The studio will be conducted on the Europan 13 competition in Trondheim, hosted by Trondheim Havn and Trondheim Municipality. Europan is an implementation competition for architects under 40. The 2015 announcement seeks innovative urban and architectural projects with the theme of “The Adaptable City.”

Trondheim is a growing city on the fjord and has great potential for urban densification along its waterfront. Hence, the harbor and city of Trondheim have chosen Strandveikaia as a site for the Norwegian competition. As part of greater Nyhavna, the area is characterized by distinctive waterfront architecture, including the port and WWII structures as well as the Ringnes/Dahls brewery. Present and new actors can act as catalysts for the urban development of Nyhavna. The main design task is to develop Strandveikaia into a lively urban quarter, in which new and existing structures, port and city can thrive and interweave.

Many of the buildings on Strandveikaia were built during WWII and are part of a protected cultural heritage district. Originally used as changing rooms, workshops, and warehouses, today they house a mix of urban pioneers such as artist studios and cultural institutions. The brewery plans to create a national center for beer culture, integrating a pub, beer garden and micro-brewery. Themed on brewing, the center has the potential to become an engine for urban life in Nyhavna.
Based on the history and genius loci of Strandveikaia, the studio will develop concepts for a diverse urban waterfront that relates to its built and natural context, by respecting the idiosyncrasies and many identities already present on the site. The water landscape serves as living place, the harbor as a transition area, and the historic ensembles as reminiscence. These spaces as well as the special scenery on the fjord give opportunities for a variety of public places, architectural design, atmospheres and sensual experiences on Strandveikaia.

In line with the competition brief, the studio will elaborate urban design and architecture proposals for the urban transformation of Strandveikaia as well as its connection to the water and surrounding areas. Major themes will be the activation through a mixture of formal and informal, traditional and modern, large and small scale interventions. The existing qualities of Strandveikaia and along the water can be enhanced in a number of ways. Warehouses can be converted into public centers, port structures adopted as temporary spaces, harbor piers adapted for recreational activities, and new buildings can fill empty lots or be wrapped around preserved buildings.

In the future, Nyhavna and Strandveikaia have to be reconceived as a connective place, where the past merges with the future and the city meets the fjord. The goal is to design an adapted urban waterfront that becomes a vanguard complement to the city’s more traditional identity. Europan asks for visionary projects to become real and to foster the debate about the adaptable city and novel spaces on the water.
Distinctive waterfront architecture characterize Strandvekaia and the Nyhavna harbor area

COURSES
Studio AAR4605 Urban Design and Architecture (15 ECTS), www.ntnu.edu/studies/courses/AAR4605
Seminar AAR4905 Urban Lab (7.5 ECTS), www.ntnu.edu/studies/courses/AAR4905
02.02. - 29.05.2015

INSTRUCTORS
Prof. Kerstin Höger, architect and urban designer, kerstin.hoeger@ntnu.no
Ass. Bjørn Inge Melås, bjorn.inge.melas@ntnu.no

LANGUAGES
English (official), Norwegian, German et al.

EXCURSION SWITZERLAND
Optional one week in march

EUROPAN COMPETITION
Early February launch
Late June entries
www.europan.no
www.europan-europe.eu
METHOD & OBJECTIVES

The studio and integrated project course are structured into five interrelated streams.

Stream 1: Mappings & Imaginations
We will explore Strandveikala and its context with field studies, mappings, and imaginations. The aim is to investigate the history, characteristics, atmospheres, spatial structures and activities on our site. Constant interpretations of our inventory will inform the design process.

Stream 2: Visioning, Projecting & Designing
The design process will begin with a visioning phase. Based on the site interpretations, you will propose ideas for the development of Strandveikala, by reconciling existing and new structures. Your visions will then be further developed into design concepts, strategies, and proposals throughout the semester. First, we will work on an urban design scale of 1:1000 to 1:500 and create proposals for the transformation of Strandveikala into a mixed urban waterfront. Secondly, we will elaborate typical areas on an architectural scale of 1:200 to 1:1 to show the main characteristics of the urban projects.

Stream 3: Explorations & Research
Our research efforts will concentrate on the theme of the adaptable city, by exploring transformation strategies of former industrial districts and buildings. In the integrated lab course, we will critically study exemplary urban design and architecture projects as references for our studio work.

Stream 4: Visualizing, Scripting & Documenting
Throughout the semester, you will produce adequate visualizations and write a script about your design and research project. This will help you to guide and document the progress of your work.

Stream 5: Lectures & Readings
A lecture series will provide a broad perspective on contemporary urbanism and architecture. It will include introductions to the studio and seminar topics, inputs from local actors and experts, as well as presentations and readings on relevant urban design and architectural issues.

LEARNING OUTCOME
The learning objective is to gain advanced skills and experience in urban design and architecture, concept development, visionary and strategic thinking, and visualization and presentation techniques. These will enable students to tackle complex urban challenges and to synthesize their ideas and knowledge into a design project. The studio and integrated lab seek to provide a comprehensive package linking design, research, theory and practice.
THE ADAPTABLE CITY
WELFARE STATE - SELF-ORGANIZATION
SEGREGATION - SHARING
OBJECT - PROCESS
www.europan-europe.eu
Carl Andre, Eight Reversed Steel Corner, 1978, Nationalgalerie Berlin – minimalist art adaptation
Imi Knoebel, Raum 19, 1968, Dia Beacon – 77 raw wood and fiberboard pieces that await future deployment and reconfiguration
Lina Bo Bardi, SESC Fábrica de Pompéia, São Paulo, 1977-86
– a forerunner for the conversion of industrial buildings and districts
Gigon Guyer, Löwenbräu, Zürich, 2003-14 – interaction of existing and new structures
Badeschiff, Arena, Berlin, 2004 – bottom-up interventions as urban catalysts
CONTEXT, SITE AND TASK
TRONDHEIM
NYHAVNA
STRANDVEIKAIJA
The city of Trondheim wants ideas for Strandveikaia, a site part of the greater Nyhavna harbour area. Distinctive waterfront architecture including WWII structures characterize the area and also provide a tremendous resource for a wide range of actors in culture, innovation and nightlife. A brewery on site, Ringnes, plans for a national centre for beer that can be the starting point for a new ecosystem of new urban life. How can the city create an urban space that acts as an engine for the transformation of the rest of the Nyhavna, adapting to sustainability and a growing Trondheim population?

