

NEXOGENESIS 4th Stakeholder Workshop:

“Water-energy-food-ecosystem Nexus: from interlinkage modelling to decision support tool and stakeholder agreement for integrated management of the Lielupe River Basin”

6th - 7th February 2024

Hotel “Neiburgs Hotel” (Jauniela 25/27, Riga, <https://neiburgs.com/lv>)

Program

Tuesday, 6th February

12.00 Registration, light lunch

13.00 **Introduction to the workshop, tour de table**

Ingrida Bremere, Baltic Environmental Forum – Latvia

13.20 **Brief recap of NEXOGENESIS project and activities in the Lielupe Case Study**

Daina Indriksone, Baltic Environmental Forum - Latvia

13.40 **The baseline results of System Dynamics Modelling in the Lielupe River Basin**

considering biophysical interlinkages, socioeconomic development scenarios
Henry Amorocho Daza, IHE, the Netherlands

Discussion on policy instruments to include in the modelling

15.00 Coffee break

15.30 **Towards stakeholder agreement in the Lielupe River Basin**

Keynote “Facilitating process towards the design and adoption of a (transboundary) stakeholder agreement for integrated management of the Lielupe River Basin resources at various levels”

Caro Mooren, KWR, the Netherlands (online presentation)

Towards setting the stakeholder agreement on common activities in the Lielupe River Basin

Ingrida Bremere, Baltic Environmental Forum – Latvia

Discussion in working groups on initial ideas for implementation practical activities

17.00 Closing of the day

Wednesday, 7th February

9.30 Registration, coffee

10.00 **Introductory presentation on decision support tool – why do we need it?**

Daina Indriksone, Baltic Environmental Forum - Latvia

NEPAT decision support tool of NEXOGENESIS project: exploiting artificial intelligence and allowing scenario definition with multiple objectives to assess nexus-wide impacts of policy implementation, providing a series of possible actions that maximise nexus performance

Nuria Nievas, Fundacio Eurecat, Spain

Interactive discussion on NEPAT functionalities

12.00 Coffee break

12.30 **Overview on land use modelling data**

Vincent Linderhof, Wageningen Economic Research, the Netherlands (online presentation)

Networking of projects and initiatives relevant to WEFE Nexus in the Lielupe River basin

- **Horizon Europe, “NATALIE”**
Edgars Paulovics, Zemgale Planning Region, Latvia
- **LIFE IP GoodWater**
Linda Fibiga, Latvian Geology and Meteorology Centre, Latvia
- **Cleaning of the Memele riverbed to restore natural spawning grounds for fish in Bauska municipality**
Ilze Tijone, Bauska municipality, Latvia
- **Hydrological measurements and forecasts in Lithuania**
Juozas Simkus, Lithuanian Hydrometeorological Service, Lithuania

13.30 Wrap-up of the workshop