



ADAPTIVE RE-USE

ACE LEEUWARDEN 23.11.2018

TAPANI MUSTONEN, ARCHITECT SAFA

ARCHITECTS MUSTONEN FINLAND

ADAPTIVE RE-USE (CONSERVATION, RESTORATION, RENOVATION, ALTERATION)

PRELIMINARY WORKS, THOROUGH SURVEYS

- **Historic Surveys (stakeholders, histories, technologies, archive research, interviews etc.)**
- **Technical Surveys, contaminant research etc.**
- **Result: Building Historic Survey, architectural analyses, policies for future tasks**

DESIGN PHASE

- **Learning from the old building, LISTENING IT**
- **Understanding what the building can tolerate (new functions, technical systems)**
- **Creating a Road Map (Value classification drawings)**
- **Restoration Principles for design and implementation phases**

- **Working with a principle of LESS IS MORE**
- **Restoring THE OLD building with it's own methods and materials (usually simple ones)**

- **Knowledge of old and present building codes**
- **Interest in Construction methods, Technical Systems and Installations, old and new**

- **TIME**

ADAPTATION PHASE

- **Interest and experience in history, constructions and details**
- **Sharing information of the Object to all constructors and specialists (by motivation lectures)**

- **Interest to face problems on site and to solve those in cooperation with the builders**
- **Abilities to work with various kind of people, good TEAM spirit**
- **Good Humor, Patience**



In remote places new uses
are hard to find

Sunila Pulp Mill
Alvar Aalto 1936-39
extensions from late 1940's -





Paimio Sanatorium
Alvar Aalto 1929-33

Re-use as a hospital from
late 1960's, now waiting for
new uses and users







Old Saw Mill building, Otaniemi Campus
Alvar Aalto 1954, first building at the campus

Educational use ended in 1990's, then as a workshop,
alteration for Aalto University Information Center 2007











Malmgård Estate red brick barn from 1910's
In South Eastern Finland

New use as Malmgård Brewery 2013 production and storage
area growing



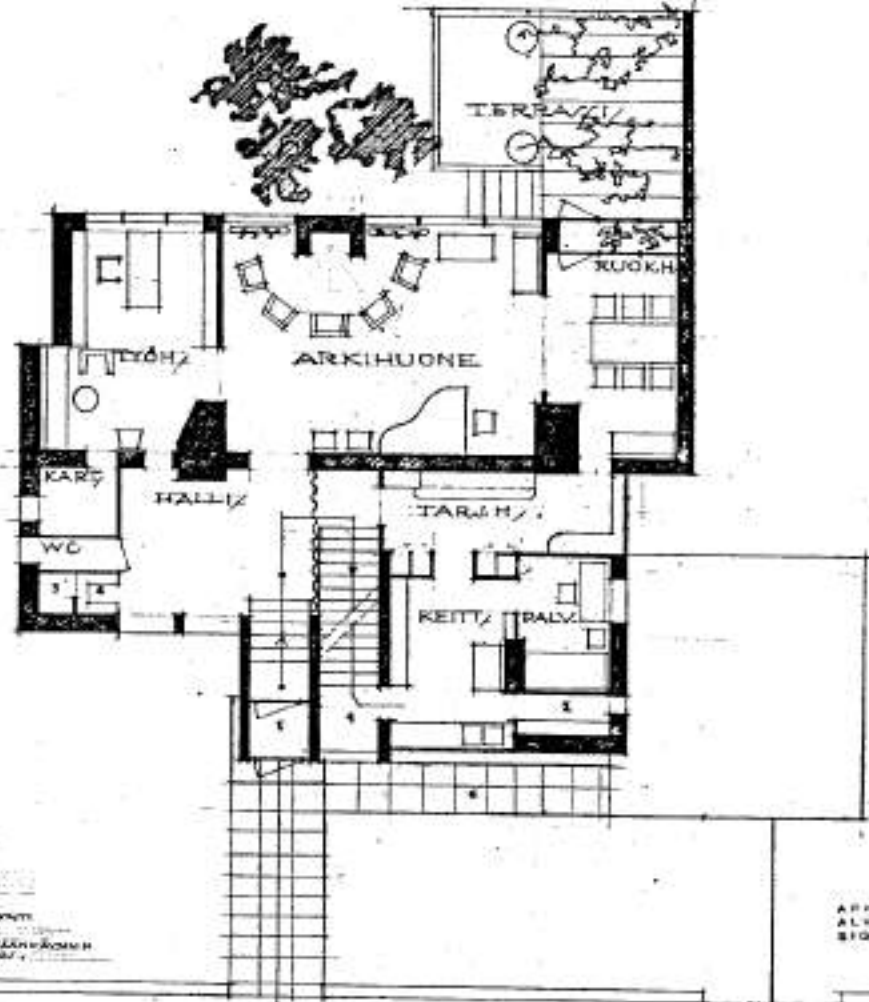




Villa Tammekann, Tartu Estonia, Alvar Aalto 1932

Tammekann family escaped to Finland 1940, house transformed for 7 families in 1950's. From 2001 a Turku University Station for University scholars in Tartu

PUIJATKATU



- 1. PÄÄLÄÄNKÄYNTI
- 2. PÄÄLÄVAATTEET
- 3. KÖYHÖ
- 4. KEITTIÖN JÄÄKÄMÄRI
- 5. RUOKAJÄLLE
- 6. AUTONLLE JÄRJELLYS

ARKKITEHTITOIMISTO
ALVAR AALTO & CO
SIGN. 28/30

villa tammekann KATU







Viipuri Library, Vyborg Russia,
Alvar Aalto 1935

Finnish library 1935-40

Soviet library 1940-41

Finnish Library 1941-44

Abandoned over 10 years

Soviet and Russian library

1962-





”It’s team work you see”
- Viljo Revell -

Thank You!

