Multi-Use and Underwater Cultural Heritage – experience and perspectives from the Baltic Sea

MUSES Final Conference, Brussels 10 October 2018

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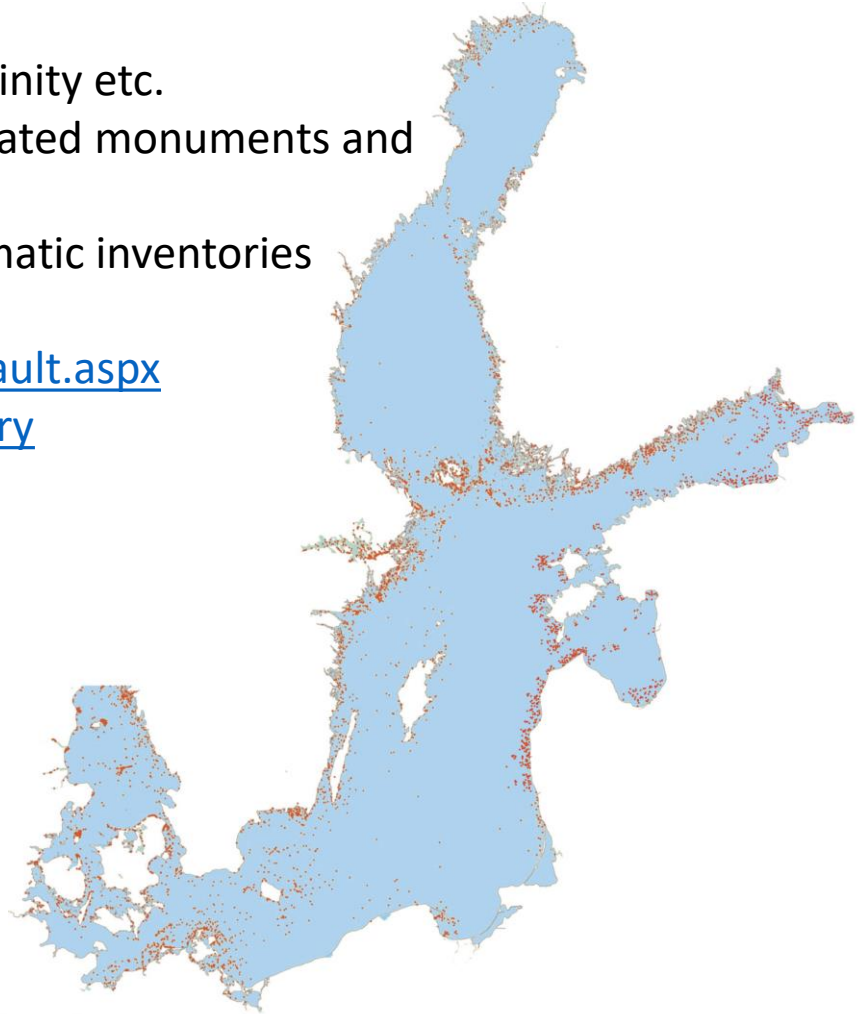
UNDERWATER CULTURAL HERITAGE (UCH) IN THE BALTIC SEA

- Baltic Sea underwater cultural heritage is exceptionally well preserved at global level
  - Wrecks, sunken prehistoric landscapes, underwater structures etc.
  - Great Baltic Sea preservation conditions: coldness, darkness, low salinity etc.
- Approximately 15,600 registered underwater sites, about 57% are designated monuments and protected
- The actual number of the UCH is not known because of the lack of systematic inventories
- Registers at Internet:
  - Finland: https://www.kyppi.fi/palveluikkuna/mjreki/read/asp/r_default.aspx
  - Estonia: https://register.muinas.ee/public.php?menuID=wreckregistry
  - Sweden: http://www.fmis.raa.se/cocoon/fornsok/search.html

Hanko, Finland
@ Eveliina Salo

For the protection, you need to know what there is

”The Baltic is a giant underwater musem waiting to be visisted” (BALTACAR Project)



