Introduction

AAR4680 CIRCULAR STUDIO Buildings

Autumn 2024



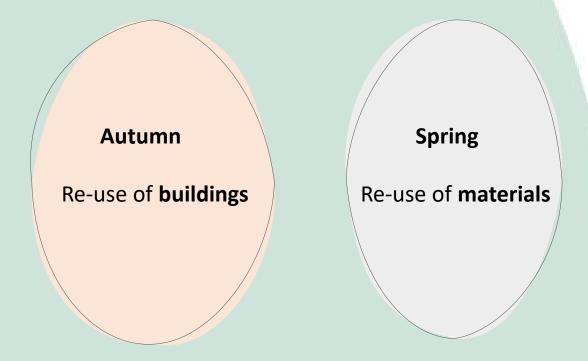
Introduction

AAR4680 CIRCULAR STUDIO Buildings

Autumn 2024

Circular studio deals with fundamental discussions about the role of the architect, critical thinking and exploration of the potential of architecture as a discipline in an era of climate change, resource consumtion and destruction of nature.

As student you will be presented for various perspectives and methods, both technological, humanistic, and artistic, as part of developing a *circular architecture*.



Autumn

Re-use of buildings

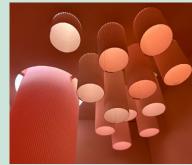
Building preservation and transformation
Architectural design with light and colour
Making is Thinking
Integrated energi design

7,5 SP Theory courses

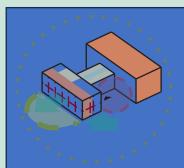
Track 1
Building
preservation &
transformation



Track 2
Architectural
design with light
and colour



Track 3
Integrated energy design



Track 4
Making is
Thinking





Once upon a time, buildings were moved to where they were needed in Norway



The fishing boat MK Kveldsol is towing firherman Birger Rasmussen's house from the north side of Kasfjorden in Troms to the south side during a relocation in August 1952. Photo by Karl Mikaelsen, Sør-Troms Museum.

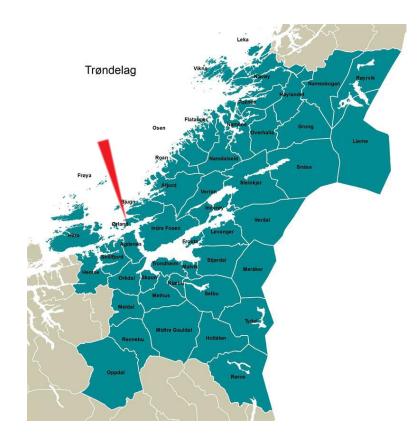


When we abandoned this tradition, we ended up here: there are between 100,000 and 200,000 abandoned homes in Norway (SSB). The number of cold houses is much higher but has never been attempted to calculate.

If we are to make a significant contribution to the national climate account while simultaneously preserving the country's built heritage, this resource must be utilized as an alternative to building new.







Ørland has had a military airbase since the Sceond World War

I 2012 the Norwegian Parliament decided to concolidate most of the country's fighter jet forces at this location.

Almost all new F35 fighter jets will be stationed in Ørland.