**CATEGORY:** Urban and architectural

**SITE:** Confirmed

**TEAM REPRESENTATIVE:** architect/ landscape architect/urban planner

**LOCATION:** Nyhavna, Trondheim, Norway

**POPULATION:** 180,000

**STRATEGIC SITE:** 41.9 ha

**SITE OF PROJECT:** 5.5 ha

**SITE PROPOSED BY:** Trondheim havn IKS

**OWNER OF THE SITE:** Trondheim havn IKS, Trondheim Municipality, Ringnes AS

**COMMISSION AFTER COMPETITION:** Commission for planning and/or building commission (for new building, transformation, rehabilitation)

**CITY STRATEGY**

The Europan site is strategically important for Trondheim. Nyhavna sits next to “Midtbyen” the city’s urban core area. There is an ongoing planning process aimed at defining the municipality’s strategy for urban development of these harbour areas. This planning process has taken some time. The main concerns have been the long term planning of future harbor activities in the area in combination with the long term development of Trondheim city. The municipality and the harbor company have collaborated well during the planning process. General guidelines has now been established, and a master plan proposal will be presented to the politicians of Trondheim this year.
HOW CAN THE SITE CONTRIBUTE TO THE ADAPTABLE CITY?

The city of Trondheim wants ideas for Strandveikaia, a site part of the greater Nyhavna harbour area. Decaying waterfront architecture including WWII structures characterize the area and also provide a tremendous resource for a wide range of actors in culture, innovation and nightlife. A brewery on site, Ringnes, plans for a national centre for beer that can be the starting point for a new ecosystem of new urban life. How can the city create an urban space that acts as an engine for the transformation of the rest of the Nyhavna, adapting to sustainability and a growing Trondheim population?

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The Strandveikaia site is strategic since it contains buildings that the harbor company itself owns. These are also buildings with short term contracts, meaning they can be easily be part of a first phase engine for the overall development of Nyhavna. The brewery is currently reorganizing, moving out its soft drink production and focusing entirely on beer brewing. The brewery wants to build on this by creating a national centre for beer culture with a restaurant and spaces for micro brewing. The majority of the buildings on site are part of a protected cultural historical building district. Built during the war by the Germans (together with the bunkers, defence systems etc.), the Strandveikaia buildings contained changing rooms and warehouses. Current use is a mix of artist studios, cultural institutions and storage. There is a wish to keep the buildings and build new ones, creating a unique zone facilitating a wide range of activities. The road going through the site today can possible be re-routed south of the brewery reducing the traffic on site.

ADAPTABILITY . MAIN ELEMENTS TO TAKE INTO ACCOUNT
A large potential can be realized by developing Strandveikaia. The existing buildings represent an important resource and new buildings can contribute to the creation of a unique area in the city, mixing old and new architecture. An important task will be to examine how the waterfront can be developed over time (Object vs. Process), considering different scales of interventions, temporary programs etc. The area can be seen as a game board where several initiatives can be taken simultaneously. There are currently three participants on this game board: The harbor company (site owner), Trondheim Municipality (regulating authority) and Ringnes Brewery (site owner). The competition should envision how new actors can become a part of the future of this area.

POSSIBLE PROGRAM
Ringnes / EC Dahls production facilities
Future national beer centre
Cultural heritage buildings
Dora I WW2 bunker
Micro-brewery
Public bath
Beer garden
Pub
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METHOD AND OBJECTIVES

MAPPING AND VISIONING
Inventory
Concepts

DESIGNING
Urban design 1:1000
Architecture 1:500-1:1
Transformation strategies
Impressions

EXPLORING
Adaptability
References

SCRIPTING AND PRESENTING
Visualizations
Documentations

READING AND LECTURES
Inputs
Open Campus, perspective
Tabakfabrik, impression
EXCURSION SWITZERLAND

ZÜRICH
LÖWENBRÄU
MAAG-AREAL
ESCHERWYSS-AREAL
TONI
FRAU GEROLDS GARTEN
HÜRLIMANN
EUROPAALLEE

BASEL
NT-AREAL
GUNDELDINGERFELD
RHEINHAFEN
WARTECK

WINTERTHUR
SULZER-AREAL
COURSES
AAR4605 URBAN DESIGN AND ARCHITECTURE 15 ECTS
AAR4905 URBAN DESIGN LAB 7.5 ECTS

INSTRUCTORS
PROF. KERSTIN HÖGER
VIT.ASS. BJØRN INGE MELÅS

STUDIO AND LAB
02.02.2015 START
29.05.2015 END

EXCURSION SWITZERLAND
PLANNED ONE WEEK IN MARCH 2014

EUROPAN 13 COMPETITION
EARLY FEBRUARY LAUNCH
LATE JUNE ENTRIES
WWW.EUROPAN.NO