



Softboard fastest growing 😊

- Wet production

Rigid boards 220-310kg/m³
4-25mm
building shell & underlay



- Dry production

Rigid boards 110-200kg/m³
30-300mm
Building shell & insulation

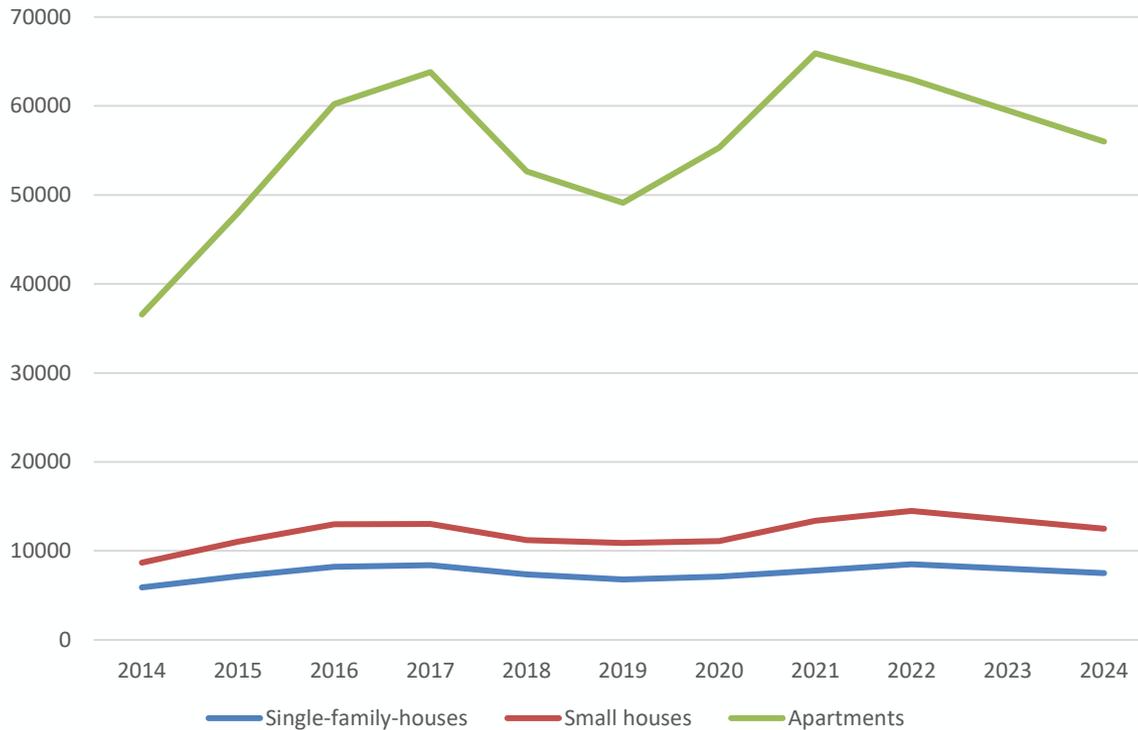


Flexible boards 50kg/m³
30-220
Insulation



Marketing forecast Sweden

