

## ETIP HYDROPOWER Governing Board Application form

<b>Name and surname</b>	Ole Gunnar Dahlhaug
<b>Photo</b>	
<b>Name of entity (e.g. company, association, etc.)</b>	<b>EERA JP Hydropower</b>
<b>Job title / role</b>	Professor/ Coordinator
<b>Stakeholder category</b>	<input type="checkbox"/> Hydropower industry and technology <sup>1</sup> <input type="checkbox"/> Operator/owner of large hydropower plants and/or pumped storage plant(s) <input type="checkbox"/> Independent operator/owner of small hydropower plant(s) <input type="checkbox"/> Design, planning and project development <input type="checkbox"/> Finance, business and insurance <sup>2</sup> <input checked="" type="checkbox"/> Research, innovation and development <sup>3</sup> <input type="checkbox"/> Environment and civil society <sup>4</sup>
<b>Country</b>	<b>Norway</b>
<b>Previous experience</b> (1300 characters with spaces)	<p>Ole Gunnar Dahlhaug is a professor at the Norwegian University of Science and Technology (NTNU). His career began in 1982 in the Royal Norwegian Air Force, specializing in fighter airplane technology. He completed his Master of Science in 1991 through a joint program between the University of California, Santa Barbara (UCSB), and NTNU. He worked as a research scientist at SINTEF before pursuing his PhD at NTNU, and defended his dissertation in 1997. In 1999, he began his tenure at NTNU and became a professor in hydro turbines in 2005. His academic duties include teaching hydro and wind turbine technology while focusing his research on hydro turbines. His expertise spans efficiency measurements for model and prototype turbines, turbine design, fatigue loads, and sediment erosion. He has supervised fifteen PhD students and over 100 Master's students. Currently, he oversees two PostDocs, five PhD students, and ten Master's</p>

<sup>1</sup> Equipment supplier and/or manufacturer, maintenance industry, etc.

<sup>2</sup> Financial, legal & developing institutions, development, public or commercial banks, financial organisations, and private investors/investment funds, international monetary fund, insurance, legal advisors, etc.

<sup>3</sup> R&D institutions, research centers and institutes of universities, etc.

<sup>4</sup> Environmental or conservation NGO's, civil society associations, policy makers, water resources associations, project stakeholders, etc.

	<p>students. Dahlhaug has been instrumental in founding five startup companies in wind and hydro turbine technology. In 2014, he served as the managing director of the Norwegian Hydropower Centre. Today, he is a key member of the management group at the Norwegian Research Centre for Hydropower Technology and serves as the Coordinator of EERA's JP Hydropower.</p>
<b>Motivation to become Governing Board member</b> (1300 characters with spaces)	<p>The main motivation to become a member of the Governing Board is to coordinate the communication with the commission, research and innovation that are carried out at EERA's JP Hydropower and ETIP Hydropower</p>