

IEA – EU COMMISSION

Hydropower and Fish

IEA Hydro Annex XIII– European Commission DG
RTD

Joint Workshop

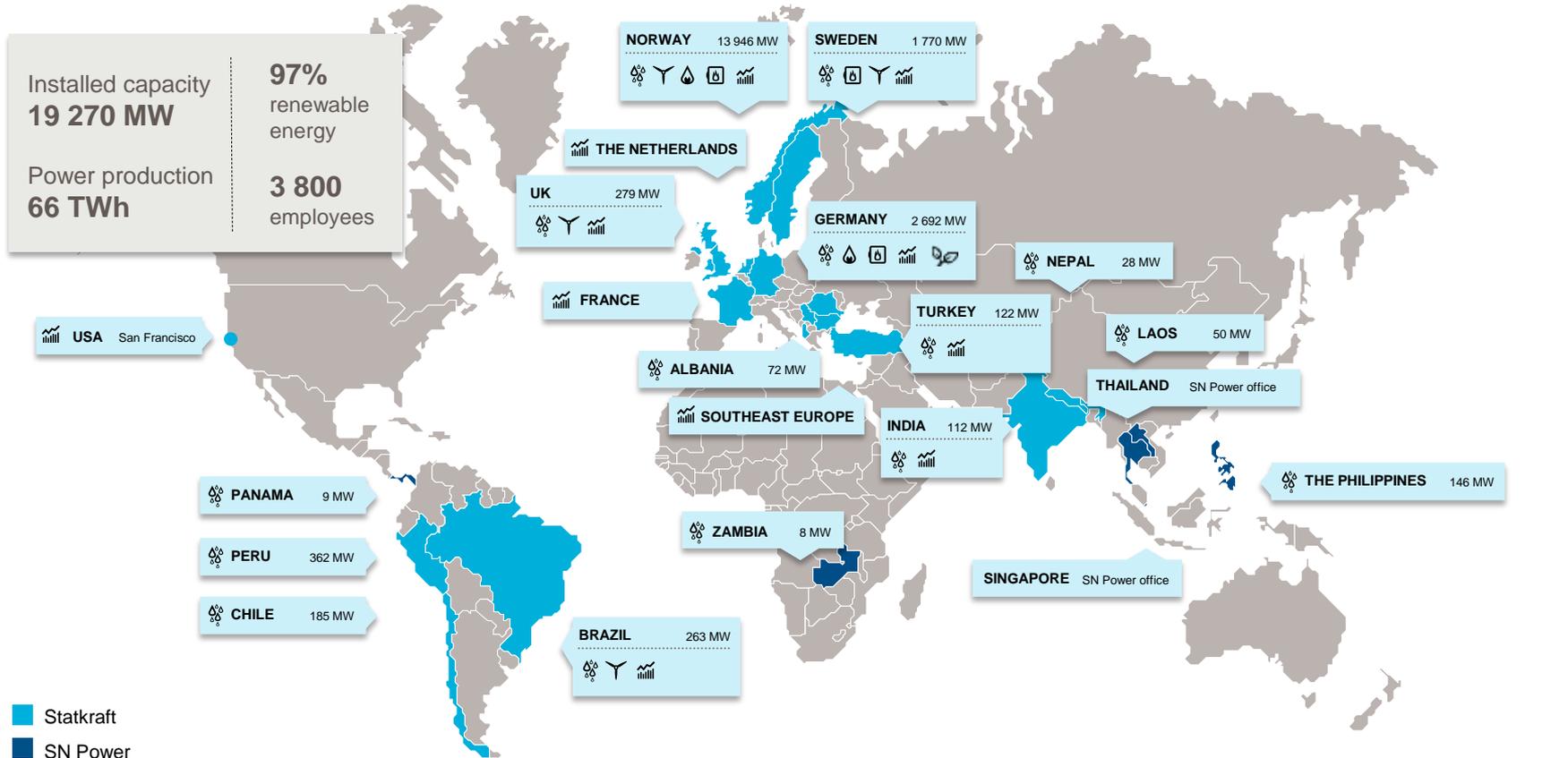
Research and Innovation in the context of European
Policy Framework Implementation

