



# Sustainable preservation of underwater archaeological sites: A novel approach to cultural heritage management

## Fact Sheet

### Project Information

#### ENDURE

Grant agreement ID: 101053993

#### DOI

[10.3030/101053993](https://doi.org/10.3030/101053993)

#### EC signature date

17 August 2022

#### Start date

1 October 2022

#### End date

30 September 2027



#### Funded under

European Research Council (ERC)

#### Total cost

€ 2 496 306,00

#### EU contribution

€ 2 496 306,00

#### Investment in EU policy priorities

Digital agenda	<input checked="" type="radio"/>	Clean air	<input type="radio"/>
Artificial Intelligence	<input type="radio"/>	Climate action	<input type="radio"/>
Biodiversity	<input type="radio"/>		

#### Coordinated by

NATIONALMUSEET

 Denmark

## Project description

### Finding new ways to manage underwater cultural heritage

Current management practices used to preserve underwater cultural heritage (UCH) may not be optimal because we do not fully understand the threats posed by natural and anthropogenic drivers. The EU-funded ENDURE project aims to address the decay processes, determine their impact on UCH and recommend a new conceptual framework to preserve this heritage based on site entropy. It will utilise marine sensing techniques to examine the decay of shipwrecks and other submerged archaeological sites; identify natural processes and rates of decay; remotely identify and rank simultaneous decay processes; and propose novel methods to reduce threats. ENDURE's work will benefit stakeholders, marine practitioners and, ultimately, future generations.

## Fields of science (EuroSciVoc)

[natural sciences](#) > [earth and related environmental sciences](#) > [physical geography](#) > [cartography](#) > [geographic information systems](#)

[engineering and technology](#) > [environmental engineering](#) > [remote sensing](#)

[natural sciences](#) > [biological sciences](#) > [ecology](#) > [ecosystems](#)

[social sciences](#) > [economics and business](#) > [business and management](#)

## Keywords

[Underwater cultural heritage](#)

[sustainable management](#)

[Ecosystem Modelling](#)

[remote](#)

[sensing](#)

[deterioration and decay of cultural sites](#)

[mitigation and preservation practices](#)

[natural heritage](#)

## Programme(s)

[HORIZON.1.1 - European Research Council \(ERC\)](#)

MAIN PROGRAMME

## Topic(s)

[ERC-2021-ADG - ERC ADVANCED GRANTS](#)

## Call for proposal

## [ERC-2021-ADG](#)

[See other projects for this call](#)

## Funding Scheme

[HORIZON-ERC - HORIZON ERC Grants](#)

## Host institution



### NATIONALMUSEET

Net EU contribution

**€ 2 496 306,00**

Total cost

**€ 2 496 306,00**

Address

**FREDERIKSHOLMS KANAL 12**

**1220 København**

 **Denmark** 

Region

**Danmark > Hovedstaden > Byen København**

Activity type

**Research Organisations**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

## Beneficiaries (1)



### NATIONALMUSEET

 Denmark

Net EU contribution

**€ 2 496 306,00**

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Total cost

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**Last update:** 4 September 2022

**Permalink:** <https://cordis.europa.eu/project/id/101053993>

European Union, 2025