



LOUNAIS-SUOMEN  
YMPÄRISTÖKESKUS  
SYDVÄSTRA FINLANDS  
MILJÖCENTRAL



## RUOVIKKOSTRATEGIA SUOMESSA JA VIROSSA Interreg IIIA

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### Planning meeting in Matsalu 18<sup>th</sup> October Hiiu-Lääne responsibilities in Reed project

Present;

Iiro Ikonen, LOS

Eija Hagelberg, LOS

Kaja Lotman, Hiiu-Lääne LK

Alex Lotman, Hiiu-Lääne LK

Ülo Kask, TTÜ

Mairi Tamm, TTÜ

Martin Maddison, Tartu Ülikool

### 1. International reed book:

General instructions; All articles should be sent to Iiro 15<sup>th</sup> March 2007, Iiro reads them and gives comments and discuss changes, after on month, 15<sup>th</sup> April ready texts go to translation.

The texts has to be sent first to Iiro. The book should be printed for the Matsalu seminar before the end of August 2007. Summaries in Finnish and Estonian, the whole book in English. Number of pages of each article: 5 pages A4 Times New Roman 12 pt 1,5 + photos, maps etc.

Eija and Iiro will send more information to all writers by e-mail. Possibly visible different colours for each theme.

Articles in order from 1 to 14

1. Siim Sooster and Jorma Häkkinen: 1<sup>st</sup> article "Traditional use of reed in Finland and Estonia" shall be ready latest 31.12.2006
2. Resource mapping in Finland and Estonia. Mats Meriste contributes to that in Estonia but Ülo Kask is also participating and is main coordinator. Timo Pitkänen from Finland.
3. Matsalu Reedbeds. Alex coordinates it all in Matsalu first, geological model, made by Mats Meriste, should be included somehow. It could be included also to the article 2, but the model is made only for Matsalu, so it fits better to Matsalu article.
4. Water protection issues shall be discussed during 19<sup>th</sup>-20<sup>th</sup> and later. Possibly Ülo Mander or other persons from TÜ or TTÜ (Arvo Iital?) can contribute to this, writers will be possibly discussed during next 2 days in water protection theme seminar
5. There are nice Life-projects, and Matsalu has done a lot for this (from reedbeds to meadows). Lotmans coordinate with Marika Kose. Someone from Matsalu could also be writer. Uusimaa could be involved because they have good harrowing experiences, Swedish experi-

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- ence and experiments such as Tåkern, Hornborga should be included. It could be an overview. Alex: The best experience in the world is in Sweden. Maybe Börje Ekstam could contribute to this. Possible could be very compact review from Börje. Iiro promised to contact him.
6. Vegetation classification: Natalia Räikkönen, this is clear and Natalia has good results. Mats and Alex have tried to copy it to Matsalu but they haven't succeed because of different surface in Matsalu, everything is different. Maybe it works in smaller reed beds in Estonia, but not in the huge Matsalu area. Maybe experiences from Sweden could be asked.
  7. Reed bed birds: Tarvo and Eve Mägi from LK.
  8. Invertebrates: it could be written by Henn Timm, limnologist, Kaja can ask. From Finnish side Arto Huhta can participate. There are books such as RSPB "Habitat management for invertebrates". Iiro could ask if Börje Ekstam could write or compile something the article about reedbed biodiversity. The invertebrates could be taken off! Maybe instead an overview about everything. Birds could be one article, because it really is so important. And vegetation classification.
  9. Construction: Hartwig Reuter, Markku Hyvönen and Siim Sooster shall be requested.
  10. Fireproof of thatched roofs, Burning characteristics. Andres Madalik has promised earlier to contribute in this.
  11. Local utilisation: Turku AMK and Sami Lyytinen can contribute to this, lot of interesting studies going on. In Lihula the use of reed is integrated in the plan. A small chapter about Lihula to article 12.
  12. Bioenergy: Ülo Kask listed already 3 problems where we could find solutions: 1) how much reed we have 2) what is the way to use it, how much can we use it 3) what is the optimal way to use it and when we can use it?
  13. Article 13: The ending article from the people who are participating in the preparation of the strategy: Iiro, Eija, Ülo, Lotmans and Juha Kääriä. Very compact article about the strategy. In the future strategy suggestions could be integrated to the regional spatial plan of coastal areas of countries concerned. Kaja or Alex in final chapter shall send it to Ülo.
  14. One article about handicraft, Outi Tuomela and Marju Pajumets?