Brussels 29th-31st of May 2017

Agnar Aas, Statkraft: *Implementation of the WFD – long term operation of our flexible hydro power; balancing between environmental improvements and the need for more renewable energy, flexible operations and flood control*



Statkraft's global presence





Eco Hydrology



Hydropower

Flexible hydropower enables EU energy transition



Tysso 1

- ▶ Norway's total reservoir capacity ~ 85 TWh
- ▶ 50% of Europe's storage capacity
- ▶ Unique flexibility
- ▶ Ideal partner for intermittent wind and solar in Europe

Lake Blåsjø



Odda: flood damages Oct-2013 in the protected Opo river

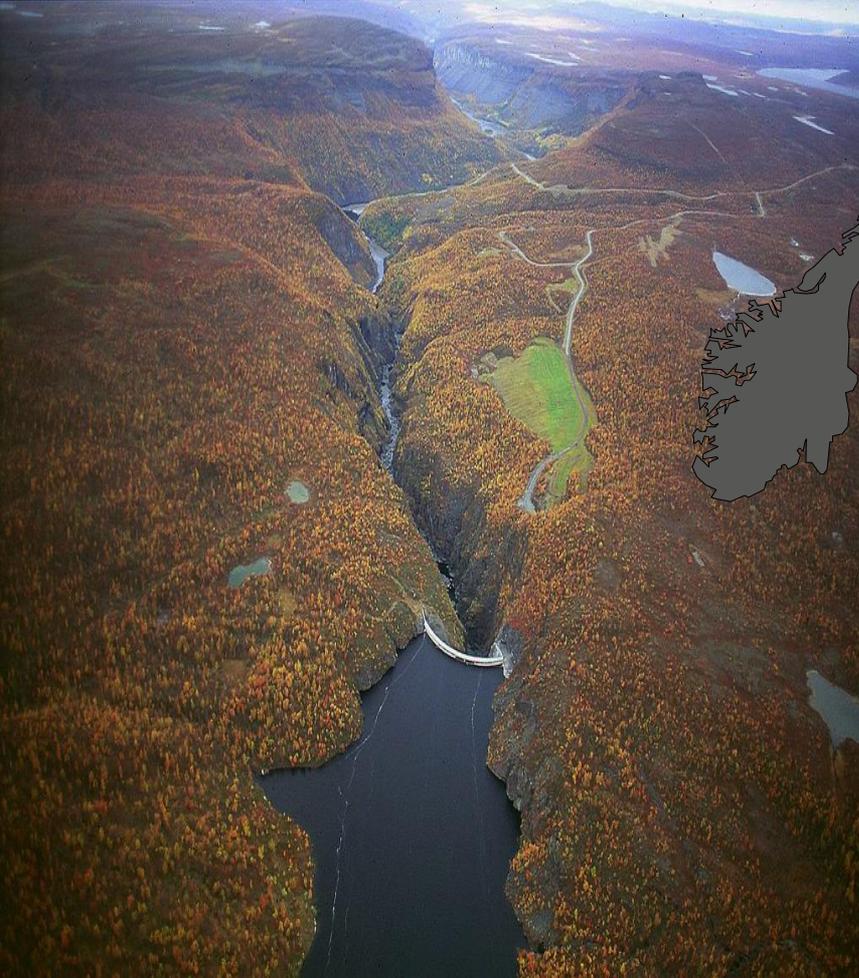
- ▶ View from the Troll tongue, 70 000 visitors last year, the regulated Ringedal reservoir below