Registered UCH sites located in the Baltic Sea in 2004

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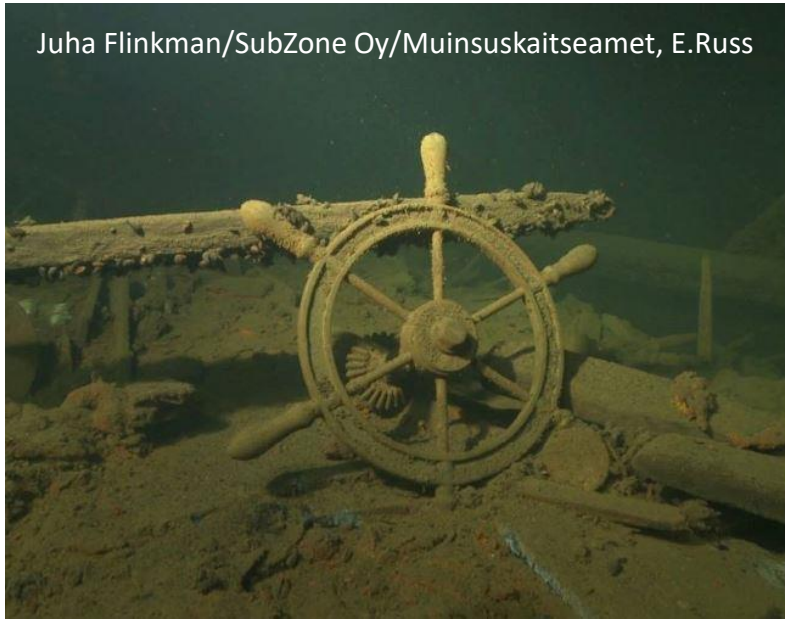

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UNDERWATER CULTURAL HERITAGE (UCH) IN THE BALTIC SEA

- Projects and working groups:
  - BalticRIM 2017 – 2020
    - Integrating maritime cultural heritage into MSP
    - https://www.submariner-network.eu/projects/balticrim
  - BALTACAR 2017-2019: Baltic History Beneath Surface: Underwater Heritage Trails in Situ and Online
    https://balticunderwater.com/
  - Nordic Blue Parks 2009: Combining Underwater Natural and Cultural Heritage
    - A new concept that combines underwater nature and cultural trails and recreation as a resource for sustainable development
    - Sweden (Axmar, Dalarö), Denmark (Højklint), Norway (Frigate Lossen) and Finland (Kronprins Gustav Adolf)
  - Baltic Sea Region Working Group on Underwater Cultural Heritage
    - http://baltic-heritage.eu/
    - Rutilus Project: and Report 2006
    - The 100 List
    - COPUCH: Code of Good Practice

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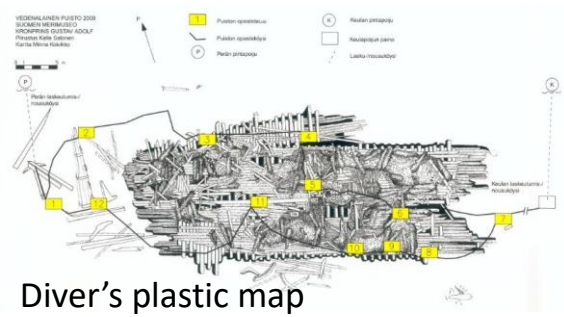
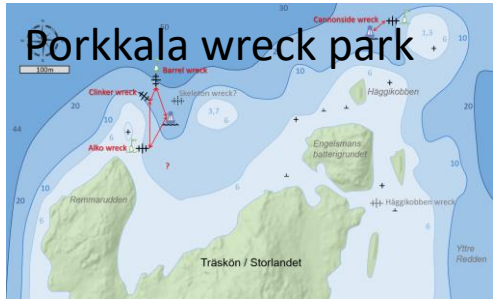
UNDERWATER CULTURAL HERITAGE + SUSTAINABLE TOURISM

- **CASE 1: The Helsinki Underwater Park Kronprins Gustav Adolf (Finland)**
  - The wreck of Swedish late 18th century ship of the line “Kronprins Gustav Adolf”
  - The first underwater park in the Baltic Sea region and Finland since year 2000
    - Cooperation with local divers
    - Museum exhibition, multi-lingual internet-site, a diver’s plastic map and printed brochure, virtual tour: an underwater video
    - Monitoring system, management plan
  - 13 underwater signs
    - One for nature values and geology
  - One of the outdoor activity and tourism locations in Helsinki (cooperation with the city of Helsinki)
  - Public – private agreements and cooperation
    - Management at Finnish Heritage Agency
  - One of the BALTACAR Project sites
    - Updating the park
  - Open for divers, no need for licences/permissions or tickets
    - No looting or damaging the site, self- control among divers
    - A monitoring programme
  - Inspiration for the Porkkala wreck park (2018) – a private initiative



