

# 3D and World Heritage Sites in Finland

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Rome

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Image: Martti Jokinen 1998, FHA

# Finnish Heritage Agency and Digitalisation

## ➤ Strategy, vision and values

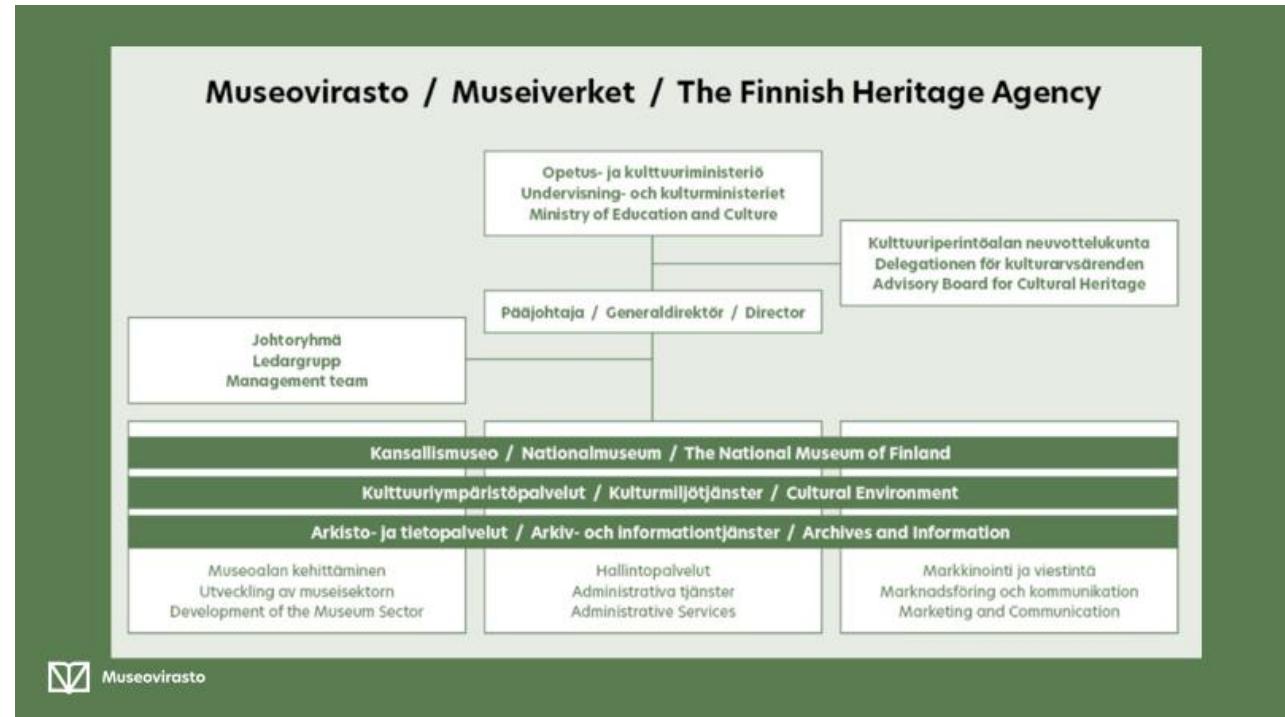
<https://www.museovirasto.fi/en/about-us/strategy>

“The Finnish Heritage Agency ensures that multiform cultural heritage is preserved as well as promotes its accessibility and open use. Our work promotes sustainable development and common well-being. We do things together, we are genuine in our interaction with people and we inspire everyone to experience a sense of belonging with their cultural heritage.”

- “We promote the use of cultural heritage”
- “We do things together and interact with people genuinely”

## ➤ Digitalisation program 2023 – 2026

## ➤ Guidelines



# World Heritage Sites in Finland

Fortress of Suomenlinna

Old Rauma

Petäjävesi Old Church

Verla Groundwood and Board Mill

Sammallahdenmäki Bronze Age Burial Site

Struve Geodetic Arc

Kvarken Archipelago



<https://www.museovirasto.fi/en/about-us/international-activities/world-heritage-in-finland>

<https://www.maailmanperinto.fi/en/>



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# Why World Heritage Sites?

