IMPACT

Interreg Europe

European Union
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MONITORING OF ACTION PLAN FOR COASTAL STATE PARKS IN LITHUANIA

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ACTION 1. Application of research-based models for site management to extend the summer season in the Kuršių nerija (Curonian Spit) national park

- ***Sub-action 1.1.*** *Installation of the living barrier at the selected pilot site south of Nida*
  - ***Activity 1.1.1.*** *Acquisition of permissions for installations. Finished by 2018 spring.*

Permits required	Relevant laws	State authority
Permit for the construction in the coastal zone	LR Inland Waterways Code for Inland Waterways Managers	Neringa Municipality
Permit for the construction in the waterways and port areas	LR Inland Waterways Code for Inland Waterways Managers	Environmental Protection Agency
Environmental Impact Assesement	LR Planned Economic Activity EIA Act	Klaipeda Regional Environmental Protection Agency

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- ***Sub-action 1.1.*** *Installation of the living barrier at the selected pilot site south of Nida*
  - ***Activity 1.1.2.*** *Assessment of site-specific hydrodynamic and meteorological conditions*

    - On-going process.
    - Gather information regarding environmental conditions and location factors.
    - Water depth, water level fluctuations, waves and currents influence anchoring.
    - Take into account regional fisheries, tourism, maritime traffic and nature protection areas in order to prevent spatial conflicts of use.

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- ***Sub-action 1.1.*** *Installation of the living barrier at the selected pilot site south of Nida*
  - ***Activity 1.1.3.*** *Design of the installation*

- Finished in spring of 2018.

ACTION 1. Application of research-based models for site management to extend the summer season in the Kuršių nerija (Curonian Spit) national park

- ***Sub-action 1.1.*** *Installation of the living barrier at the selected pilot site south of Nida*
  - ***Activity 1.1.4.*** *Physical installation of floating structures*

ACTION 1. Application of research-based models for site management to extend the summer season in the Kuršių nerija (Curonian Spit) national park

- ***Sub-action 1.1.*** *Installation of the living barrier at the selected pilot site south of Nida*
  - ***Activity 1.1.5.*** *Preparation of Best Practice Guidelines for the installed structures*

    - Material is collected on plant growth and nutrient accumulation on artificial substrates in the Curonian Lagoon.
    - Reed is collected at the start of installation and in the end of the growth season and will measure nitrogen and phosphorus concentrations in different parts of the plants (stems, leaves and roots).

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- ***Deliverable 1.1.2.*** *Guidelines for installation and maintenance of the floating islands*

  - At the end of the growing season the plants of the “living barrier” pilot installation in Nida, Curonian lagoon, were harvested and are now in the laboratory for nutrient analysis. Surprising was the large amount of zebra mussels attached to the roots.
  - This adds to the total nutrient removal capacity of the floating installation: Nutrient concentrations in the mussels are approximately 1% nitrogen and 0,1% phosphorus. Over only two summer months an average of 54 g mussels was attached to a single of a willow, which could be converted to 540 mg of nitrogen and 43 mg of phosphorus.

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- ***Sub-action 1.2.*** *Improving breeding habitats of the natterjack toad*

No news due to budget cut

ACTION 2. Integration of mobile dunes and other heritage assets into sustainable tourism system of the Kuršių nerija (Curonian Spit) National Park

- ***Sub-action 2.1.*** *Development of sustainable tourism*
  - ***Activity 2.1.1.*** *Collecting and collating best tourism management practices at UNESCO sites.*
    - A study “STOCKTAKING OF BEST MANAGEMENT AND TOURISM PRACTICES OF COASTAL CULTURAL WORLD HERITAGE SITES” is prepared using those methods:

1. Inventory and typology of coastal and hinterland cultural UNESCO World Heritage sites worldwide.
2. Stocktaking and content analysis of the documents highlighting good multi-level governance and sustainable tourism development practices at coastal and hinterland cultural World Heritage sites.
3. Analysis of differences and similarities, and eliciting of the best practices in multi-level governance and sustainable tourism development at the coastal and hinterland cultural World Heritage sites worldwide.

