



LIFE Project Number

LIFE07 ENV/FIN/000133

6th Monitoring Progress Report

Covering the project activities from 31/10/2011 to 10/05/2012

Reporting Date

17/05/2012

LIFE+ PROJECT NAME or Acronym

Monitoring and assessment of carbon balance related phenomena in Finland and northern Eurasia

Data Project

Project location	Helsinki
Project start date:	01/01/2009
Project end date:	31/12/2012
Total budget:	2155627 €
EC contribution:	1046759 €
(%) of eligible costs	49.09

Data Beneficiary

Name Beneficiary	Ilmatieteen laitos
Contact person	Dr. Ali Nadir Arslan
Postal address	Erik Palménin aukio 1, FI-00101, Helsinki, Finland
Telephone	+358-50-320 3386
Fax:	+358-9-1929 4603
E-mail	ali.nadir.arslan@fmi.fi
Project Website	snowcarbo.fmi.fi

Summary of Progress

The activities of Action 1 such as arrangements of the official project meetings, coordination and monitoring of the project progress, preparation of the project deliverables, and monitoring of the project expenses are according to the project plan.

General Modeling Progresses:

- 10 year REMO forecast runs with standard land cover
- Hourly climate inputs for JSBACH from REMO are ready
- Latest instantaneous offline JSBACH was implemented
- Site wise JSBACH runs for Hyytiälä and Sodankylä are ready
- Growing Season from site wise results are calculated
- Implementation of spin-up routine applying Cbalone
 - thus spin up is very fast
- Implementation of YASSO

Finland extensive peat lands and their treatment in models is often relatively straight forward, although their status of varies considerably.

- New dataset for peat lands: 3-class classification
 - 25m raster
 - 3 classes
 - Peatlands in natural stage
 - Drained peatland
 - Peat extraction site

Data is based on topographic database of MML and interpretation method applied at SYKE shown in figure 1.

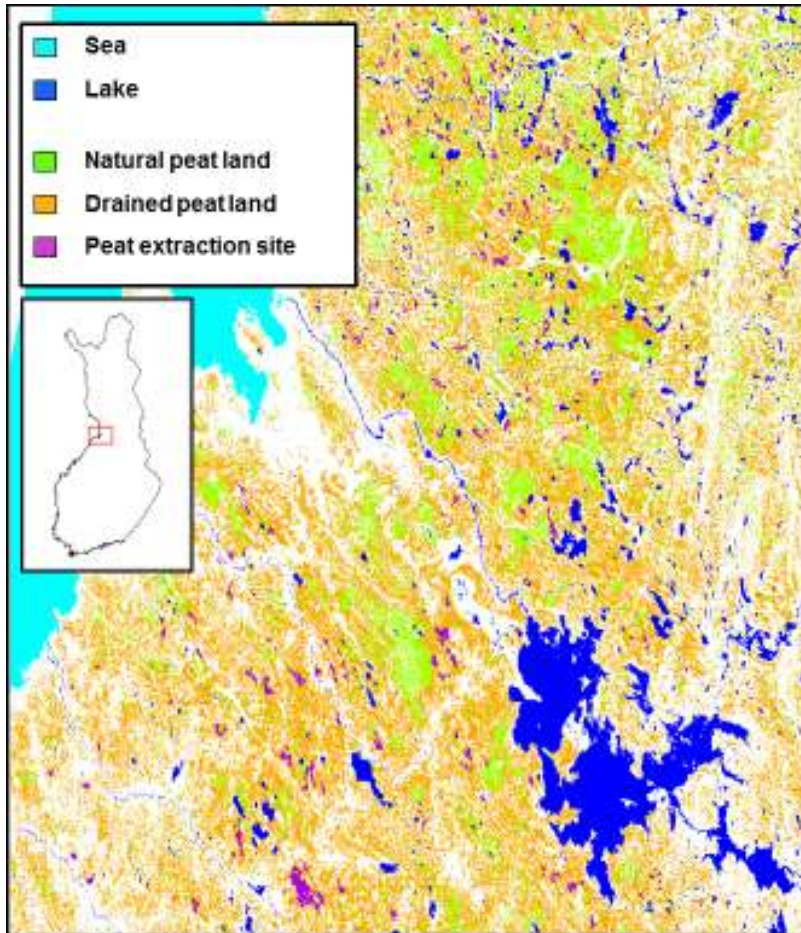


Figure 1: Classification of peat lands in Finland. Example is from region with large fraction of peat lands.

Dissemination plan is prepared:

1st Project brochure update by 29.06.2012

- Title “Modeling of natural background carbon balance and utilization of results in national and international greenhouse gas conventions and reporting”

Snowcarbo Web-dissemination

- Snowcarbo web-page by October,2012
- ERDAS Apollo web-system by October, 2012
- Ilmasto-opas.fi by 31.12.2012

Dissemination Stakeholder Workshop by second week of January, 2013

Project Brochure (FINAL) by 31.12.2012

Layman’s Report by 31.12.2012

Carbon balance atlas for Finland and Baltic EU by 31.12.2012

Synthesis report of project results for stakeholders and policy makers (in Finnish and English) by 31.12.2012

After Life+ Plans by 31.12.2012