Start-up Sweden



Holiday homes

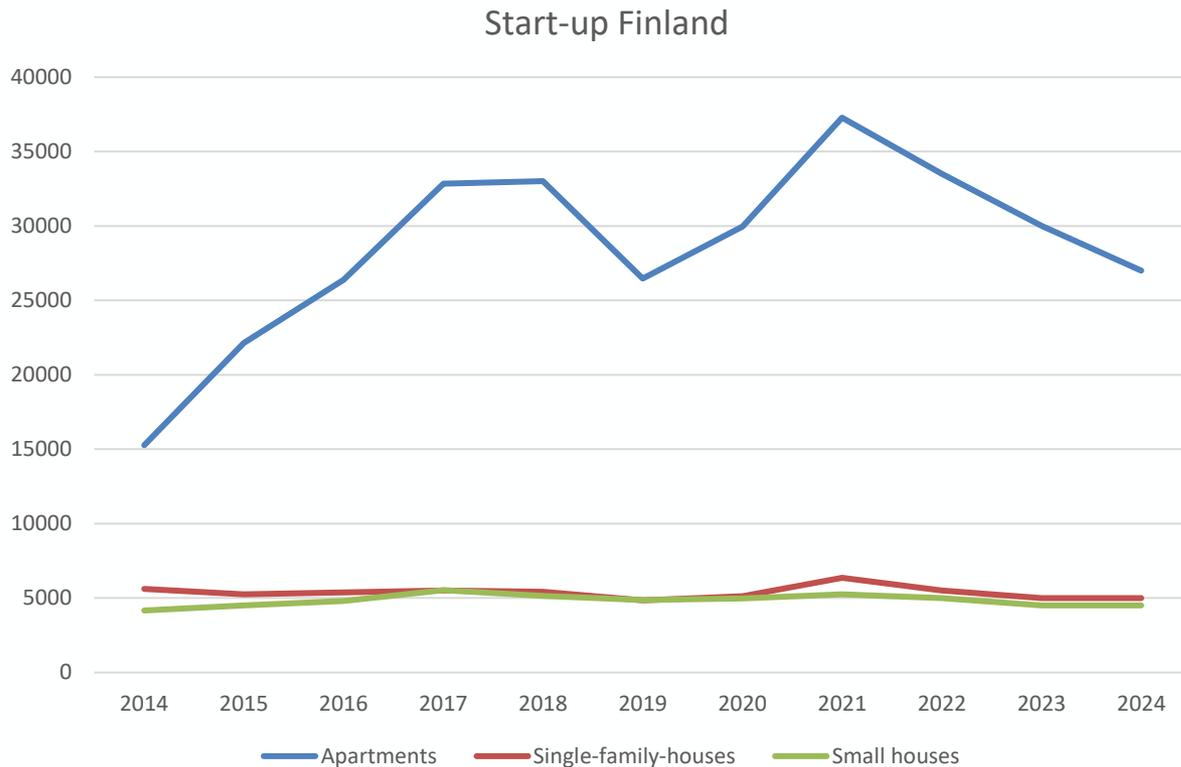
600 000 units

30-90 m²

2500-3000 yearly

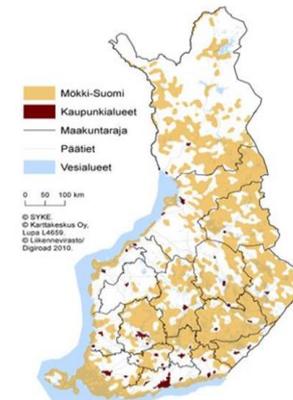


Finland



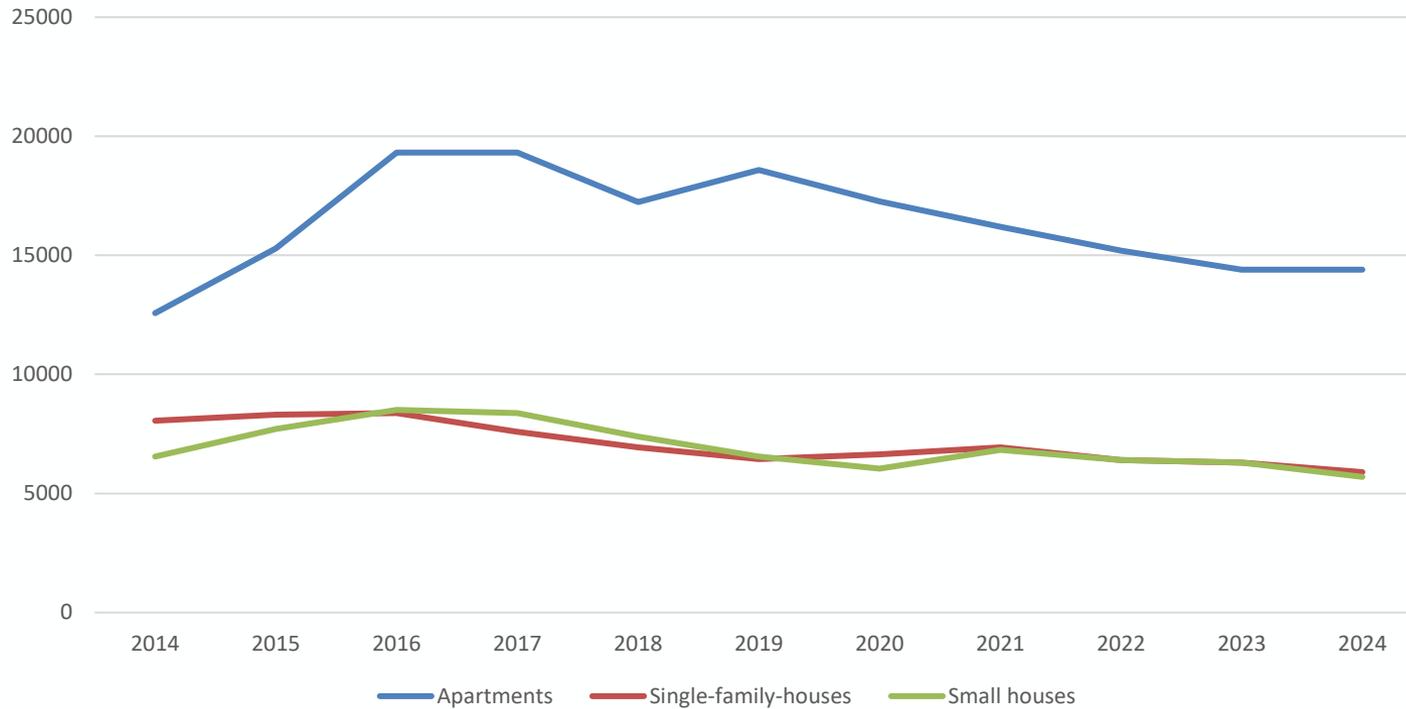
Holiday homes

- 510 000 units
- 70% between 20-60m²
- Ca 1900 yearly
- Ca 110 producers

