

## **Minutes of the 2nd FINSKEN co-ordination meeting 20 March 2000, Finnish Environment Institute, Helsinki**

### **Present:**

Tim Carter (FEI), Chair  
Martin Forsius (FEI)  
Milla Johansson (FIMR)  
Kirsti Jylhä (FMI)  
Kimmo Kahma (FIMR)  
Jari Kaivo-oja (FFRC)  
Niko Karvosenoja (FEI)  
Virpi Lindfors (FMI)  
Johanna Rissanen (FEI), Secretary  
Riku Suutari (FEI)  
Sanna Syri (FEI)  
Heikki Tuomenvirta (FMI)

### **Apologies for absence:**

Tuomas Laurila (FMI)  
Jouko Launiainen (FIMR)  
Juha-Pekka Tuovinen (FMI)  
Markku Wilenius (FFRC)

**1. Opening and welcome:** all participants introduced themselves.

**2. Minutes of the 1st FINSKEN coordination meeting** were approved.

### **3. Operational questions:**

**a) Finance:** Johanna Rissanen reported the state of the project funding and introduced the budget allocation. There have been some technical difficulties with the funding contract of the Ministry of the Transport and Communications. When the funding is clear the inter-institutional contracts will be drawn up and sent to the partner institutes.

**b) Web site:** Riku Suutari introduced the draft of the FINSKEN main page and the construction of the web sites. There was discussion on the construction of the sites, especially concerning whether there should be frames on the pages or not and whether these are permitted on the web sites of FEI. The question will be clarified later. It is recommended that institutes introduce the project on their own pages and the sites are then linked to the FINSKEN web site. Not all the data on the web sites will be public. Groups will be contacted when information is required for inclusion on the Web site. **Action: Suutari.**

**c) FINSKEN presentations:** There have been some presentations of the project since the last meeting:

- at FIGARE meeting, Lammi (Carter)
- at FIGARE/FIBRE opening (Forsius, Tuomenvirta)
- at the meeting of the Steering Committee of the Academy of Finland (Carter)

**4. Status reports:** The sub-groups introduced their tentative plans and progress so far.

**a) Socio-economic scenarios** (Jari Kaivo-oja)

Some notes:

- have to decide which scenarios will be used
- first calculations in April

**b) Climate scenarios** (Tuomenvirta)

Some notes:

- Database-material (observational data) cannot be published on the web site, only the contact information for obtaining data.

**c) Sea level/wind-wave scenarios** (Kahma)

Some notes:

- four mechanisms affecting sea-level will be studied: land uplift, amount of water in Baltic Sea, short-term variation (storm events), global ocean-level rise
- NAO-index modifies sea-level and will also be studied
- Baltic Sea is seldom included in the regional scenarios based on global models. However, there may be information available later in the project from high resolution regional models.
- wind-waves scenarios will not be developed in this project, though preliminary investigations into procedures for constructing such scenarios will be made later in the project

#### d) Surface ozone scenarios (Lindfors)

Some notes:

- there have been discussions with EMEP modellers about conducting sensitivity studies of ozone response to SRES emissions and arbitrary changes in climate. Possible further simulations with climate model outputs of changed climate conditions (e.g. from the Max Planck Institute model) will be investigated
- Quantitative ozone scenarios for one of the SRES emissions scenarios will not be available by early 2001; however, qualitative scenarios can be constructed.

#### e) S, N, VOC scenarios and impacts (Forsius)

Some notes:

- It would be useful to identify groups who are conducting research into biogenic emissions?
- It should be decided, who will be the contact person between EMEP and FINSKEN and STOICHEM and FINSKEN

### **5. Co-ordination questions**

#### **a) Questionnaire:**

- to be sent to organisations and researchers involved in this field to find out which issues are of interest.
- it should be clearly said what is being done within FINSKEN.
- The questionnaire should be confidential
- The questionnaire should be easy to fill in. The question of languages arose: should the questionnaire be in English, Finnish and Swedish? And to whom should it be sent? The private sector should also be included. It was decided that a draft of the questionnaire be made in English and sent to the participants for comments in the near future. **Action: Carter and then all groups**
- FEI co-ordinates the questionnaire.
- Mailing list? Suggestions of recipients are welcomed.

#### **b) Interim scenarios:**

- It was decided that, if possible, at least one SRES-based scenario, and preferably two (an A and a B scenario) that embrace a range of conditions, be prepared by each group by April 2001. FIMR needs climate data from FMI for their work. **Action: all groups**

#### **c) Collaboration with groups outside FINSKEN:**

- Key-people could be invited to speak in seminars or workshops in Finland. There is travel-money for that. Any suggestions?

#### **d) Publications:**

- relevant publications can be listed on the Web site
- scientific articles should be published in normal journal series
- it was thought unnecessary to start a FINSKEN-series.
- interim reports will need to be published under a FINSKEN heading, and there will need to be a formal report to the Academy.
- One idea was to target a special issue of a journal, where final scenarios are reported at the end of the project.

#### **e) Forthcoming FIGARE activities:**

- Workshop on Socio-economic themes, Tvärminne in May 2000 or in autumn?
- Climate meeting, year 2001

**7. Other business:** A photo of the participants was taken for the use on the web site.

**8. Date/ location of the next meeting:** The next meeting will be before before midsummer. The date will be fixed later and the location is open to suggestions. **Action: Carter/Rissanen**

**9. Meeting was closed at 12.30**