Military development in Ørland



Track 1

BUILDING PRESERVATION & TRANSFORMATION Jon Nordsteien / Trond Eide

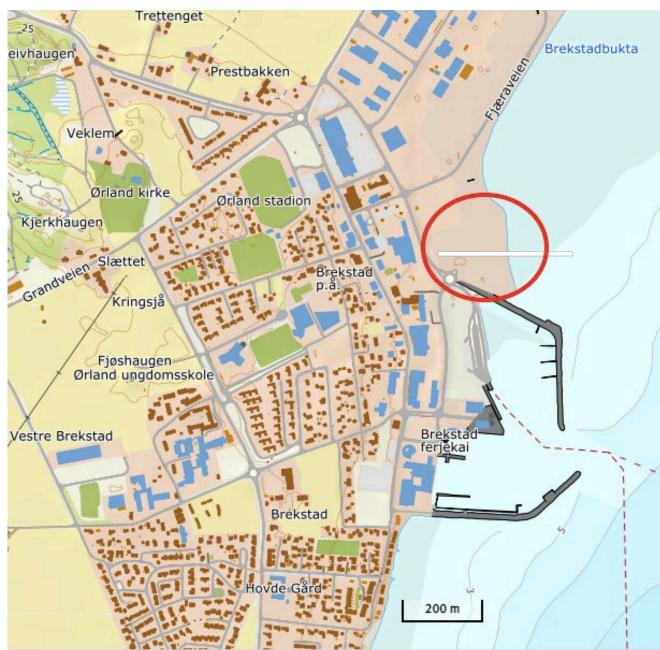




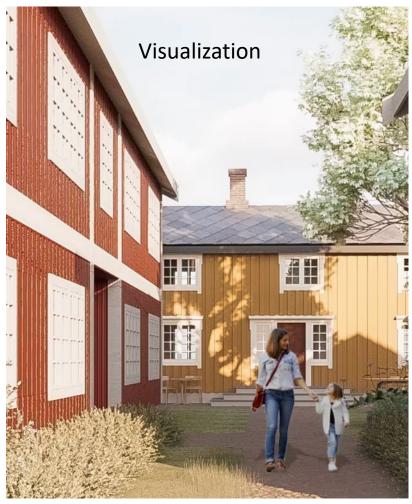
NEW NEIGHBOURHOOD OF RELOCATED AND PROTECTED HOUSES IN DOWNTOWN BREKSTAD

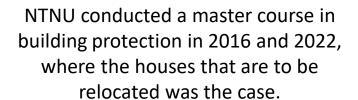


















THE FLEXIBLE AND MOBILE BUILT HERITAGE OF NORWAY





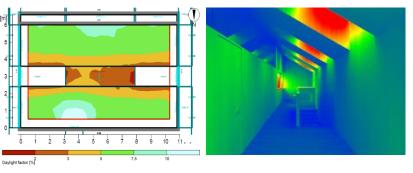


Track 2

ARCHITECTURAL DESIGN WITH LIGHT AND COLOUR Kine Angelo



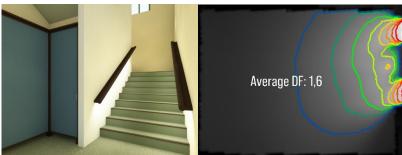
Track 2: Architectural Design with Light and Colour



