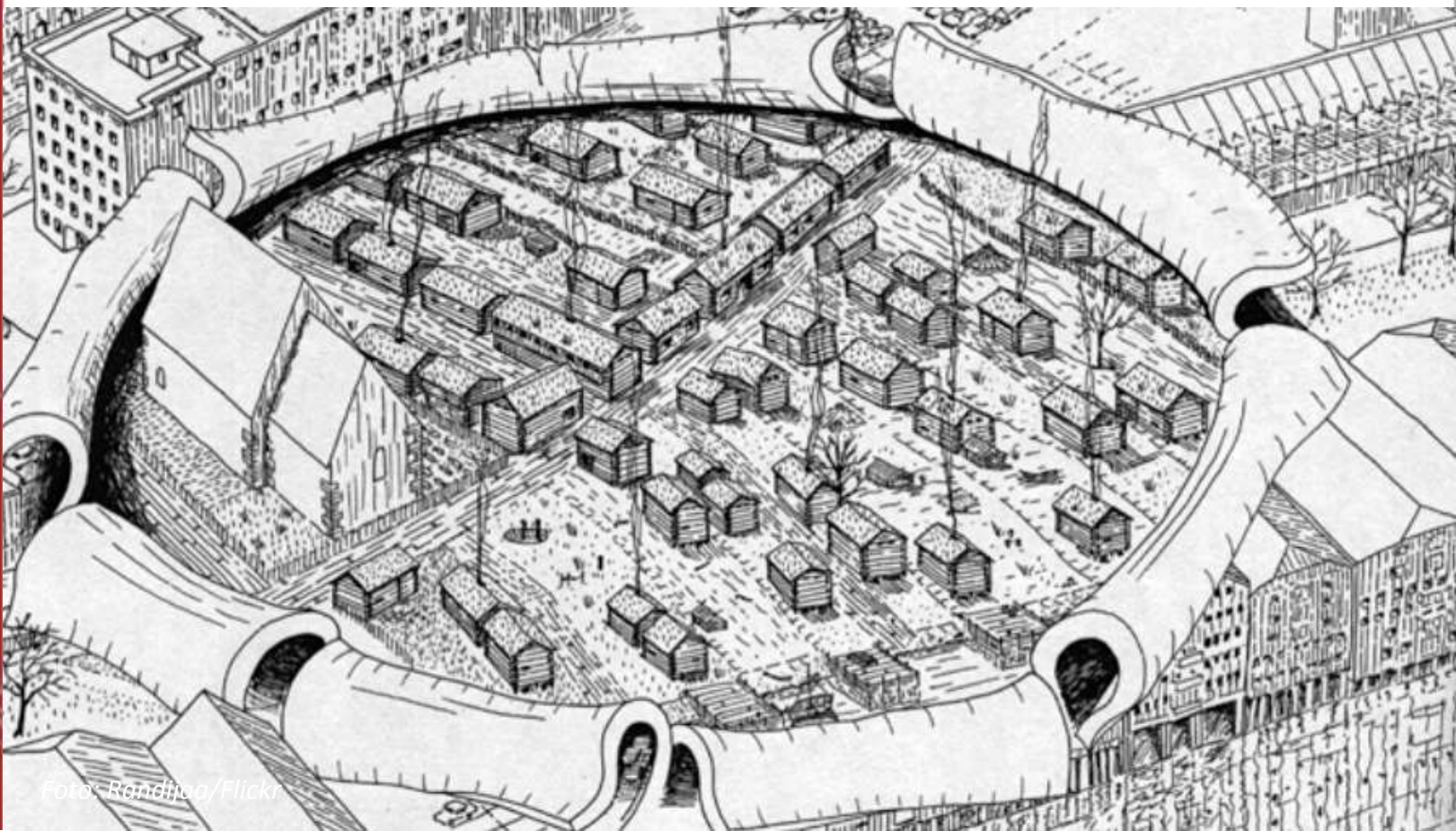


Foto: Ståle Ytterhus, NRK



Nøstegaten 65A in the Nøstet area – Pilot project by OPA Form architects. Restoration and building of new housing. Passive houses of massive wood.

