

Energy Storage in the Grid: Low, Medium and Large Scale Requirements

January 8th

9:00 Registration

9:30 Welcome

9:45 End users storage

9:45 Smart Grids and Energy storage (ENDESA)

10:15 Storage in the railway (José Conrado Martínez, ADIF)

10:45 Coffee break

11:15 Energy Storage in Rural Grids (Santiago Martínez/
Ramón Gallart, Estabanell Energy)

11:45 The role of Storage in the Smart Cities (Olaf Wollersheim, KIT)

12:15 Economics of Storage (Peter Hall, Sheffield University)

12:45 Grid simulations of Storage Requirements (NEXT Energy Institute)

13:15 Lunch

14:30 Storage methods:
Contributions of the COST & XARMAE members

16:30 Break

16:45 Think Tank round table of Early Stage Researches

17:30 closing remarks

January 9th

9:00 Storage Projects

9:00 Hydro systems (IBERDROLA)

9:30 Mechanical Systems (Atle Harby, SINTEF)

10:00 Electrochemical (Hidrocantábrico)

10:30 Superconducting systems

10:45 Coffee break

11:15 European networks for Energy Storage

11:15 EIMIRI, EERA

11:45 EASE, EEGI
12:15 EU Comission Calls H2020

13:00 Lunch

14:30 Storage methods:
Contributions of the COST & XARMAE members

16:30 Break

16:45 Round Table
Energy research in EU, Networks trends & Funding Oportunities

17:30 closing remarks

January 10th

9:00 Storage and Generation

9:00 massive systems
9:30 Thermal Storage Systems (Marcos Lafoz, CIEMAT)
10:00 Kinetic systems in Wind farms (ZIGOR)
10:30 Albúfera (IMEDEA)

10:45 Cofee break

11:10 Role of Hydrogen	12:15 Aferdita Vecka
11:10 Fermin Cuevas	12:35 Alex Laikthman
11:35 Prof. Fokko Mulder	
11:55 Tayfur Öztürk	

13:00 Lunch