



French-Norwegian seminar
Marine Renewable Energy
14th June-16th June in Oslo

The seminar is a platform for constructive dialogue which brings together business and scientific communities to draw out innovative and concrete solutions to marine renewable power generation. The goal is to target collaborative research & technology development prospects.

French organizing committee:

ADEME: Bernard Gindroz (bernard.gindroz@ademe.fr) and Eric Peirano (eric.peirano@ademe.fr)
Pôles Mer: Marie Marguerite Bourbigot (marie-marguerite.bourbigot@pole-mer-bretagne.com), Nicolas Teisseire (n.teisseire@audelor.com), Michel OLLIER, ollier@polemerpaca.com
French-Norway Foundation: Gérard Momplot (g.momplot@gep-france.com)
French Embassy: Jean Louis Duclos (jlduclos@france.no)
IFP: Andreas Ehinger (Andreas.EHINGER@ifp.fr)

Norwegian organizing committee:

Tor Arne Hafstad, tah@forskingsradet.no
Fridtjof Fossum Unander, fu@forskingsradet.no
Randi Aarekol Basmadjian; rab@forskingsradet.no
Anne Kristin Kleiven akk@forskingsradet.no

Organization

2-day seminar divided in five workshops.
For each workshop two moderators (one Norwegian, one French)
Number of participants: around 60.
Location: Norway, Oslo
13/06/2010: arrival of the French participants
14/06/2010 and 15/06/2010: seminar and site visit on 15/06 afternoon.
16/06/2010: site visits, business meetings



PROGRAM

Monday 14/06/2010

⇒ 8H30 : registration and welcome of participants

⇒ 9H00-10H00: Opening by officials.

Introduction by the research Council of Norway and Pôle Mer.

⇒ 10H00-12H30 (Room 1) : Workshop 1: Oceano-meteorological engineering :

- Wind resource mapping,
- Wind, surge, and currents modelling,
- Forecasting,
- Bathymetry and soils.

French moderator: IFREMER

Christophe Maisondieu : Christophe.Maisondieu@ifremer.fr

Marc Boulluec : Marc.Le.Boulluec@ifremer.fr

Michel Olagnon : Michel.Olagnon@ifremer.fr

Norwegian moderator: NORCOWE

Kristin Gulbrandsen Frøysa: kristin@cmr.no

⇒ 10H00-12H30 (Room 2) : Workshop 2: Technology, machines and foundations:

- Marinsation of the machines and components,
- Foundations,
- Floating structures (for wind turbines),
- Specific materials,
- etc...

French moderator: SAIPEM

Jacques Ruer, jacques.ruer@saipem-sa.com

Norwegian moderator: SINTEF

Bård Wathne Tveiten: bard.w.tveiten@sintef.no



Monday 14/06/2010

⇒ 14H30-17H (Room 2) : Workshop 3: Installation, operation and maintenance

- Techniques of offshore assembly,
- Sea-feedback of real experience,
- Maintenance,
- etc...

French moderator: TECHNIP,
Stephane His, shis@technip.com

Norwegian moderator: SINTEF
Jørn Heggset, jorn.heggset@sintef.no

⇒ 14H30-17H (Room 1) : Workshop 5: Development of projects including any types of renewable marine energies :

- Decision making tools (zoning, etc.)
- Impacts studies (methodologies, experience feedback),
- Management of conflicts of interest,
- Profitability (economic studies),
- Financial plans.

French moderator: Secrétariat Général de la Mer
Christophe Le Visage, christophe.le-visage@pm.gouv.fr

Norwegian moderator: NVE
Linn Silje Udem, lsu@nve.no

⇒ 18H00-20H30: **Cocktail at the French Embassy**, Drammensveien 80.



Tuesday 14/06/2010

- ⇒ 8H30-11H : Workshop 4: Energy transport and storage in the context of marine energy production :
- How to address the intermittent character of offshore energy production and of onshore energy consumption, need for energy storage for different energy generators and for different deployment scales,
 - State of the art of large scale energy storage,
 - Scientific/technical principles and feasibility of offshore pump storage, compressed air storage, and electrochemical storage if different from onshore storage, cost and environmental impact.

French moderator: IFP

Andreas Ehinger: Andreas.EHINGER@ifp.fr

Norwegian moderator: DNV

Christopher Greiner, christopher.greiner@dnv.com

- ⇒ 11H00-13H00 : Feedback from the moderators
Conclusions and perspectives

Tuesday 15/06/2010 afternoon and Wednesday 16/06/2010

- ⇒ Site visits, individual meetings
- 15/06 afternoon - Statkraft- "Osmotic power" at Tofte (NOT CONFIRMED)
 - 16/06 morning - Hywind near Stavanger/Haugesund (NOT CONFIRMED)