

# Minutes CAR-ES meeting 27-29 May 2008, in Norberg

## ***Participants in meeting:***

Jan-Olov Weslien, Lars Högbom, Staffan Jakobsson, Ulf Sikström and Eva Ring, Skogforsk Sweden; Magne Sætersdal and Kjersti Holt Hanssen, Norwegian Forest and Landscape Institute, Norway; Leena Finér, Ari Laurén, Heljä-Sisko Helmisaari, Hannu Ilvesniemi and Sirpa Piirainen, Finnish Forest Research Institute, Finland; Dagnija Lazdina and Andis Bardulis, Silava, Latvia; Iveta Varnagiryte, Lithuanian Forest Research institute, Lithuania; Per Gundersen, Morten Ingerslev and Karin Hansen, Forest & Landscape, Denmark; Ingeborg Callesen, Risø, Denmark.

## **Presentations bioenergy**

We had several well-presented and interesting presentations on bio-energy issues and the discussions were vivid and encouraging. Possible touch-points between countries become visible and will developed further.

## **Proposal SNS**

We had group discussions on ideas for the SNS call for proposals with a main focus on bio-fuels. Among the issues that came up as suitable proposal ideas were:

- Stump removal in cooperation with the OS-CAR.
- Data mining in NW Russia and the Baltic countries (Hannu)
- Networking on bioenergy and ES (biodiversity, water and carbon) – could be postponed to next year.
- Long-term effects on logging residues (Heljä-sisko, Dagnija Lazdina)
- Long-term liming and wood-ash effects (Ulf Sikström, Anna Samasari, Kjersti Hanssen, Iveta Varnagiryte). Ulf leads this and makes a proposal before end of June. He needs info on all experiments on mineral soils.

NMR may have other money for our research. Opportunities on liming and ash project above may possibly be financed from there. Morten will call the administration and hear about other financing possibilities.

## **Info-sheet Forest and Water (Dissemination exchange)**

An english fact-sheet about "Forest and water" in a political context is requested by SNS before August 1. It should also include what CAR-ES is.

The background could be elaborated on the basis of the Forest by water paper, guidelines report by Eva Ring et al (draft), FORMAN COST-action description and already existing fact sheets from our countries. It should contain simple messages (although not too simple), without keeping too green in the messages.

The messages and main points should be:

- Forests produce (provide) clean water (with current use and management)
- Historically – forestry have had heavy effects on water/streams – loaded from the beginning
- Risks for local negative impacts (disturbance) from forest management – can be reduced by wise management
- Forestry can make improvements in ways of working - One of the instruments: Buffer zones (some info on recommendations, width, increase broadleaf cover)

- Different knowledge in countries can be shared – CAR-ES compile and produce the needed knowledge
- Some external inputs (deposition of N, Hg) may accumulate and reduce water quality from forests (N leaching, Hg release after cutting)
- Climate change (+ temp + precip) could increase loads (incl sediments)
- Short presentation of the car
- Links to information sheets, reports on national inst. pages (also non English)
- Pictures (look for some, Leena permission for lake-buffer airphoto) and figures (Ari cartoon from FbW)

A first draft will be produced by Per and Karin, where after other contributors (Leena, Eva, Ari) give input.

A web page on the CAR home page will be devoted to the presentation of fact sheets and information publications from the partners in CAR-ES, with direct links to these services.

### **CAR-ES Workshop/Conference 2009**

- Mid to late September 2009 in Koli, Finland – a 3 days meeting
- Expectation 60-80 participant (Koli can take more), no parallel sessions
- Leena is leading (organising committee, science committee)
- Organising: Leena, Ari, Karin, Metla will help with advertisement, web...
- Scientific: Biodiversity (Jan, Magne), Water quality and quantity (Leena, Eva), Carbon (Bjarni, Per)
- Produce preliminary programme with 4+ keynote speakers (one general on ES including terminology may be, one on each main topic (eg. Biodiv. what is it good for), all from outside the group)
- Handle review (and edit) papers for a special issue in *Silva Fennica* (?). Leena asks the editor
- Per further investigates involvement of EFORWOOD ES group
- Money: CAR-ES can at least provide 5000 Euro. Need may be 25000 more (Leena find budget from similar previous workshop in Koli)
- Leena will initiate application to Finnish research council

### **Next meeting**

- Will be a working meeting where we work on the paper Forest by Water and prepare the 2009 workshop
- To be held in the Helsinki area 29-30 oct 2008
- Talks:
  - Pep-talk on some hot issue or the outcome of EFORWOOD ES
  - Bjarni (& Juka) - Carbon store, fluxes, trace gas exchange in FbW
  - Magne & Jan – Biodiv. and FbW
- Work on parts and bits for the FbW paper, to produce final version for review – bring computers
- Work on scientific program for ES workshop, including preparing material for web and leaflet, call for abstracts
- Other follow up tasks
- Prepare 2008 annual report

Karin Hansen/Per Gundersen  
June 19, 2008.