Demand Side Management: Empowering the end user in the energy transition

Bergen, 16. April 2018

Even Bjørnstad





International Energy Agency

Demand Side Management

Technology Collaboration Programme

NOVA

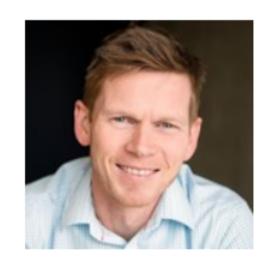


Enova SF

- National agency, promoting:
 - √ climate
 - ✓ security of supply
 - √ technology
- A wide target scope
 - ✓ sectors
 - ✓ value chain
 - ✓ market transformation
- Instruments
 - ✓ investment grants
 - ✓ loans
 - ✓ information/advice

Why is Enova here today?

- As host for the IEA DSM ExCo meeting
- To meet with relevant market actors



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What is IEA DSM TCP?

An International Energy Agency (IEA)
 Technology Collaboration Programme (TCP) on
 Demand Side Management (DSM) and energy efficiency

16 member countries + 3 sponsors



+ USA, India, South Korea, New-Zealand, Australia

Sponsors:

Regulatory Assistance Project (RAP) European Copper Institute (ECI) EfficiencyOne, Nova Scotia





«DSM day» take home

- The TCP gets deeper insights in Norwegian DSM context
- Exchange of research and market insights bidirectional
- Meet, discuss, find common ground?



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0- 09:10: Introduction: The IEA DSM programme.

Bjørnstad, Enova

0- 09:35: Non-wires alternatives to grid expansion

Hagen Øyan, Statnett

5- 10:00: National strategies and incentive programs for

ased energy system flexibility Thomas Berg, Enova

0-10:25: Flexibility resources as part of the solution for

nal grid owners Line Bergfjord, BKK Nett

e break

5-11:10: Research on the future intelligent, flexible and st distribution grid – with special focus on potential for and response from household customers *Hanne Sæle, EF Energy*

D- 11:35: Mechanisms and incentives for motivating user bility

ld Firman Fjellså , NTNU

5- 12:00: NODES: European marketplace for decentral

oility. Tain Haga

tein Hagen, NODES

12:00- 12:45: LUNCH

12:45- 13:10: Deep Energy Retrofit: Life Cycle Cost and Multiple Be on Project Level *Jan Bleyl, Energetic Solutions*

ieads energy effici

13:10- 13:35: Theories and methods for changing energy behaviour Sea Rotmann, Sustainable Energy Advice

13:35- 14:00: Blockchain technology and potential applications in the energy transition *David Shipworth, University College London*

Break

14:15- 14:40: Business models for energy efficiency services: User centeredness, capabilities and context *Ruth Mourik, DuneWorks*

14:40- 15:05: 25 years of energy system insight - the DSM Universi *Hans Nilsson, Fourfact*

14:40-15:15: The strategic view: DSM in the energy transition *Rob Kool, retired Chairman of IEA DSM*