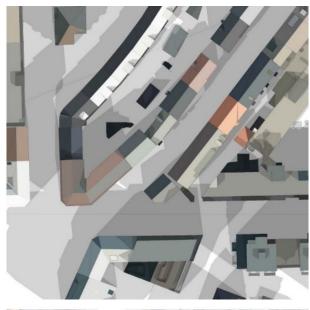


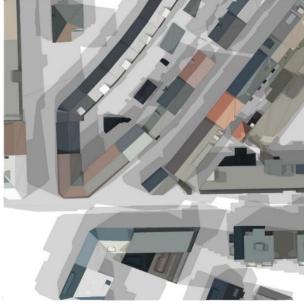












Track 2: Architectural Design with Light and Colour

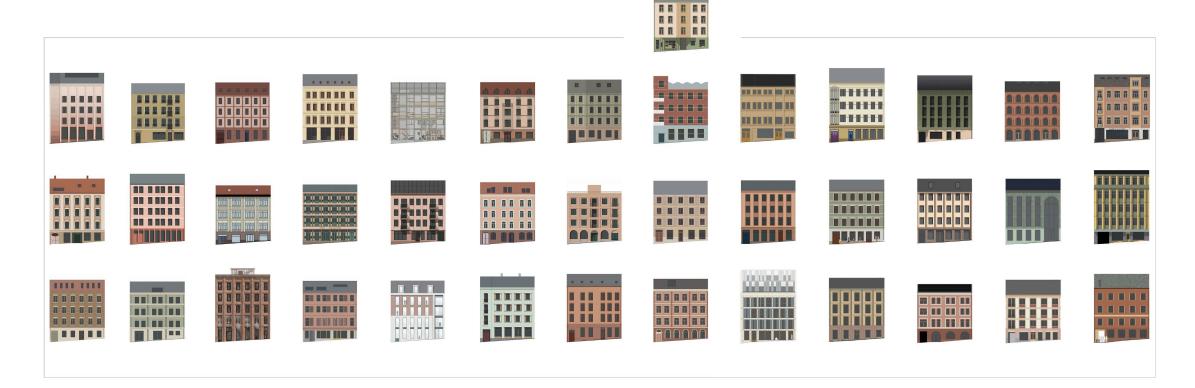






Assignment C





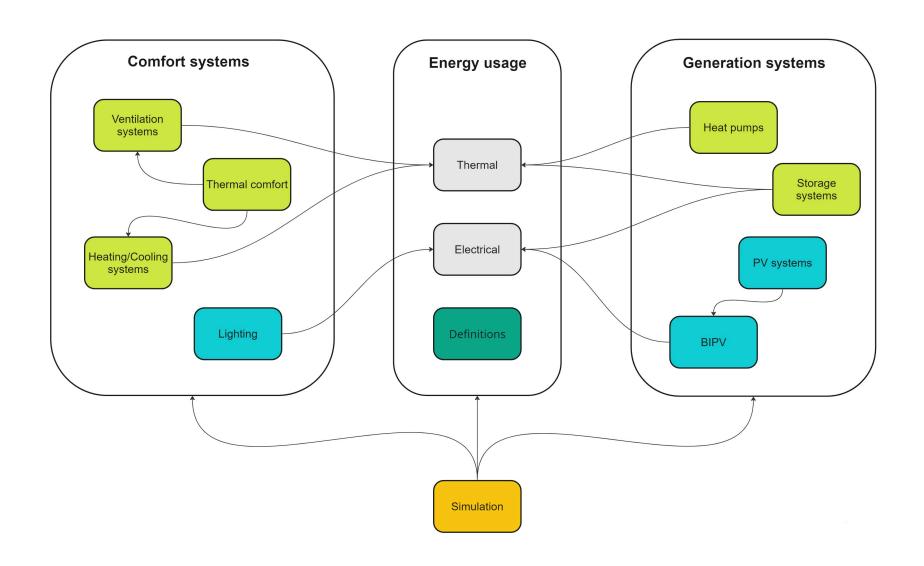
Urban infill project



Track 3

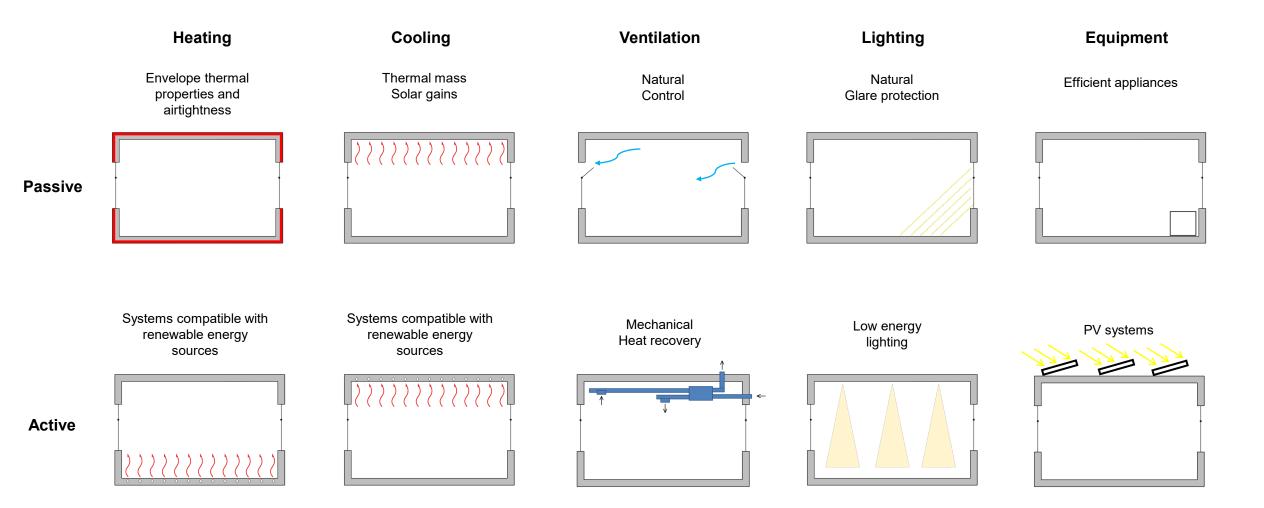
INTEGRATED ENERGY DESIGN Gearoid Patrick Lydon

