



# Centre for environmental design of renewable energy - CEDREN



NATURHISTORISK MUSEUM  
UNIVERSITETET I OSLO



**Atle Harby, Centre Director**





- ▶ 9 large research projects
- ▶ 7 Norwegian research partners
- ▶ 15 Industry partners and 2 management partners
- ▶ Budget: 360 MNOK (40 MNOK in 2015)
- ▶ 25 PhD and 6 Post-doc positions
- ▶ International student and professional exchange

## Renewable energy respecting nature



## Hydropower technology



## Environmental impacts of hydropower



## Environmental impacts of wind power and power transmission



## How to reconcile energy and environment policy?





# CEDREN

Centre for Environmental Design of Renewable Energy

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CENTRE FOR  
ENVIRONMENT-FRIENDLY ENERGY  
RESEARCH