

# Updated activities and milestones for CEEH 2010 – 2012

## January 2011

No	Short title	2010	2011	2012	Resp. Person
<b>WP1</b>					
1-10-1	Energy technology catalogue (new version) is made public (eventually internally) on the CEEH homepage. This Catalogue will supply a catalogue from the Energy Agency with additional technologies. <b>Decisions has been changed!</b>				KK
1-10-2	Document comparing the importance of different emissions scenarios (EDGAR, IPCC, and EMEP). (CEEH rapport no. 2)				JBR / KK
1-10-3	Documentation of data-flow in the CEEH system (incl. transfer of data between Balmorel and DMU's and DMI's ATM models). (INCLUDED IN MILESTONE 5-10-1). Same as CEEH report no. 1.				ALB/EK Interim version OK!
1-10-4a	Finishing development and implementation of all new modules (except transport and industry) to Balmorel. These modules are described in CEEH report no. 1.				KK✓
1-10-4b	Implementation of industry and transport module				KK
<b>WP2</b>					
2-10-1	Long-term runs for the reference year 2000 (DMI, DMU). Manuscript with inter-comparison of the reference concentrations in the two ACT models plus ENVIRO-HIRLAM.				EK
2-10-2a	Downscaling from city-scale to street scale (DMI, DMU). Description (manuscript) of quantitative method ready for implementation.				RN✓
2-10-2b	Writing a research note				RN
2-10-3	Implementation and test of the best performing semi-Lagrangian advection scheme in DEHM. This is part of the preparation for high resolution simulations.				JBR
2-10-4	Optimization of the chemical scheme in DEHM to be scale dependent. This is part of the preparation for high resolution simulations.				JBR
2-10-5	Implementation of LMCSL-M with Lagrangian vertical coordinates in ENVIRO-HIRLAM (collaboration between KU and DMI).				BS✓
2-10-6	Submit scientific paper on LMCSL-M with Lagrangian vertical coordinates.				BS
2-10-7a	Implement a hybrid Eulerian-Lagrangian scheme in a 2D rotation test (collaboration between KU and DMU). (BS, ABH, JBR, EK, Philip).				EK✓
2-10-7b	Write a report				BS
2-11-1	High resolution air pollution simulations for Denmark				ABH
2-11-2	Physical parameterizations				ABH
2-12-1	Validation of ACT for different scales				JBR/ALB
2-12-2	Running ACT for all emission scenarios				JBR/ALB
2-12-3	Analysis of modeling output for the final CEEH simulations				EK/ALB /JBR
<b>WP3</b>					
3-10-1	Submission of a paper about health effects on children by nitrogen oxide pollution in Denmark.				JB✓
3-10-2	CEEH dose-response functions for all relevant air				JB✓