The treasures under our feet



Foro-Rondino/Flickr



A millennium of experience lies under our feet. Though wooden remains are difficult to preserve, the knowledge of earlier times are put together bit by bit.

The treasures under our feet



Nøstegaten 65A in the Nøstet area – Pilot project by OPA Form architects. Restoration and building of new housing. Passive houses of massive wood.

The dramatic events of wooden cities



Foto: Randijaa/Flickr



7th December in 2002 a whole block was caught on fire. After 2000 it has been six fires, the lastest on the national day in 2007. Three warehouses were lost.

The dramatic events of wooden cities



Foto: Ståle Ytterhus, NRK

In 1702 all of Bryggen was lost and rebuilt. Early 19th century the old buildings were torn down, but the fire in 1955 changed peoples opinion.



Out of the ash the new arise



Foto: Roar X/Panoramico



Team 3 architects won the architect-competition and the building was finished in 2006. Lots of protests. A wooden construction. Not total solid wood.

Out of the ash the new arise – or not?



A hotel was built around 1980 in concrete and bricks, and integrated into the structure of “Bryggen”. Designed by architect Øyvind Maurseth.

Combination of old and new



Pilot project in Kjøpmannsgata 11 - early stage muck-ups for testing daylight situations and construction principles in the old warehouse, by Geir Brendeland

Combination of old and new



Foto: 3RW



City of Bergen

The tourist-road projects has made it possible to discuss landscape, architecture and traditions vs. modernism in a new way. Here at Flydalsjuvet by 3RW

Materials matters



Foto: Rake



City of Trondheim

Rake Showroom was made by the initiative "Trestykker", and reused materials from another building that was to be demolished in the area.

Materials matters



The massive wood elements for Ulsmåg school in Bergen are supplied by the company Massivlust of Kaupanger in Sogn. The school is designed by Ola Roald.

Public buildings for the future



Haukåsen is the first kindergarden with BREEAM certification in Norway. Finished in 2013, designed by Pir II architects and constructed as a passive house.

Public buildings for the future



Foto: Asplan Viak



Søreide Primary School in Bergen, designed by Asplan Viak has focused on low-carbon materials, built in wood in passive house standard. Opened in 2014.

Challenging the limits



In 2013 the main office for NINA was opened. The World Architecture News award was given Pir II architects for using wood in architecture.

Challenging the limits



The worlds tallest wooden house with apartments, 14 stories high, is erected in Bergen. It is designed and calculated by Artec Project team, and opens in 2015.

Building for people



Moholt 50|50 - housing for students. Focuses on wooden constructions, mixed use, low energy use and public transportation/bikes. MDH architects ++

Building for people



Ådland ZEB area will be an area made of wood with 500-800 housing units, situated near one of the stops on the Bergen Light Rail service to Flesland.

Artistic Wood



Illustrasjon: Pir II arkitekter



The line between art and architecture is challenged. New expressions in, and use of, urban space is inspiring. Art Hotel Norway opens this weekend.

Artistic wood



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The annual Bergen International Wood Festival is an established event. This sculpture made by artist Hilde A Danielsen in 2010 was moved to Aarhus

Testing and innovating – in CityLabs



“Tremenningen” with the wooden stairs and pier, is made by architect-students at NTNU (studio Beta). They are new places for people to experience the city.

Testing and innovating – in CityLabs



TubaKuba opens at the mountain Fløyen above the city centre, made by BAS-students. A place to stay for a night. Made of burnt wood "Shou sugi ban"..

Back to basics



The embedded knowledge of the surface, smell, sound, light, colour, warmth and overall feeling of wood is deeply anchored in the Norwegian people.

Back to basics



We still know how to build, use and live in these kind of buildings.
But we need to practice, combine and develop the knowledge.



Yes!
Why not?