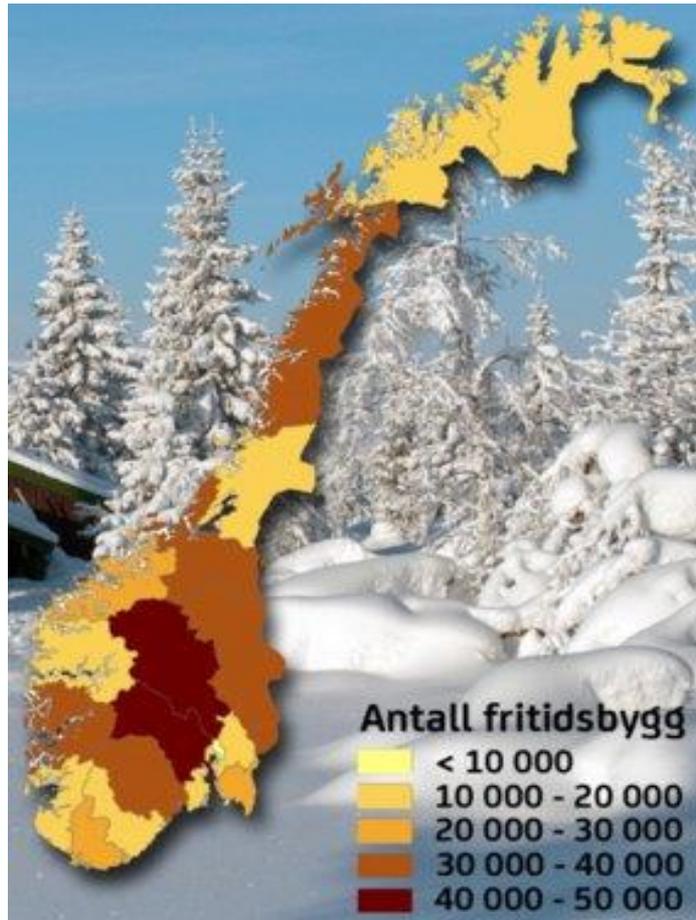


Norway

Start-up Norway



Norway – holiday homes



- 440 000 units
- 6500-7000 yearly
- -83 1600 units – 62m²
- -22 6500 units – 92m²
- 34% households 1 unit
- 8% households 2 units
- Ca 100 producers

Single family houses

Change in design.....