ACTION 2. Integration of mobile dunes and other heritage assets into sustainable tourism system of the Kuršių nerija (Curonian Spit) National Park

- ***Sub-action 2.1.*** *Development of sustainable tourism*
  - The study on sustainable tourism is prepared where:
  1. Typology of coastal cultural World Heritage sites was provided.
  2. Coastal cultural World Heritage sites that are in danger were specified.

Deliverable 2.1.1 is performed.

ACTION 2. Integration of mobile dunes and other heritage assets into sustainable tourism system of the Kuršių nerija (Curonian Spit) National Park

- ***Sub-action 2.1.*** *Development of sustainable tourism*
  - ***Deliverable 2.1.1.*** *A report on best practices regarding the multi-level governance of sustainable tourism is prepared.*

    - Pre-feasibility synthesis of the South Baltic coastal UNESCO world cultural heritage tourism strategy is analyzed.
    - Literature on coastal cultural world heritage sites was reviewed.
    - Benchmarking of best practices of coastal cultural heritage sites was provided.

ACTION 2. Integration of mobile dunes and other heritage assets into sustainable tourism system of the Kuršių nerija (Curonian Spit) National Park

- ***Sub-action 2.1.*** *Development of sustainable tourism*
  - ***Activity 2.1.2.*** *Producing of a baseline study for monitoring of sustainable tourism.*
  - ***Activity 2.1.3.*** *Approval and kick-off of the sustainable tourism scheme*
  - ***Deliverable 2.1.2.*** *A baseline study for monitoring sustainable tourism development*
  - ***Deliverable 2.1.3.*** *A sustainable tourism scheme*

Is started to perform in September, 2018 and will be finished next December.

ACTION 2. Integration of mobile dunes and other heritage assets into sustainable tourism system of the Kuršių nerija (Curonian Spit) National Park

- ***Sub-action 2.2.*** *The development of high-quality sustainable tourism products/services*
  - ***Activity 2.2.1.*** *Performing a Think Tank on Sustainable Entrepreneurship.*
  - ***Deliverable 2.2.1.*** *Concept 'Sustainable Entrepreneurship' established.*
    - As part of a one day 'Lithuanian Protected Areas' event, DUNC was hosting activities to promote good tourism practices at the UNESCO World heritage site 'The Curonian Spit'. The idea of the event is to facilitate an exchange of good ideas as well as to highlight the challenges faced by the sensitive Curonian Spit destination.
    - Activities include a big bike tour through part of the Curonian Spit – Juodkrante – Nida. The DUNC team will analyze what kind of bicycle products/services would be beneficial, seasonality challenges and what could be realized within the DUNC framework.

ACTION 2. Integration of mobile dunes and other heritage assets into sustainable tourism system of the Kuršių nerija (Curonian Spit) National Park

- ***Sub-action 2.2.*** *The development of high-quality sustainable tourism products/services*
  - ***Activity 2.2.2.*** *Performing a Think Tank on the concept of a label 'Baltic World Heritage & friends'.*
  - ***Deliverable 2.2.3*** *'Baltic World Heritage & friends' token developed and acclaimed internationally.*

https://www.dunc-heritage.eu/become-a-friend-of-the-dunc-project/

ACTION 2. Integration of mobile dunes and other heritage assets into sustainable tourism system of the Kuršių nerija (Curonian Spit) National Park

- ***Sub-action 2.3.*** *Health & Nature trips in protected areas*
  - ***Activity 2.3.1.*** *Performing a Think Tank on Sustainable Ambassadorship*
  - ***Deliverable. 2.3.1.*** *The concept of Sustainable ambassadorships established.*
  - ***Activity 2.3.2.*** *Interactive Lab: Social Media Marketing Activity.*
  - ***Deliverable 2.3.2.*** *Two information campaigns will be performed targeting citizens.*

