



## Workshop on GEP inter-comparison case studies on water storage

13 -14 February 2017

Ministry of Agriculture, Forestry, Environment and Water Management  
Stubenring 1, 1010 Vienna, Room Gobelinsaal (1<sup>st</sup> Floor)

### Agenda

<i>Monday 13 February 2017</i>		
<i>Moderation: Wouter van de Bund, JRC</i>		
12:00-12:30	Registration	
12:30-12:40	Welcome	Karl Schwaiger, Ministry of Agriculture, Forestry, Environment and Water Management
12:40-13:00	ECOSTAT report on mitigation measures for GEP of HMWB impacted by water storage	Jo Halvard Halleraker, NO
13:00-13:30	Hydromorphology in the CIS: Update on activities & key open issues	Raimund Mair, European Commission
13:30-14:00	Concept for case study inter-comparison – Aims of this workshop	Jo Halvard Halleraker, NO & Veronika Koller Kreimel, AT
14:00-14:15	Discussion	
<i>Presentation of typical case studies</i>		
14:15-14:30	CS1. Low head run-of-river HPP with water abstraction and ponding effect	Veronika Koller Kreimel, AT
14:30-14:45	CS2. Low head run-of-river in-stream HPP with ponding (impoundment)	Sebastian Döbbelt-Grüne, DE
14:45-15:15	<i>Coffee break</i>	
15:15-15:30	CS3. Large scale HPP with storage in lake reservoir with discharge into river	Jo Halvard Halleraker, NO
15:30-15:45	CS4. High head HPP with storage in (artificial) lake reservoir in high altitude mountains	Veronika Koller Kreimel, AT
15:45-16:15	Introduction to break-out groups & to draft questionnaire for case study inter-comparison	Eleftheria Kampa, Ecologic Institute
<i>Parallel break-out group sessions</i>		
16:15-18:00	<b>Group A:</b> CS1. Low head run-of-river HPP with water abstraction and ponding effect CS4. High head HPP with storage in (artificial) lake reservoir in high altitude mountains	Moderator: Veronika Koller Kreimel, AT  Rapporteur: E. Kampa, Ecologic Institute
	<b>Group B:</b> CS2. Low head run-of-river in-stream HPP with ponding (impoundment) CS3. Large scale HPP with storage in lake reservoir with discharge into river	Moderator: Jo Halvard Halleraker, NO & Sebastian Döbbelt-Grüne, DE  Rapporteur: J. Rouillard, Ecologic Institute
18:30	Joint dinner at “Stadtwirt”, Untere Viaduktgasse 45/corner Marxergasse (close to the venue)	

<i>Tuesday 14 February</i>		
9:00-10:30	Parallel break-out group sessions (continued)	
10:30-11:00	<i>Coffee Break</i>	
11:00-12:30	Parallel break-out group sessions (continued)	
12:30-13:30	Lunch	
<i>Moderation: Raimund Mair, European Commission</i>		
13:30-14:00	Report-back from break-out groups	Rapporteurs / Moderators
14:00-14:40	Discussion on additional typical case studies	
	CS5: Low head HPP with a storage reservoir and a downstream dam with a pumping system	Maria Helena Alves, PT
14:40-15:00	Emerging good practice from Switzerland	Steffen Schweizer, Kraftwerke Oberhasli AG
15:00-16:00	Conclusions and next steps	
16:00	End of the workshop	