Built on site

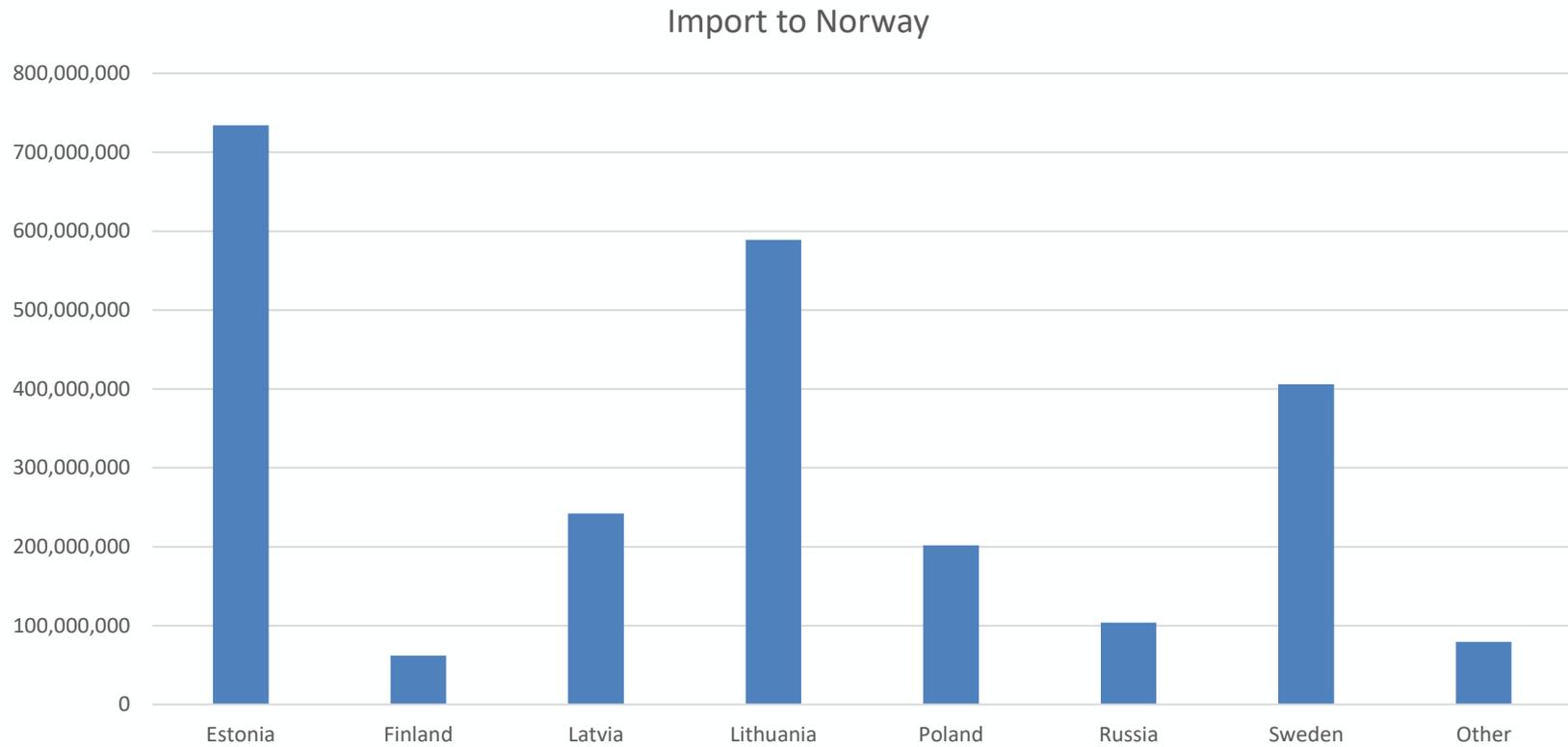


Elements & modular buildings

? % import from the Baltics



Prefab elements in Norway



UN Research states that 39% of total global emissions come from the construction sector

Global status report

Global perspectives



*Buildings and construction together account for 36% of global final energy use and **39%** of energy-related carbon dioxide (CO₂) emissions when upstream power generation is included.*

Progress towards sustainable buildings and construction is advancing, but improvements are still not keeping up with a growing buildings sector and rising demand for energy services.