- Widely known
- Historically and culturally important sites
- Russian invasion of Ukraine, destruction
- Need to accelerate 3D digitisation of built heritage
- Funding



Images: Old Rauma, Margaretha Ehrström; VOGELPERSPEKTIVE DER STADT HELSINGFORS UND DER FESTUNG SVEABORG. Litography 1850s; Soile Tirilä 1999. FHA

# Petäjävesi Old Church

Heritage in Risk

Northern wooden architecture, log building

Built in 1763-1765

Bell-tower

Graveyard

2022: Rautjärvi

2018: Kiihtelysvaara

2016: Ylivieska

2006: Porvoo

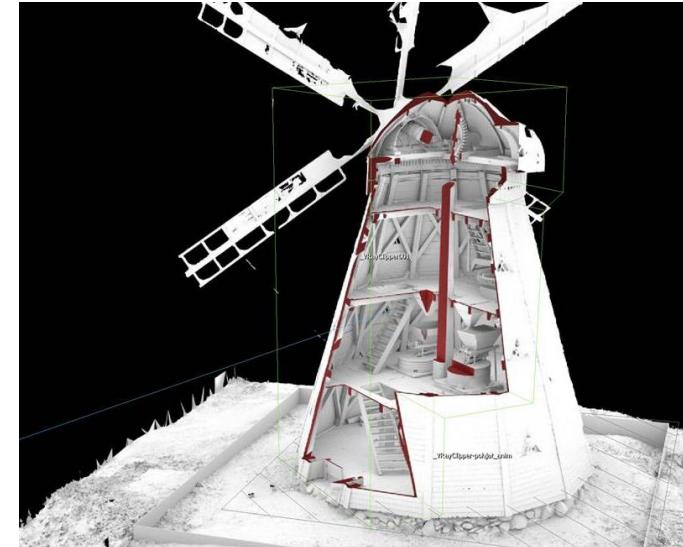


Hailuoto Church Fire 1968, Church built in 1620. Image: Kalevi Dahl, FHA;  
Virtasalmi Church Fire 1976, Church built in 1870s. Image: Jaakko Julkunen, FHA

# Objectives

## WP1

- Ensure preservation and use of existing 3D data
- 3D data accessible on Finna
- Process and infrastructure to manage and preserve **3D data and metadata**
- Guidelines for producing and managing 3D data



## WP2

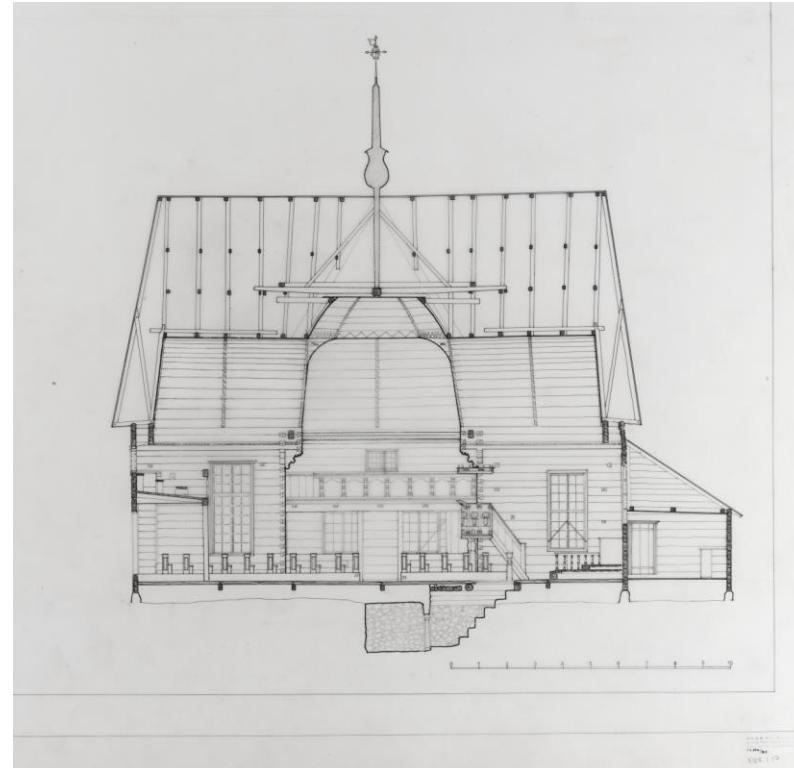
- Petäjävesi old Church 3D
- High quality
- research and conservation
- Publish content on Finna and other platforms (Europeana)



Oripää Windmill and Selkämä house (1840s), now at Seurasaari Open Air Museum.  
3D modelling by Tietoa Oy, Finnish Heritage Agency.

# Before starting 3D

- Existing data: drawings, information
- Collaboration and agreements
- Possible limitations
- VIGIE
- Resources
- Senior Advisor Tuuli Ahlholm
- Experts



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Petäjävesi Old Church, documentation 1981 and Images by István Kecskeméti and others, FHA.

**Thank you!**

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