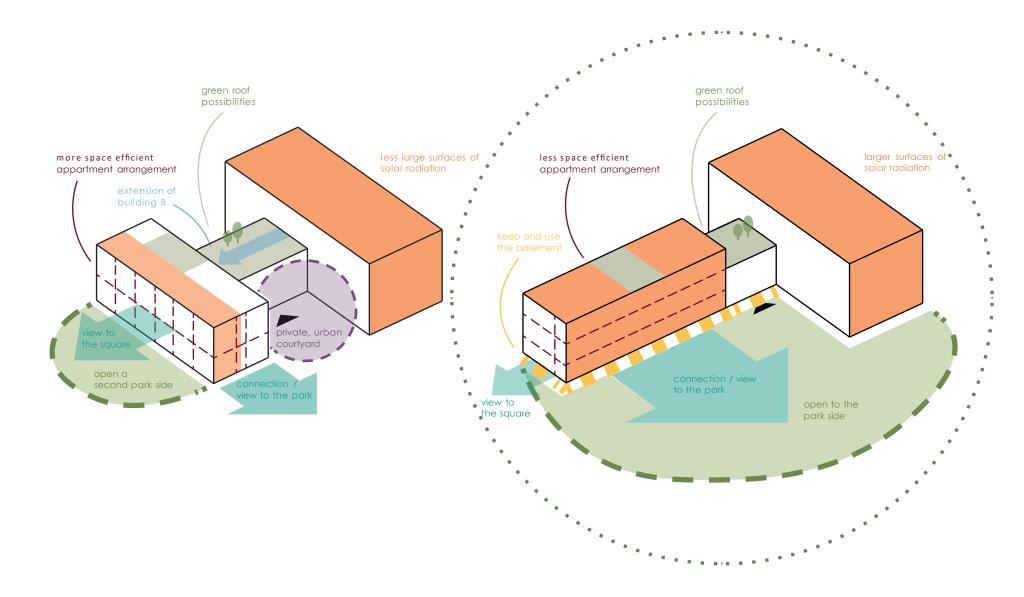




Learning outcome

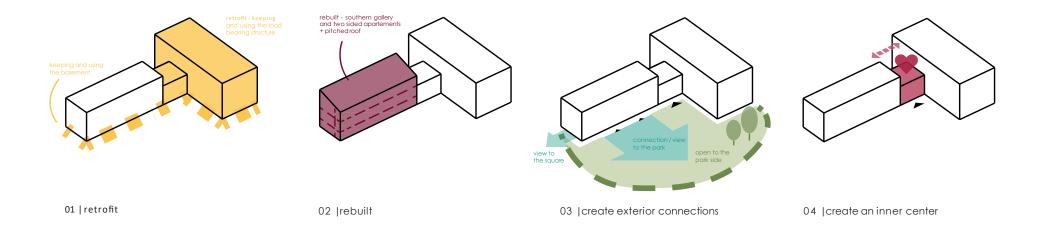
Track 3: Integrated Energy Design

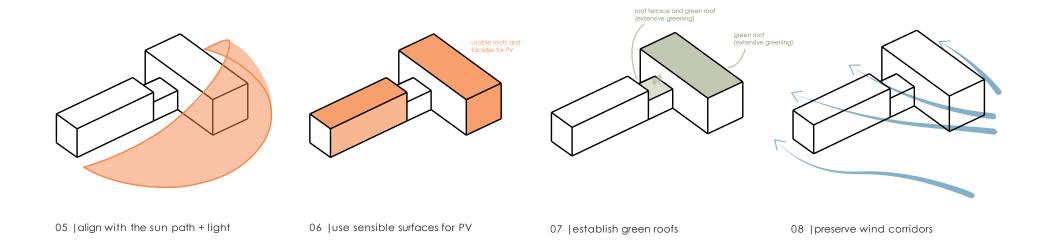




Student projects

Track 3: Integrated Energy Design





Track 4

MAKING IS THINKING Nina Haarsaker / Bjørn Otto Braaten



TRACK 4 MAKING IS THINKING

RED ZONE exploration

Through different artistic tools and methods, balancing imagination, skills and knowledge, the aim is to explore and decode the identity and potential of the abandoned landscape and farm-buildings within the Ørlandet RED ZONE.