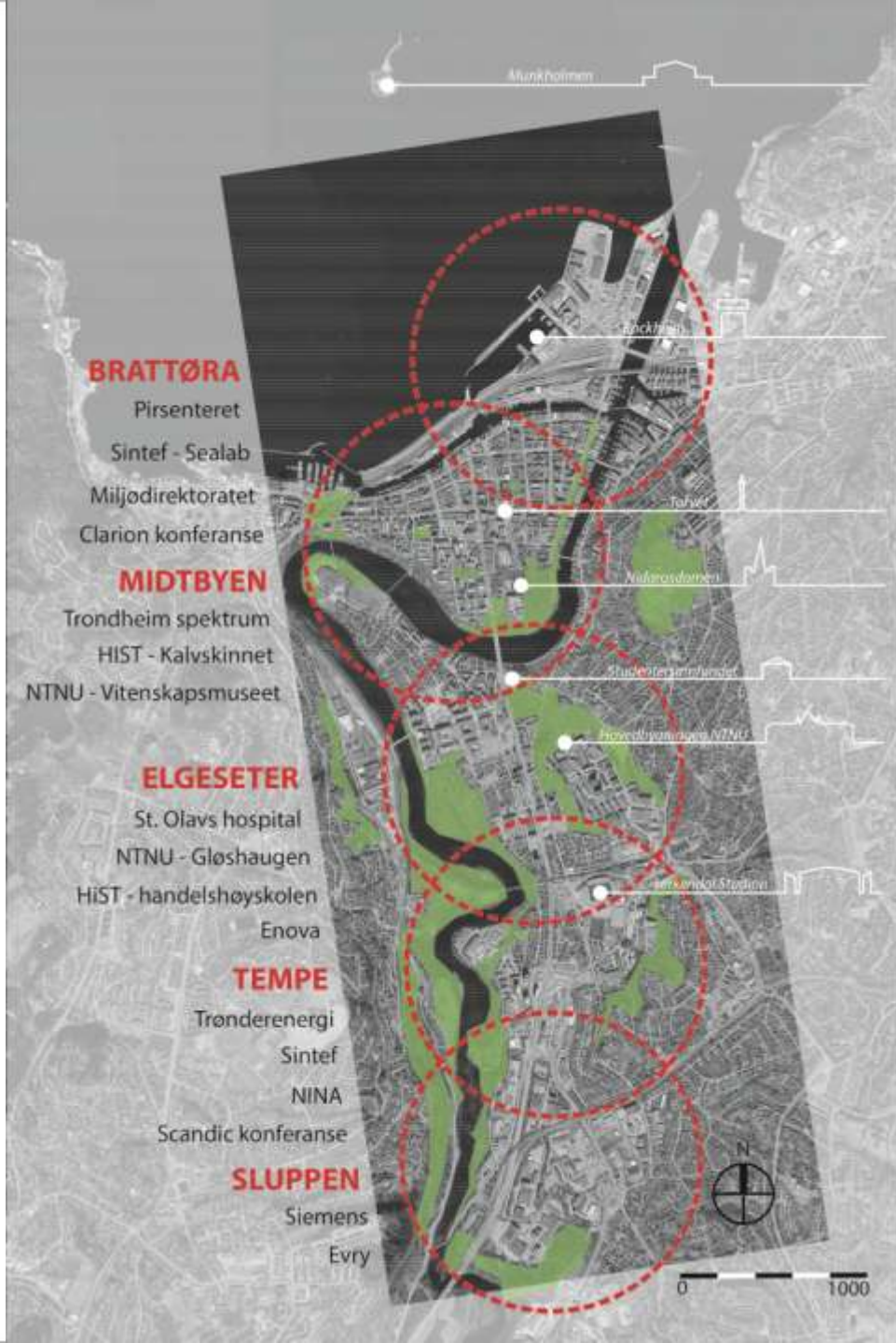
NTNU: Slik er universitetets hovedbygning, Glashaugen Campus, ul. Byplansjefen vil ha mer bruk av fine i større bygninger og i bym...

FOTO: MENTZ INDREGAARD / NTNU INFO

Nye NTNU kan bli et trebygg

Om byplansjefen i Trondheim får det som hun vil.





Yes!
Why not?

