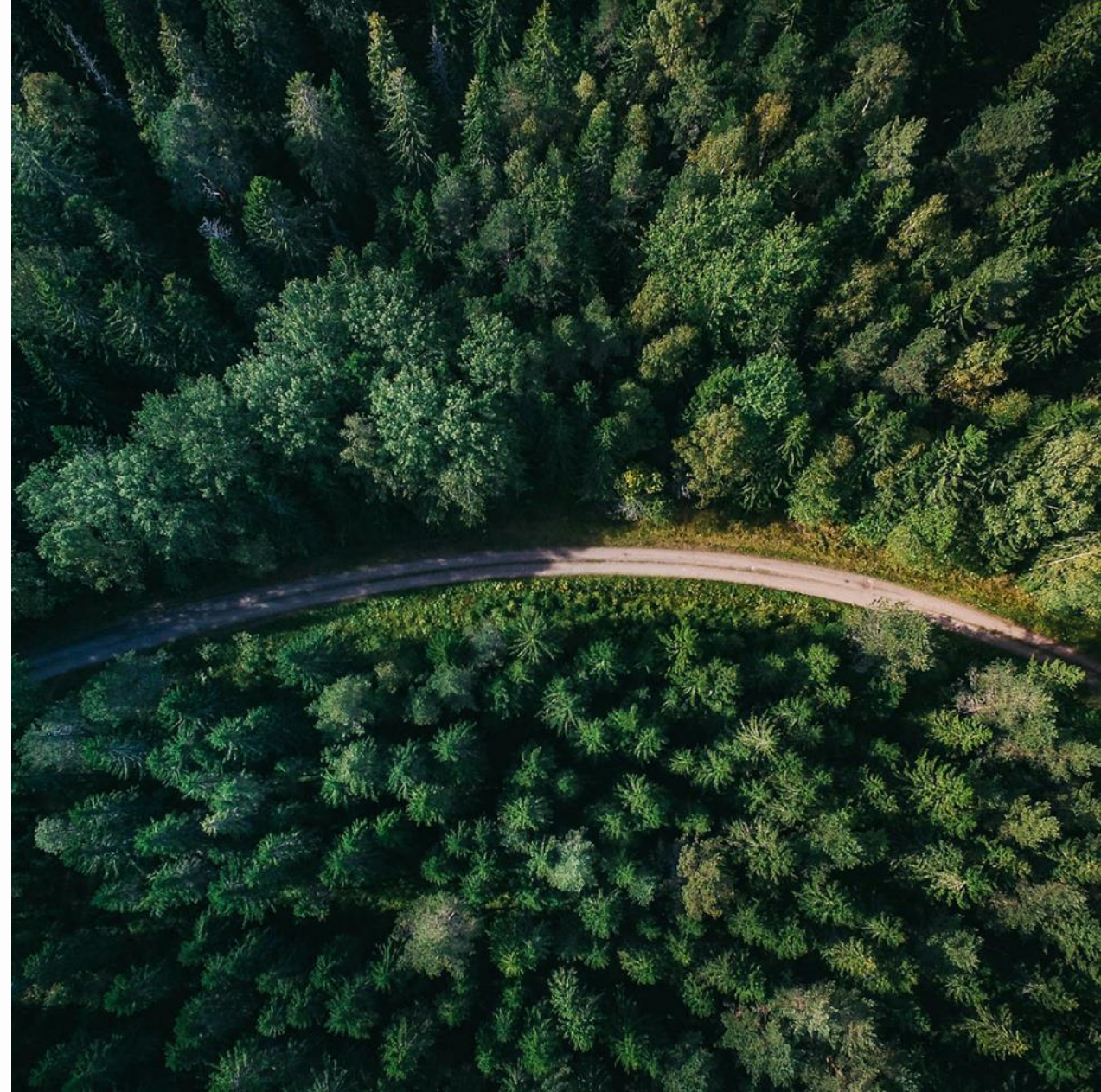


Environmental pool

Supporting energy sector's
sustainability through research

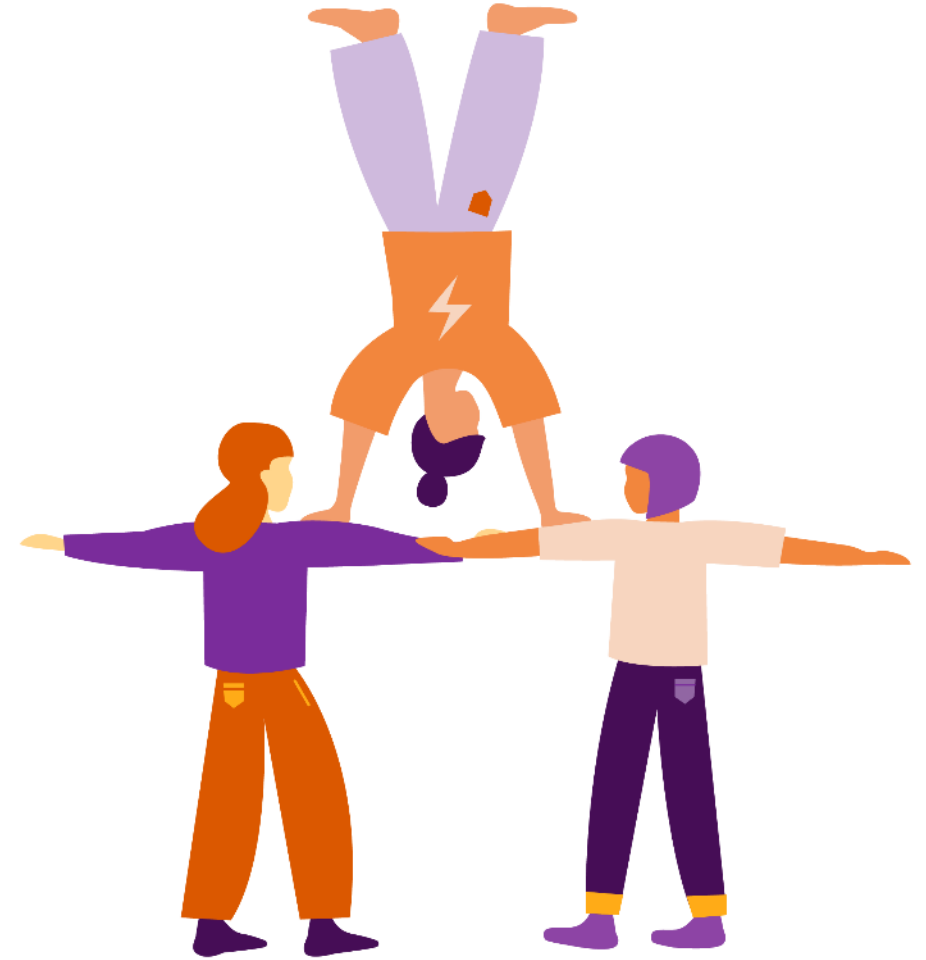
Research to support sustainability in the energy sector

