EUSBSR PA SAFE
Steering Group Meeting
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WINMOS II

WINMOS II

Winter Navigation Motorways of the Sea

EU STRATEGY FOR THE BALTIC SEA REGION

FLAGSHIP

WINMOS II – Basics.

- Aims to:
  - further develop and enhance the winter navigation system and its safety,
  - safeguard required icebreaking resources in the future by developing new options and improving old capacity .
- Budget ~19M€; CEF (MoS) funding 6,6M€
- Implementation period: Feb 2016 – Oct 2019
- Partners: Finnish Transport Agency (coordinator), Swedish Maritime Administration, Arctia Icebreaking, Novia University of Applied Sciences, Aalto University, Estonian Maritime Administration and ILS Oy.

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WINMOS II – Activities.

- Environmental benefits, reduction of fuel and emissions
  - Battery hybrid for safer and more environmentally friendly operation
  - Further development of the Common Rail system
- Life extensions and alternative options
  - Life extension of Finnish icebreakers (IB Voima and IB Sisu)
  - Study on life extension of Estonian icebreakers
  - Study on removable-bow concept
- More efficient use of resources
  - Implementation and further development of IBNext
  - Development of icebreaker training
  - Study on adequacy of icebreaking capacity and level of service in Baltic Sea during severe winters

RECENT ACTIVITIES.

- Battery hybrid for safer and more environmentally friendly operation
  - Study completed, report published (winmos.eu → reports)
  - Sub-act 2.3 *Preparation of documents for procurement* will not be done due to outcome of study → no need for GA amendment
- Further development of the Common Rail system
  - Activity completed, report to finish
- Life extension of Finnish icebreakers
  - Life extension works on IB Sisu completed, final report to write
- Study on life extension of Estonian icebreakers
  - Study translated, report published

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RECENT ACTIVITIES.

- Study on removable-bow concept
  - Works at the shipyard in Klaipeda have started
  - Delays with drawings etc. → delayed about 7 months
- Study on adequacy of icebreaking capacity and level of service in Baltic Sea during severe winter
  - Contingency plan discussed at annual BIM meeting → preliminary approval
  - Next step to take the plan forward via HELCOM

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RECENT ACTIVITIES.

- Project management and dissemination
  - Steering group meeting held in Helsinki in August → tour onboard IB Voima
  - Completed mid-term evaluation (CEF funding)
  - Interim payment request sent and following clarifications completed
    - Need for amendment to GA

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www.winmos.eu

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Thank You.

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