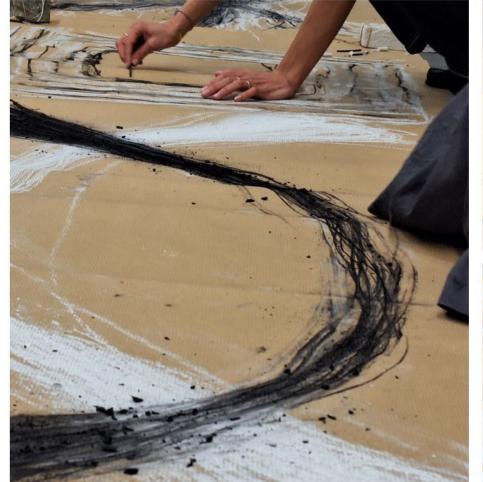






Photo from MiT workshop in Antwerpen February 2024.: "Delineate the alienated"



MAKING IS THINKING

Workshops

Through different workshops you will be challenged in open ended explorations of uncertainty and risk – not to be feared but embraced, and how you can learn from each others creative and technical competence.

Text clip and picture from MiT workshop in Antwerpen February 2024: "Delineate the alienated"





MAKING IS THINKING

Architectural design

Based on the workshop explorations, individual architectural design projects will be developed that discuss potentials and imaginary futures for the red zone landscape and its discarded inventory, in a circular architectural perspective.

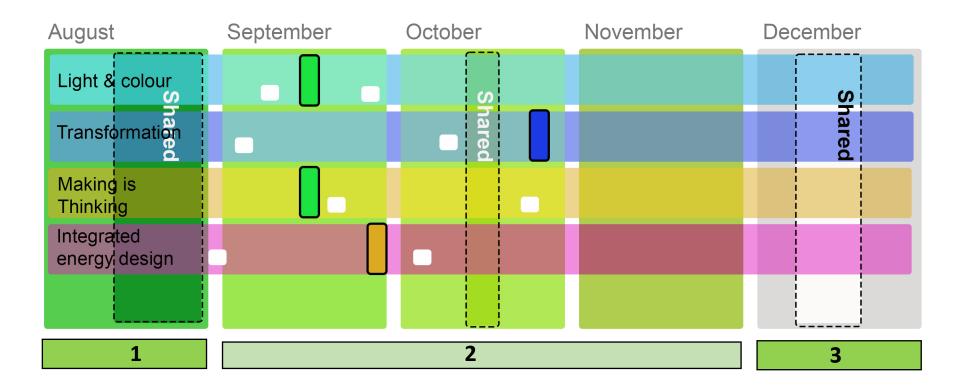
PRACTICAL INFORMATION concerning all tracks



The semester will have three phases:

- 1. Common kick-off. Here, you will receive an introduction to all theory courses that are related to the specialization areas. The theory courses differ in their schedule, some will be intensive at the beginning of the semester, while others accompany the design course throughout the semester.
- 2. Project phase, with a common mid-term event..
- 3. Common exhibition, final presentation, discussion, and critical reflections to round up the semester

Circular studio - Buildings AUTUMN



PLAN FOR START-UP WEEKS AAR4680 CIRCULAR STUDIO AUTUMN 2024

	Monday 19.08.	Tuesday 20.08	Wednesday 21.08	Thursday 22.08	Friday 23.08
WEEK 34		Introduction Trondheim	Deconstruct- ing building Ørlandet	Moving de- constructed building Ørlandet	Reconsctruct- ing building Ørlandet
		Introduction Trondheim	Deconstruct- ing building Ørlandet	Reconsctruct- ing building Ørlandet	Reconsctruct- ing building Ørlandet
	Mandag 26.08	Tirsdag 27.08	Onsdag 28.08	Torsdag 29.08	Fredag 30.08
WEEK 35		Perspective 1 Issue and workmethods Trondheim	Perspective 3 Issue and workmethods Trondheim	Exhibition / presentations Trondheim	
		Perspective 2 Issue and workmethods Trondheim	Perspective 4 Issue and workmethods Trondheim	Shared wrap- up session Trondheim	

How to apply:

- 1. You apply for AAR4680 Circular Studio Buildings
- 2. You choose priority of tracks

example:	1	Architectural Design with Light & Colour
	2	Building Preservation and Transformation
	3	Making is Thinking
	4	Integrated Energy Design



BP&T L&C IED MIT

IED

WELCOME TO

