

BUILDING FRAGMENTS AND THE TIMBER-BOX



Exploring reuse at Smøla - towards a local architecture

The **island of Smøla** is the starting point, a small community located at the northwest-coast of Norway, with only a ferry connection. A place with a history of little to no local production of building-materials. The reason for this being that the landscape is flat, covered with marshes and until recently no trees. The local inhabitants were **fishermen** who spent most of their time at sea.

I travelled there to **dig in the ground** and create locally produced materials. I got directions from locals on where to find **clay and other materials to reuse**. While working with the materials and researching the history of Smøla, I discovered that most of the **buildings** on the island **were moved there** from the fjords and mainland. Mostly **timber-buildings**, which were marked, deconstructed and then moved and reassembled. In addition to these,

buildings with **frame constructions** were moved by floats. Travelling around the island, I **photographed these houses** and found that today a significant number of them are **derelict and in decay**.

Researching the **potential** of these movable houses and **proposing a strategy** of how they can be used as both a **material resource**, and as a mode of thinking about scarcity and reuse, became the main topic of the project. To dismantle, move and **rearrange the construction**, to show how alterations in size and program could be a way to **give these buildings a future** and to **preserve knowledge** of traditional and relevant skills in building **reusable constructions**.

Project Inventory

1. The Island
2. Digging in the ground
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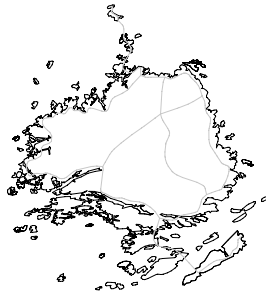
Collaged photo

1. The Island



Wideroe photography, the center of the Island from southwest

Situated just outside the northwest-coast of Norway, close to Kristiansund with the Trondheimsfjorden stretching east into the mainland. The occupation is mainly fishing, fishing-farms and farming with tourism growing stronger. The landscape is flat with the highest point of 70 meters and the ground consists mainly of marshes and stone.



2. Digging in the ground



Digging seasand from the seabed at low tide

With an interest and curiosity of making locally sourced materials I travelled to Smøla starting to dig in the ground, reuse materials I could find and rearrange them into 1:1 tests.

3. Exploring the built



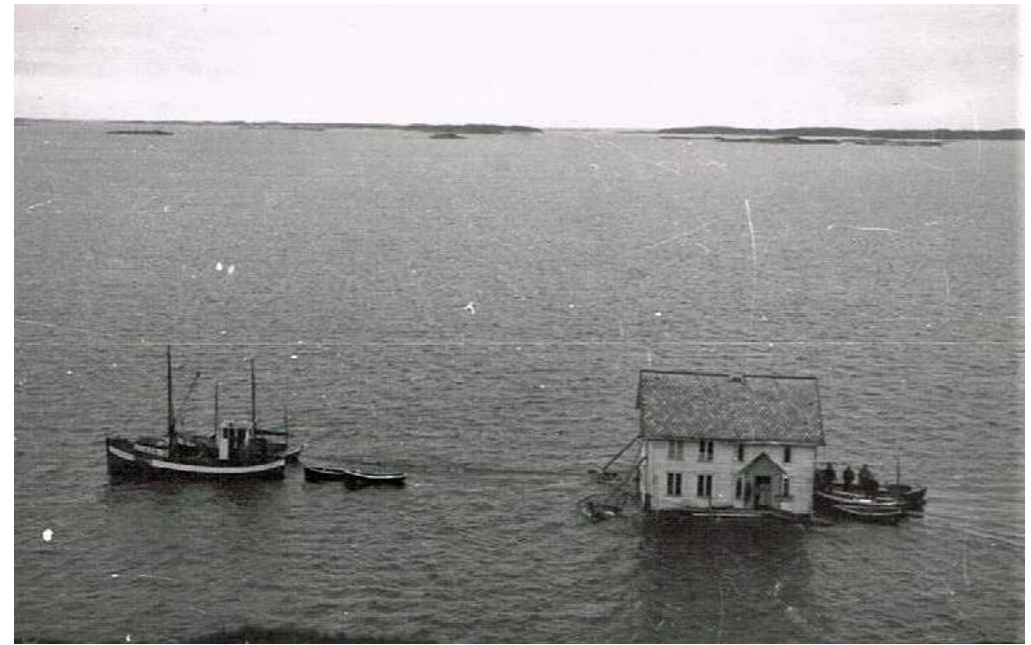
A timberhouse and a barnhouse



Documenting the construction

Travel and photograph. I traveled around the Island to document and get a more precise overview of the esthetics and typology of the built environment and opened a wall to find the timber-construction and its dimensions.

4. Personal discoveries



Building on the move

Historically Smøla has no trees to build from, so the building culture is mainly inherited from the coast and the fjords nearby. The frame constructions in more recent times was moved by float (picture) but most of the buildings are timberhouses which have been deconstructed, moved and reassembled at the Island.

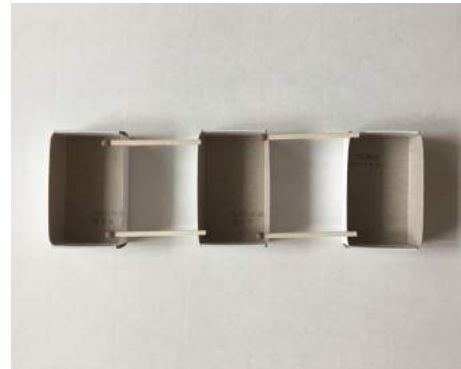
4. Personal discoveries



Timberhouse in Leirvika

A significant amount of the older timberhouses were derelict and in decay.

5. Forming a strategy



Matchbox-models



Collage: combinations of buildings

Digging materials from the ground, reusing found materials was the starting point, the discovery of moving houses was the continuation. How can these be combined and rearranged in order to create something that will have a use going forward and flexibility in regards to function and programme. To try and create something new by rearranging the decayed and abandoned.

6. Proposals





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CV education

- 2020 Spring** AHO - Open Structures: Constructive Logic
Andrea Pinochet-Lina Elisabeth Broström-Florian Kosche-Ugo Ribeiro
AHO - Photography
Mattias Josefsson-Espen Gleditsch
- 2019 Spring** AHO - Universals
Espen Vatn-Ane Sonderaal Tølfesen-Jonas Lippestad
AHO - Speculative Ideation - Hand Drawing as Medium in Architecture
Carsten Oeding Loly
- 2016 Spring** BAS - Heterotopia
Arild Eriksen-Joakim Skajaa-Jan Liesegang-Christof Mayer
- 2015 Fall** BAS - Entropy and Intent
Tristan Boniver
- 2012-2015** BAS - Year 1-3
- 2011-2012** Einar Granum Kunstfagskole - 3-dim
- 2010** Craft Certificate Carpentry
- 2003-2005** Norge and Borgund Vocational School

CV work

- 2017-** Element Arkitekter
- 2016-2017** Crux Arkitektur
- 2006-2011** Brørs Bygg AS

Tutors:

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Christopher Thomas Byrne - Architect: Exhibition
Per-Leif Bersvendsen - Architect: Layout and presentation
Åsmund Steinsholm - Architect: Layout