Everyone shall send all texts to Iiro latest at 15<sup>th</sup> March 2007. 15<sup>th</sup> March 2007 is also date for next steering group meeting in Estonia. Because we are making strategy someone from Eesti LK should participate this time.

### **Nature values and utilisation of reedbeds and coastal meadows in Finland and Estonia**

Latest 1<sup>st</sup> August 2007 all articles to Iiro. There shall be 2 versions: Finnish and Estonian. Quite big publication, each article max 4 pages A4 Times New Roman 12 pt, 1,5 + photos. This could be more like expert publication.

Articles in order from 1 to 14

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1. Iiro writes first article compiling some experiences
2. Vegetation in coastal areas, Finland and Estonia. Possible writers were listed: Elle Roosaluuste, Janus Paal, Rein Kalamees. Iiro asks from Finland contribution of Kimmo Syrjänen.
3. Classification / Natalia Räikkönen and Mats Meriste. Tiina Elvisto maybe. Alex talks first to Mats, who can then contact Tiina.
4. Management of reedbeds and meadows and its impact to birds. Antti Below and Ilpo Huolman could be asked. Estonians want to see the draft of the article.
- 5-8. Reedbed invertebrates one article put together 5-8 put together, shorten publication
9. Nature directive species in reedbeds. It was thought that Aleksei could write this, but he is a bit surprised about this and is not sure whether he wants to make contribution to it. Possibly if it can be just what kind of directive species are in the reedbeds.
10. Presentation of some prominent Finnish Life-projects such as Lintulahdet and Urban LIFE. Maybe also others
11. Latest reedbed burning experiences in Finland and Estonia, now some experience in Finland also. Not too much data about it says Aleksei, there will come some experiments in 2007 and results can be used. Writers can come from Häädemeeste and/or Matsalu.
12. Use of reed and meadows in Silma. This article could be put together with number 10, Silma experiences are part of an ending Life-project.
13. Effects of grazing and mowing for coastal meadows vegetation in Northern Europe - compilation of studies.
- 14: This could be independent article or transferred inside some other article also. Eija and Ilona will write about cattle.
- 15: Financing of the management: possible writers Kimmo Härjämäki and Heikki Luhamaa. Heikki made a presentation of Estonian situation in Lithuania in the frame of ManTra –project in summer 2006.
- 16: Favourable conservation status (?) in Finland and Estonia: Kimmo Syrjänen. Kimmo has made several books about these things and coastal meadows, how big % should be restored, there are some possible models to count this. Kimmo doesn't have Estonian data. Aleksei doesn't know anyone suitable. Maybe someone could give relevant information to Kimmo. Important information how much must we in the future must protect and restore meadows. Straight input to the strategy! Sometimes people ask this, stressed Aleksei. Iiro contact later Lotmans if any information will be needed.
- 17: Meta-analysis by Elena Valkama
- 18: Nature values, balance between utilisation and preservation. possibly Iiro and Sami.

### Reed strategy in Väinameri area

Time table: we'll start compiling strategy in March, so the Estonian strategy publication should be ready at the end of 2007. This should be a compact publication. It could be possibly included in the Finnish environment series but we prefer Estonians? Iiro showed as example Halikonjoki publication (Suomen ympäristö –serie), and Aleksei said that he had been thinking something

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similar. Estonian environment sector doesn't have anything similar kind of series as Finland. Focus is in Estonia on Matsalu and Silma areas. In Finland the strategy pilot areas are much smaller than Estonian Väinameri.