Diver’s plastic map



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UNDERWATER CULTURAL HERITAGE + SUSTAINABLE TOURISM

- **CASE 2: BALTACAR PROJECT: Baltic History Beneath Surface: Underwater Heritage Trails in Situ and Online**
  - Sweden: The Dalarö Underwater park
  - Finland: Helsinki, Kemiönsaari and Hanko
  - Estonia (Lead partner): Saaremaa and Hiiumaa
  - Goals in different countries:
    - improving the anchoring system
    - buoys for vessels and guiding line for divers.
    - more historical research
    - information signs underwater and on land
    - material for tourism (both divers and non divers)
    - co-operation at local level, regional and national level, public - private
    - Regular monitoring in co-operation with the divers
    - videoshooting for 3D modelling
    - printed 3D models
    - virtual dive with 3D goggles
    - NFC tags

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UNDERWATER CULTURAL HERITAGE + SUSTAINABLE TOURISM

- **CASE 2: BALTACAR PROJECT: The Dalarö Underwater park and the Dalarö model (Sweden)**
  - The Dalarö model:
    - Divers get permission to dive on protected wrecks when accompanied by a licensed guide
      - With controlled access, you send a positive message
      - Controlled access to protected wrecks is an idea well received by the diving community
    - Can provide a role-model for local authorities, Heritage Boards and Maritime Museums in the Baltic Sea Region
    - Enables high-quality intermediation and enhanced accessibility of a better preserved UCA method to simultaneously preserve, use and enrich the UCH for both divers and the general public

  - What's the story?
  - Non-divers will get access to the UCH via sonar and ROV
  - Digitally enhanced movies and animated reconstructions will enable outreach to the general public

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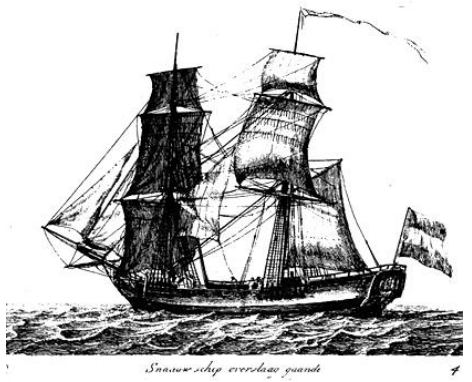
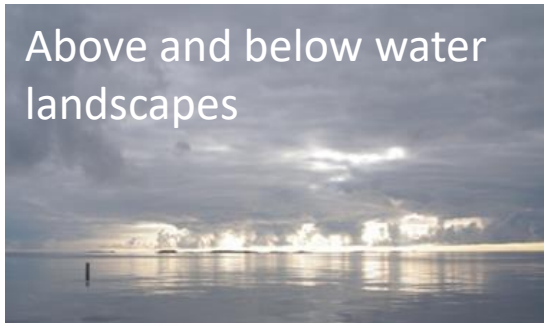
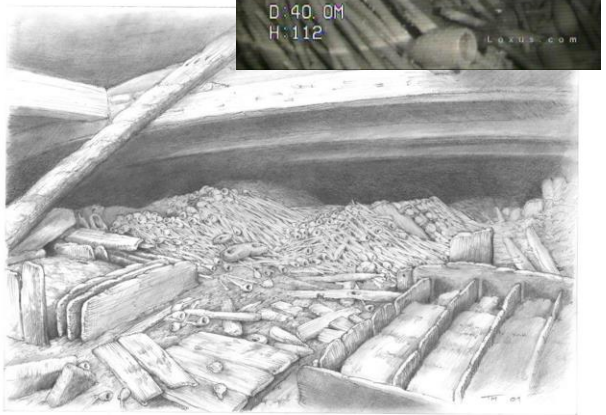
STRONG UCH + NATURE PROTECTION: NO ACCESS, NO TOURISM



