

Grant Agreement number: 727830

Fish friendly Innovative Technologies for hydropower



3rd Regional Stakeholder Workshop – Scandinavian region

**AGENDA: 3rd Regional Stakeholder Workshop – Scandinavian region,
4-5 June 2018, Stockholm, Sweden**

Meeting information

Meeting: 3rd Regional Stakeholder Workshop – Scandinavian region	Location: Energiforsk Stockholm, Sweden
Initiated by: FIThydro Norway and Sweden representatives	Date: 4-5 June 2018
Distribution: FIThydro Steering Committee and Norwegian and Swedish Stakeholders	Schedule: Monday 4 th June: 11.00 – 17.30 Tuesday 5 th June: 09.00 – 16.00
Host: SINTEF, Statkraft and Energiforsk	Venue: Energiforsk, Olof Palmes gata 31, Stockholm
Web: http://www.fithydro.eu/workshop-scandinavia3/	

AGENDA

Monday, 4th of June

Time	Item	Presenter
11:00 – 11:30	Welcome Presentation of FIThydro Project and of Stakeholders	Peter Rutschmann (TUM), Atle Harby (SINTEF), Angela Odelberg (Statkraft), Sara Sandberg (Energiforsk)

Time	Item	Presenter
11:30 - 12:00	Presentation on Statkraft activities related to hydropower, fish and mitigation measures	Mikael Lindström and Angela Odelberg (Statkraft)
12:00 – 13:00	<i>Lunch</i>	
Session 1: Ecology of fish species		
13:00 – 13:30	FIThydro activities related to non-salmonid species	Ruben van Treeck (IGB)
13:30 – 13:50	Hydropower impacts on grayling, whitefish and non-salmonid species in Norway. Status and mitigation measures	Jon Museth (NINA)
13:50 – 14:10	Modelling the effects on grayling of environmental vs regulated flow and morphological measures	Åsa Widén (Umeå University)
14:10 – 14:50	Discussion (ca. 40 min)	All
14:50 – 15:20	<i>Coffee break</i>	
Session 2: Flows and habitats		
15:20 – 15:50	Environmental and downstream flows in FIThydro	António Pinheiro (IST)
15:50 – 16:10	Environmental flows, habitat mitigation measures and fish migration research in Vattenfall	David Aldvén (Vattenfall)
16:10 – 16:30	Environmental flow and habitat mitigation in Mandal River, Norway	Svein Haugland (Agder Energi)
16:30 – 16:50	Mitigating negative impacts on fish populations in regulated rivers. Experiences from river basin management and cross-border collaboration	Atle Rustadbakken (County Governor of Hedmark)
16:50 – 17:30	Discussion (ca. 40 min)	All

19.30 Joint dinner in Stockholm for all delegates

Tuesday, 5th of June

Session 3: Downstream fish migration		
9:00 – 9:25	Downstream fish migration research in FIThydro	Laurent David (CNRS)
9:25 – 9:50	Results and findings from the SafePass project	Ana Silva (NINA)
9:50 – 10:15	Results, findings and examples from research on downstream fish migration past dams and barriers	Olle Calles (University of Karlstad)
10:15 – 10:55	Discussion (ca. 40 min)	All
10:55 – 11:20	Coffee break	
Session 4: Mitigation measures & challenges for decision-making		
11:20 – 11:40	Cost-effective mitigation measures in FIThydro	Atle Harby (SINTEF)
11:40 – 12:00	A Norwegian Handbook: Mitigation measures for improving the aquatic environment	Sebastian Stranzl (UNI Research)
12:00 – 12:20	Swedish legislation and national plan for hydropower	Inger P. Björklund (SwAM)
12:20 – 13:00	Discussion (ca. 40 min)	All
13:00 – 14:00	Lunch	
Session 5: Social acceptance of hydropower and FIThydro activities in Anundsjö HPP		
14:00 – 14:15	FIThydro Public Acceptance Survey	Eleftheria Kampa (EI)
14:15 – 14:35	Benefits from hydropower and reservoirs beyond power production and local environmental impacts	Tor H. Bakken (SINTEF)
14:35 – 15:00	Overview of Anundsjö hydropower plant, environmental challenges and stakeholder involvement	Angela Odelberg (Statkraft)
15:00 – 15:25	Overview of activities in FIThydro at Anundsjö. Examples from environmental design of Ljungan.	Kordula Schwarzwälder (NTNU)
15:25 – 15:55	Discussion (ca. 30 min)	All
15:55 – 16:00	Final remarks - conclusions	