- ▶ View from the Opo Flood damage Oct. 2013

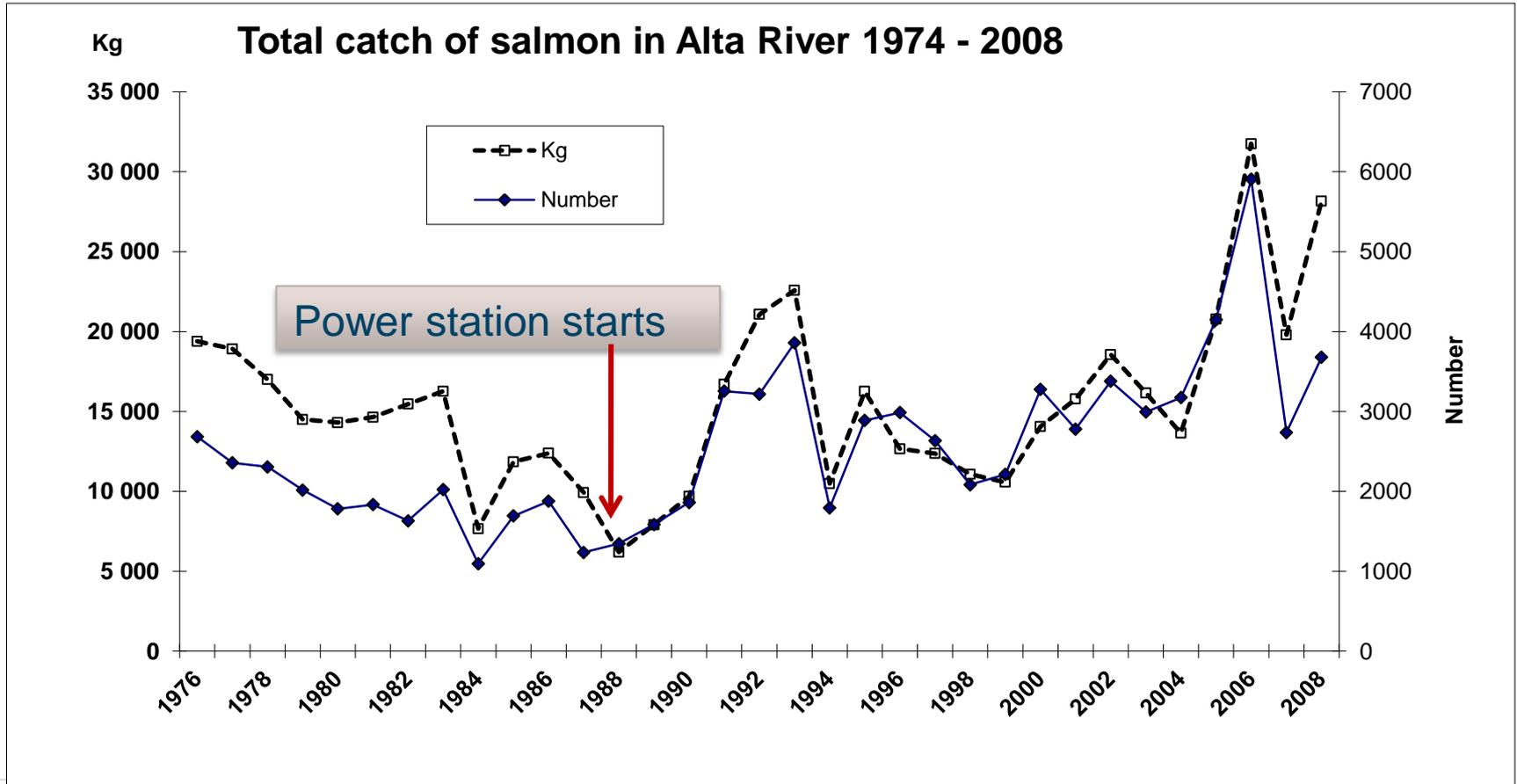


The Alta River



- ▶ Located in Finnmark county, 70°N Latitude.
- ▶ Heartland of the Sámi people.
- ▶ Ice covered six-seven months.

The catch of Atlantic salmon



Salmon caught in Alta River Oct 07 – 30 kg

Thanks, and
good luck-for all
of us !



Thank you for your attention!