*The energy intensity per square meter (m²) of the global buildings sector needs to improve on average by **30%** by 2030 (compared to 2015) to be on track to meet global climate ambitions set forth in the Paris Agreement.*

Source: United Nations.

Public buildings in wood.....

Student accommodation, Oslo



New government quarter ?



Wood Hotel, Bodø

45% less CO₂-footprint

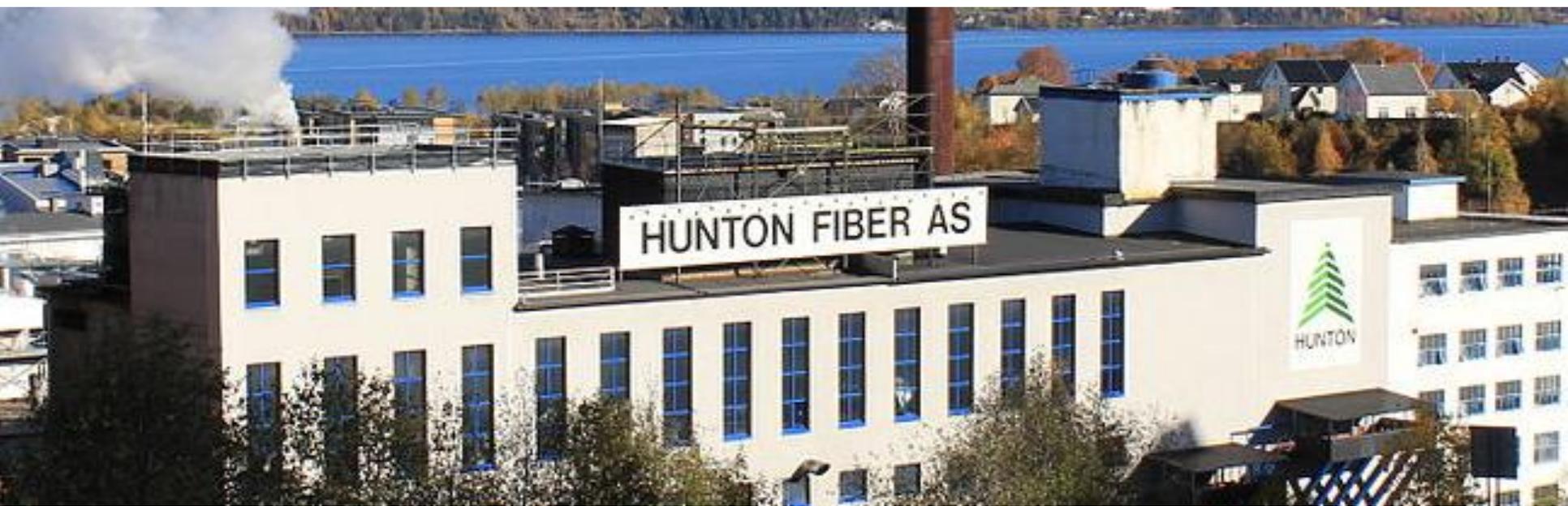


Gjøvik line – Rigid softboards

Capacity 145 000 m³

Bitumen impregnated

Hydro based power



Skjerven line - Flexible wood fiber insulation

Made of wood

Capacity 36 000 tons / 720 000 m³

Hydro based power

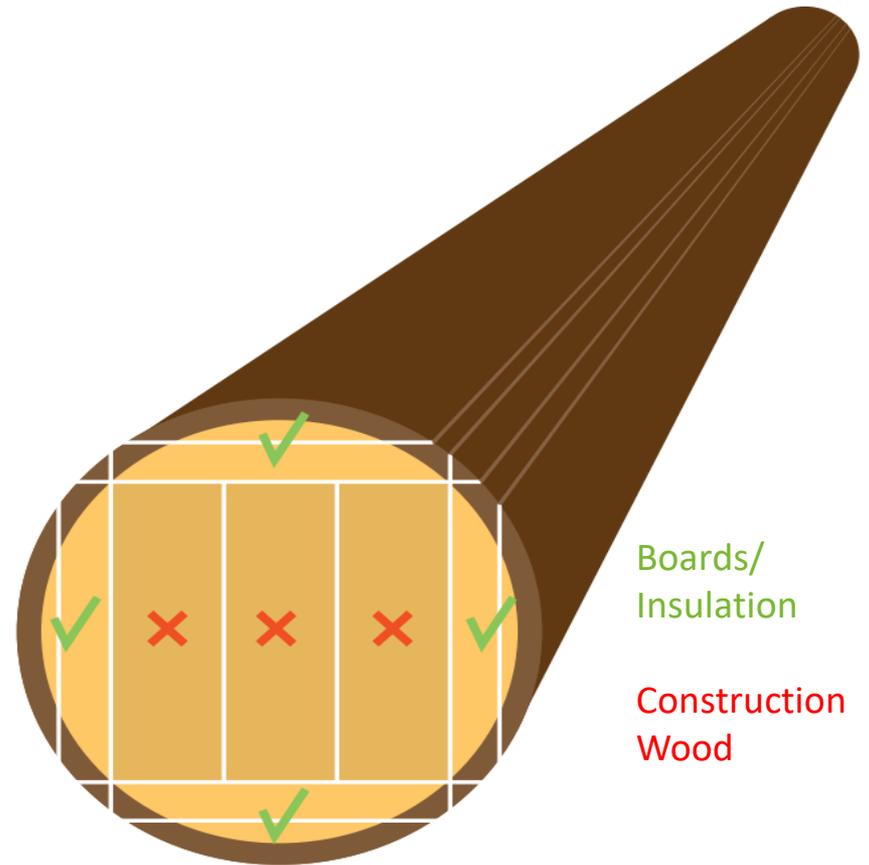


Waste as resource....

Boards and insulation are made from the outer side of log i.e. wastewood.

Woodchips from local sawmills
(100km)

