MEDOW Winter 2015 Meeting

19 - 23 January 2015

Brussels and Leuven, Belgium

Monday 19 January

Time	Activity	Location	Who
13.00 – 14.00	**Welcome and lunch with KU Leuven staff**	Park Inn, Leuven	All ESRs & ERs; KU Leuven ELECTA group PhD students
14.00 – 18.00	**Complementary skills training: Time & Management** *Carmien Brys, KU Leuven* (Coffee at 16.00)		
18.00 – 19.00	**Time for ESR/ERs' meeting**		All ESRs & ERs

Tuesday 20 January

Time	Activity	Location	Who
All day	**Industry day with Elia** 09.00 – 09.30 Welcome coffee 09.30 – 10.20 Alexandre Torreele: Innovation 10.20 – 11.10 Olivier Bronckart: NSA/TGX 11.10 - 11.40 Break for coffee 11.40 – 12.30 Johan Rimez TGX 12.30 - 13.20 Tim Schyvens LPI 13.20 – 14.00 Lunch 14.00 - 15.00 Bus Bvd. Empereur ->Schaerbeek 15.00 – 16.30 Visit National Control Centre	Elia System Operator, Boulevard de l'Empereur 20, 1000 Brussels	All ESRs & ERs

Wednesday 21 January

Time	Activity	Location	Who
All day	**Mid Term Review meeting** with our Project Officer from the European Commission **08.30 Coffee** **09.00 Introduction** Short introduction by the REA (EC) Project Officer, and the Project Coordinator (Cardiff University) **09.15 Tour de table** Scientist-in-charge of each partner institution to present their research team and describe their role in the network. Introduction of National Grid (Associated Partner) **09.40 Coordinator's report** Presentation on the Network and the Mid-Term Review Report (Principal Investigator Dr Jun Liang; MEDOW Project Officer Catherine Roderick) **10.30 Coffee** **10.45 Fellows' individual reports (ESRs 1-9)** 15 minutes per researcher (12' for presentation, 3' for questions): • fellows background (1 slide max) • the fellow's research work in work package and full project architecture • results achieved so far • difficulties and review of possible solutions to solve • career development plan **13.00 Lunch** **13.30 Fellows' individual reports (ESRs 10-12 and ERs x 3)** **15.00 Meeting between the recruited researchers and the REA representative** Discussion with the Project Officer about their experiences within the Network in terms of training, progress and impact on future careers. **16.30 Feedback and open discussion (and coffee)** Feedback from the Commission Project Officer and the Expert Reviewer and discussion on the output of the Network so far, on possible training areas for future exploitation or the impact on the fellows' future careers development. **17.15 Restricted session (if necessary)** Meeting between coordinator/partners/financial managers and Project Officer to discuss financial issues	Elia System Operator, Boulevard de l'Empereur 20, 1000 Brussels	All ESRs & ERs; all supervisors; Associate Partner (National Grid)
evening	**Supervisors' dinner with European energy & research representatives** (details to follow)	Brussels	Supervisors

Thursday 22 January

Time	Activity	Location	Who
09.00	**Coffee**	Park Inn, Leuven	All ESRs & ERs; all supervisors; Dr Norman MacLeod; external guests; KU Leuven ELECTA group researchers
Morning	**Assembly Meeting** As work package groups, MEDOW researchers will present their objectives and achievements. The audience will include MEDOW supervisors, Visiting Scientist Dr Norman MacLeod (Parsons Brinckerhoff) and researchers from outside the network. **09.30 – 11.00** WP1: Connection of offshore wind power to DC grids WP2: Investigation of voltage source converters for DC grids **11.00 – 11.30** coffee **11.30 – 13.00** WP3: Relaying protection WP4: Interactive AC/DC grids		
13.00 – 14.00	**Lunch**		
14.00 – 16.00	**Lectures from Visiting Scientist Dr Norman MacLeod of Parsons Brinckerhoff** 1. Recent developments in HVDC 2. A view on career routes from PhD level education		
16.00	**Coffee**		
16.30	**Work Package meetings**		All ESRs & ERs; all supervisors
evening	**Conference dinner** (details to follow)	Leuven	

Friday 23 January

Time	Activity	Location	Who
08.30	**Coffee**	Park Inn, Leuven	All
morning	**Committee meetings** **09.00 - 09.45** Training Steering Committee **09.45 - 10.30** Dissemination & IP Committee **10.30** coffee **10.45 - 11.30** Financial Management Committee **11.30 - 12.30** Supervisory Board		All committee members
morning	**Two-part course for PhD students on Small-Signal Model of AC-DC Systems** *Course run by MEDOW Experienced Researchers* **09.30 – 10.30** **Sahar Pirooz Azad:** "Small-signal model of AC-DC systems" (LCC-HVDC) **10.30** coffee **11.00 – 12.00** **Rodrigo Teixeira Pinto:** "Deriving a linear small-signal model from a non-linear model" (VSC-HVDC)		All ESRs & ERs; KU Leuven ELECTA group PhD students
12.30	**Lunch**		All

Notes:

DR NORMAN M MACLEOD, PhD, BSc, CEng, FIET, MIEEE

Dr Norman MacLeod has over 35 years of HVDC and FACTS experience. He is the Technical Lead on all matters related to the HVDC system from feasibility to commissioning. He is an expert in both conventional and VSC systems with a detailed knowledge of installation and commissioning procedures and processes for most major HVDC suppliers. He has extensive design and operational experience with HVDC facilities and FACTS devices. Responsible for the HVDC section in the preparation of functional specifications, feasibilities, procurement strategies, tender specifications, design review and contract management. He is responsible for HVDC business development and capacity building for the company.

Dr. MacLeod is the convenor of a CIGRE Working Group, an active member of the IEEE and the IET, and a member of Friends of the Super Grid (FoSG). He is a guest lecturer on the HVDC course at the University of Wisconsin – Madison.

Dr. MacLeod is currently a Visiting Professor at the University of Leeds, UK, Department of Electronic and Electrical Engineering and also a Visiting Professor at the School of Engineering at Cardiff University, UK.

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