- **Environment and Sustainability Pool:** A cooperation agreement that funds environmental and sustainability research within the energy sector. The goal is:
 - To increase pool members' and other energy companies' knowledge on environmental issues
 - To produce information and promote awareness on sustainability in the energy sector, and to support communication related to it
 - Promote cooperation between the energy sector, research bodies and environmental authorities



Environmental Pool

- Operations started in 1999
- Framework agreement, agreement period 2025-2027 ongoing.
 - Current Parties: Fortum, Helen, Kemijoki Oy, Pohjolan Voima, Energiateollisuus ry
 - Annual financial reserve 150 k€
 - Financing decision within the agreement period
- The pool both launches projects itself and funds research based on the applications it receives



What is funded?

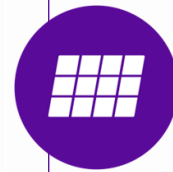
- Projects that address key issues in the energy sector
- Projects that benefit the pool's Parties equally
- Projects that are based on research and that produce reliable information
- Projects that focus on something that could otherwise be left undone or unsolved
- Projects that are not targeted at a business or product development area that is subject to competition between the parties
- Theses (max. 3 theses / year)



Goals & Priorities 25-27

Objectives of the Environmental Pool

- Produce information to support advocacy and sustainability communication, especially through proactive research
- Produce information on the environmental impacts of the energy sector
- To increase knowledge within energy sector on issues related to environmental and sustainability issues
- Promote awareness of the industry's sustainability and support related communication
- Promote cooperation between the energy sector, research bodies and environmental authorities



Sustainability

- Sustainable energy sector
- Value chains
- Sustainability reporting



Sustainable energy production

- Energy production solutions and their environmental impacts
- Acceptability of energy production



Biodiversity

- Biodiversity impacts of the energy sector
- Metering
- Nature Value Market



Permitting and regulation

- Smooth environmental permitting
- Impacts of environmental and sustainability regulation on the energy sector

Applying for funding

- The call for funding is open to everyone, and the call for funding is continuous
- The pool both launches projects itself, and funds research based on the applications it receives

- Submit the funding application and a description of the project by email to the Environmental Pool Coordinator

- The Environmental Pool convenes four times a year to decide on funding. Funding applications must be submitted to the coordinator 10 days before the meeting.
- Pool's meeting times can be found on the Environmental Pool's Finnish webpages

- The projects can be also presented as a preliminary proposal, on which the pool can provide comments for developing the project to meet the pool's needs

Examples of projects funded by the Environmental Pool

- Biodiversity in power line corridors, Tapio ([link](#))
- Problems caused by invasive alien species in the Baltic Sea at power plants (projects I-II), Fortum ([link](#))
- Biodiversity impacts of hydropower, Gaia ([link](#))
- Status review of Finnish Energy's biodiversity roadmap (thesis)
- Environmental Code Study, Acts Oy
- Sustainability in the value chain, Bearing Point ([link](#))
- Ash quality in the combustion of solid biofuels, VTT ([link](#))
- National Emission Reference Measurements ([linki](#)) & Challenges of emission measurements at low concentration levels ([link](#)), VTT
- UUMA 4 and 5 - The use of recovered materials to be utilised in earthworks, Ramboll ([link](#))
- Migratory fish in built rivers – "Sateenvarjo III", LUKE ([link](#))
- New technologies for mapping channels and mine basins "UOMARI"; Syke, Oulu University, GTK, NLS ([link](#))



Energiateollisuus

Tuhkan laatu kiinteiden biopolttoaineiden poltossa

Kirjoittajat: Kirsi Korpijärvi

ACTS

Ympäristökaari erityisesti energiateollisuuden hankkeiden kannalta

Satu Räsänen ja Ari Ekroos

Johtoalueiden luonnon monimuotoisuus

Selvitys
6.9.2023

Päästömittausten haasteet alhaisilla pitoisuustasoilla

BATE-projektin havaintoja
Environmental Pool | Marja Ränkila
Tuula Pellikka | Tuula Kajolinna

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[Link](#) to Finnish webpages