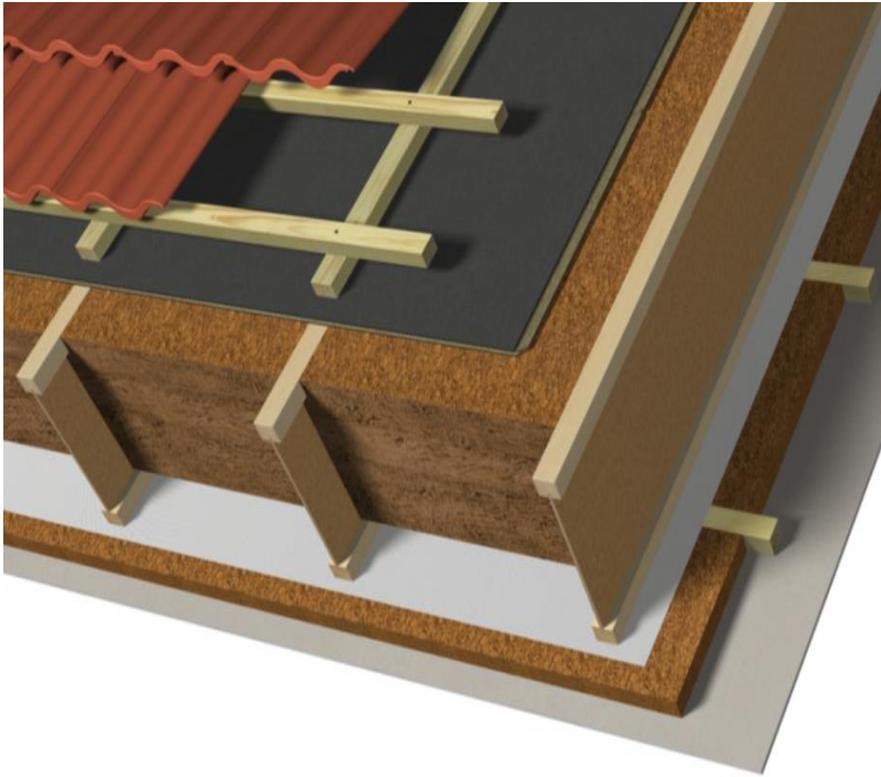
Ca. 80 000 m³



Boards/
Insulation

Construction
Wood

Hunton Sarket

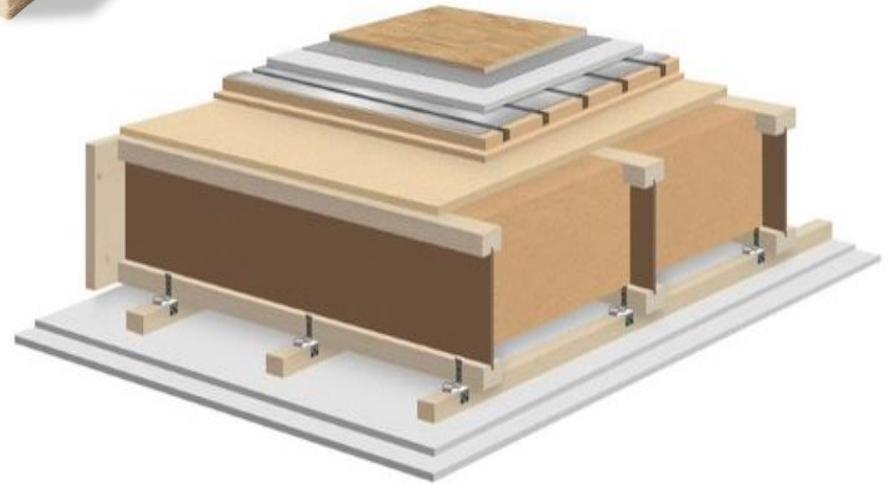
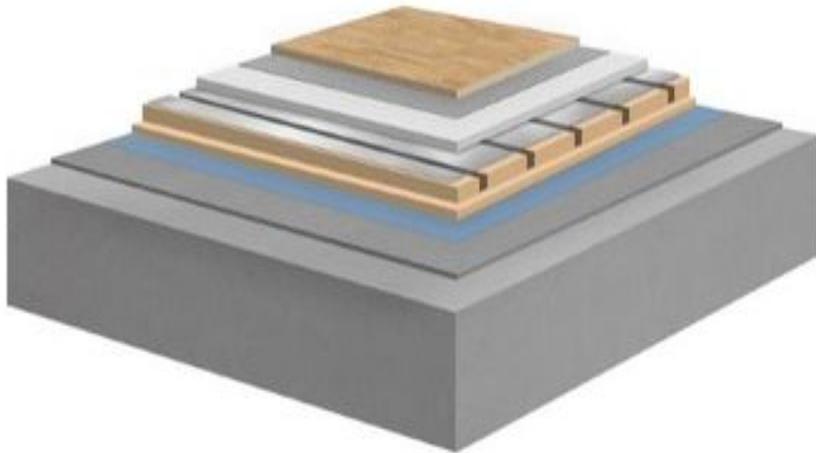


Hunton Windproof



Hunton Silencio Thermo

Sound insulation and heating in one



Native Wood fibre insulation

✓ Flexible insulation boards

- ✓ 30-300 mm thickness
- ✓ Density < 50 kg/m³
- ✓ <0,038 WmK lambda-value
- ✓ NEPD-2287-1041-NO



✓ Air insulated

- ✓ Loose, bulky
- ✓ Density in-wall 40 kg/m³
- ✓ Lambda value 0,038 WmK



No boric acid !!!!!

Hunton Nativo Boards



Hunton Nativo Boards



Nativo Air insulated 18 partners in Norway



Air insulated attic



NORWEGIANMADE HUNTONWALL™

HUNTON WINDPROOF 19 MM

NATIVO WOOD FIBER INSULATION 200 MM

DIMENSIONAL LUMBER 48 x 198 MM

PROCLIMA INTELLO PLUS VAPOR CHECK

NATIVO WOOD FIBER INSULATION 50 MM

DIMENSIONAL LUMBER 48 x 48 MM

STANDARD GYPSUM BOARD 12,5 MM

THICKNESS **275** MM



HUNTONWALL with
SINTEF Technical Approval



Norwegian made products
of wood and wood fiber.