ACTION 2. Integration of mobile dunes and other heritage assets into sustainable tourism system of the Kuršių nerija (Curonian Spit) National Park

- ***Sub-action 2.3.*** *Health & Nature trips in protected areas*
  - ***Activity 2.3.3.*** *Develop and test educational actions Activity.*
  - ***Deliverable 2.3.3.*** *Promotion of sustainable ambassadorship*
  - ***Activity 2.3.4*** *Social Media Campaign*
  - ***Deliverable 2.3.4.*** *A multi-annual agreement will be established between the Kuršių Nerija National Park administration and volunteering local, regional, and national ambassadors*

Is started to perform in October 2018, and will be finished in December 2019.

ACTION 3. Community Involvement Initiative in Pajūrio (Littoral) Regional Park

- ***Sub-action 3.1 Involving of local stakeholders in sharing their knowledge.***
  - ***Activity 3.1.1.*** *Organisation of local meetings in the Karklė Community*
  - ***Deliverable 3.1.1.*** *Four information meetings and workshops*
  - ***Activity 3.1.2.*** *Preparation of a comprehensive international meeting*
  - ***Deliverable 3.1.2.*** *A comprehensive two-day international meeting in Karklė*

Local meeting

ACTION 3. Community Involvement Initiative in Pajūrio (Littoral) Regional Park

- ***Sub-action 3.1*** *Involving of local stakeholders in sharing their knowledge.*
  - ***Activity 3.1.3.*** *Hosting a comprehensive international meeting*
  - ***Deliverable 3.1.3.*** *The database of the best examples of community initiatives*
  - ***Activity 3.1.4.*** *Collecting and describing best practice example**s***
  - ***Activity 3.1.5.*** *Building of the Development and Distribution System*

ACTION 3. Community Involvement Initiative in Pajūrio (Littoral) Regional Park

- ***Sub-action 3.2.*** *Reviving of a local traditional event*
  - ***Activity 3.2.1.*** *Development of the outdoor event programme*
  - ***Activity 3.2.2.*** *Organisation and implementation of the outdoor event*
  - ***Activity 3.2.3.*** *Promotion of the outdoor event*
  - ***Activity 3.2.4.*** *Integration of the outdoor event into the future activity plan*

  - ***Deliverable 3.2.1.*** *Local stakeholders create a detailed programme for the outdoor event*
  - ***Deliverable 3.2.1.*** *The outdoor event highlighting ecosystem services*

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CICPA
Common initiatives in Conserved and Protected Areas" is an
transnational network connecting remarkably valuable natural areas of Europe.
www.southbaltic-cicpa.eu
-cicpa.eu
goździki

ACTION 3. Community Involvement Initiative in Pajūrio (Littoral) Regional Park

- ***Sub-action 3.3.*** *Involving of local community in NATURA 2000 site management activities*
  - ***Activity 3.3.1.*** *Maintenance of the natural flood cycles*
  - ***Activity 3.3.2.*** *Re-naturalisation of wet forests*
  - ***Activity 3.3.3.*** *Investigating of an impact of the local herd of red deer in the fenced area on grassland vegetation*
  - ***Activity 3.3.4.*** *Installation of bat boxes in the mature forests*

  - ***Deliverable 3.3.1.*** *Study assessing possibilities and effects of possible reintroduction of the natural flood cycles in coastal wetlands*
  - ***Deliverable 3.3.2.*** *Study highlighting the impact of the local herd of red deer in the fenced area on grassland vegetati**on***
  - ***Deliverable 3.3.3.*** *Five bat boxes in different habitats of the mature forests*

No news due to budget cut

WOKE UP IN
PARADISE

A pyramid in Juodkrantė marking the UNESCO World Heritage status of the Curonian Spit

Horses of a local Samogitian breed in the Littoral regional park

Bikers at a birdwatching hide in the Littoral regional park

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Thank you!

Questions wellcome

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