- **CASE 3: VROUW MARIA**
  - A Dutch Snow rigged two-masted merchant vessel – an intact ship wreck
  - Left Amsterdam in August 1771, destinated to St Petersburg
  - Sunk in 1771 in the archipelago of Finland
  - Location far out at open Sea (long distances to travell, no boating lines, harbours, accommodation etc.)
  - Weather conditions and ice during winter
  - The wreck is located at the depth of 40 meters
  - Protection of UCH is a secondary use
  - Strong UCH and nature protection:
    - Different legal restrictions and regulations (Antiquities Act, Archipelago National Park, Natura 2000 Area Assesment)
    - Visiting in the area needs a permission 12 months/year
    - Pleasure diving is not possible, only scientific diving – Not a suitable site to open an underwater park





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UNDERWATER CULTURAL HERITAGE (UCH) AND MULTI USES

- Best sustainable MU UCH combinations:
  - UCH protection + sustainable tourism
    - Case: Kronprins Gustav Adolf (Finland)
    - BALTACAR Project sites in Sweden, Finland and Estonia
      - Case: Dalarö underwater park (Sweden)
  - UCH protection + nature protection + sustainable tourism
    - BALTACAR case Finland: Hanko, Hauensuoli
      - Ancient monument, Nationally important build site, Nature protection area, Natura 2000 area, a National Urban Park
  - Strong UCH protection + nature protection
    - Case Vrouw Maria (Finland)
    - Problem: no access, no tourism
    - Protection is on high level (many different protection layers)
- Swedish maritime spatial plans:
  - Concept of ”Attractive living environments”

Helsinki Underwater Park Kronprins Gustav Adolf, © Pekka Tuuri

Finland: Hanko, Hauensuoli

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UNDERWATER CULTURAL HERITAGE AND MULTI-USES

- Main challenges:
  - Underwater cultural heritage (UCH) is not well known
  - Lack of UCH data, lack of UCH-tourism data
  - Awareness raising – lot of work to do
  - Marginality of the diving tourism
  - Lack of financing and investments
- Main advices for the future multi-use endeavours:
  - The main objective must be sustainable heritage use in combination with sustainable tourism
  - Non-intrusive recreation and destination development
  - BALTACAR Project: "Our cultural heritage should be used, but not consumed. Not exploited as a product, but linked to society and its cultural, political, spiritual and social landscape"
- Next steps to enable the implementation of the concept:
  - Awareness raising of the concept among UCH orgnizations
- Perspectives:
  - Integration to MSP > UCH for mainstream thinking
  - Integration to recreation and tourism (Blue Growth)
  - Promoting private initiatives
    - Porkkala underwater park opened in 2018 (Finland)
  - Cross-border itineraries - YES
  - From a single wreck to the underwater landscape
    - ➢ Heritage + nature + intangible values + experience + sustainable tourism
- Is multi-use beneficial? Where and whom?
  - Yes, when managed well
- Roles and partners:
  - Organizations, NGO's, public – private, national – local, cross sectoral cooperation etc.

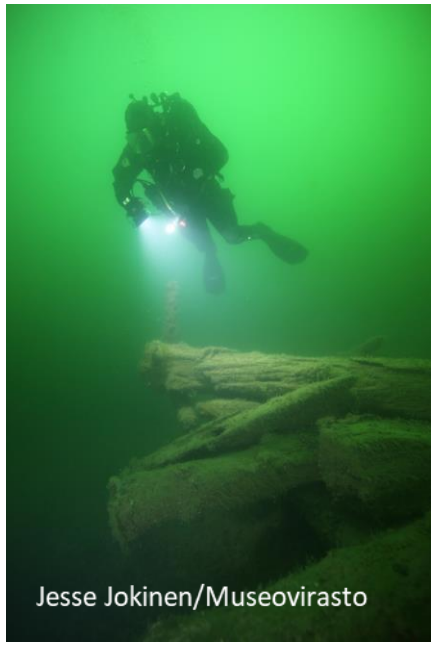

Jesse Jokinen/Museovirasto

Finnish Heritage Agency

MULTI-USE AND UNDERWATER CULTURAL HERITAGE

- Multi-use concept
- The MUSES multi-use action plan
- Identification of MU Drivers, Barriers, Added values and Negative Impacts (DABI)

> MUSES concept and tools could be used in BalticRIM Project and in other UCH projects and in UCH/MSP



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