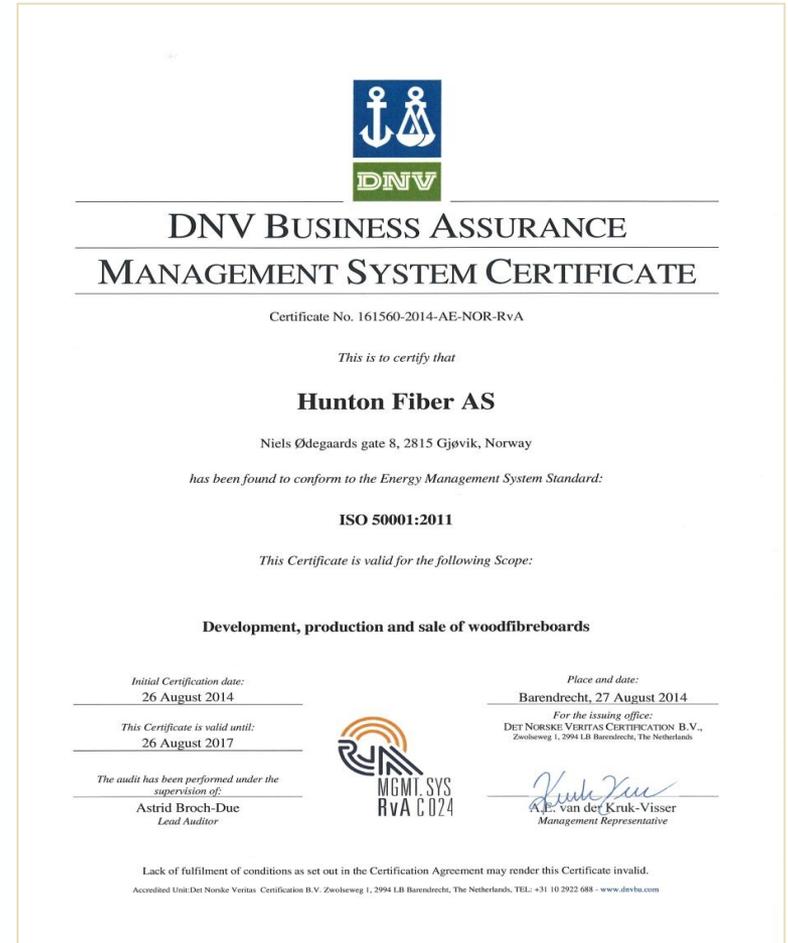
Hunton sound wall



- 2 x Standard gypsym 12,5
 - Stud 48x98
 - Hunton Nativo 100mm
 - Gap 30mm
 - Stud 48x98
 - 2 x Standard gypsum 12,5
- Airborne sound **R'w dB 66**
Lab test results Sintef,

ISO-Certifications

- ISO 50001 Energy-management
- ISO 9001 Quality-managment
- PEFC-Sustainable forest management through forest certification



EJF Applications

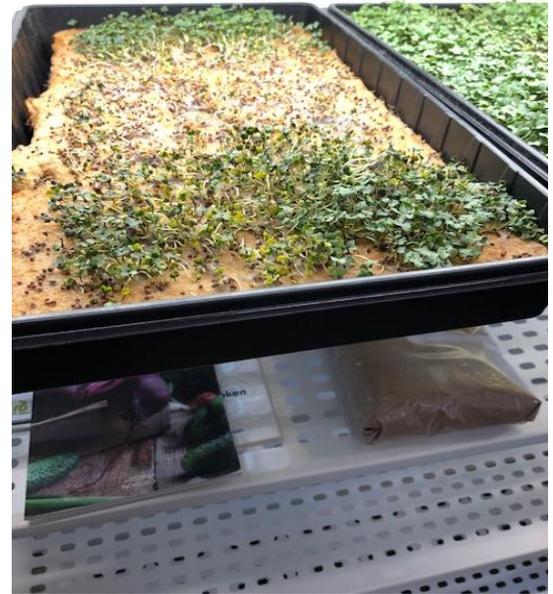
Dammam



Muscat



Peat outfaces as growing media





HUNTON

By nature. For nature.