Kaja stressed that in Matsalu budget are only salaries, no publication costs, no printing - so some changes should be done within shares of Estonian partners. It can be also printed by using TTU expert services. TTÜ has 23 000 euros for publications, printings, conferences. Could this publishing be in it? The numbers will be again changed in next steering group meeting: more money should be allocated from salaries to expert services.

Hiiu-Lääne will count how much this publication will cost and they will tell it to Ülo Kask (if I got it right).

Matsalu is in charge of preparing the contents of the publication. This is ok and of course competition bidding has to be done.

The draft should be ready in August for the seminar, so it will be ready right after the seminar.

There should be even one presentation in the seminar about this!!! Kaja Lotman maybe.

### **STUDENT WORKS:**

Any possibilities to make student works in Estonia?

In Matsalu has been done many student works.

Iiro: Olof Biström was willing to come to Estonia: inventory concerning Potamogeton species needed to contribute following inventory of Coleoptera -species Macroplea pubipennis. Maybe Triin is interested in Potamogeton inventory?

In TTÜ there isn't anybody doing student works  
Tartu Ülikool: Professor Mander can answer this.

### **BOOKLET FOR FARMERS:**

1 st July printing.

Ilona Lepik and another, the questions are translated and sent for Matsalu. Min. 2 farms from Estonia. The other one has horses and cattle, Ilona has cattle (Hereford and highlander).

**Leaflet: "instructions for reed cutting"**

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One possibility is to make it similar kind as presented leaflet “ an introduction about reed.” This has been made in Matsalu some years ago.

IMPORTANT: Financers Southwest Finland Regional Environment Centre and EU and eu-logos should be in all publications. In addition it should be mentioned that the financing is from Interreg –programme and Estonian Ministry of Interior Affairs (Eesti Siseministeerium). Reed project logo is needed everywhere!

### INVENTORIES IN HIIU-LÄÄNE REGION

Inventories that have been discussed previously in Hiiu-Lääne region:

- dragonflies
- otter
- Coleoptera
- birds

How much salaries could be used for inventories?

In Estonia LK Hiiu-Lääne old problems are continuing, they can't get any kind of loan (state organisation). We must solve this problem now, maybe make changes in the budget or responsibilities.

For inventories the most important is to summarize the past scientific work and to do new: fish and invertebrates.

Rita Miller: dragon flies

Moths: Henn Timm is good in all invertebrates.

Iiro: can you make some kind of paper for Ülo so that TTÜ could make the competition biddings for next years inventories.

Kaja: we need still to analyze old maps of all western Estonia, how reed has been used. Some maps from 1940's to now, to put them to gis and to analyze it. This has been made from Matsalu but it should be done for the whole Väinameri area.

Ottern and beaver inventory, semi-aquatic animals in reedbeds. There are lots of otterns and beavers living in reedbeds in Matsalu.

Monitoring studies, continuing monitoring work of Tarvo Valker & co, reed & birds.

Iiro has promised to send to Aleksei some Finnish inventory work about birds.

Matsalu total share was meant to be 62000 euros. 40 000 for salaries. ¼ is already spent.

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Actually TTÜ can buy work of good people who LK knows. That could solve the financing problem very well!

Aleksei and Kaja can make the suggestion for inventories before 1.11.

### **PRACTICAL MANAGEMENT:**

2005

This year 100 000 EEK is planned to be used. Now the work is going on. They have been cleaning small islands of reed. A rotovating machine is working now.

In water there are some reed areas, that they should get rid of. Also cleaning of meadows is important.

Siim Sooster has bought a Banden-Wagen (Swedish army machine) and modified it to winter reed cutting – could it be used to make mosaics in reedbeds in Matsalu ? Early spring or late autumn. To test banden wagen or seiga in the frame of this project.

They have used Truxor actually. To clean out reed they have done it.

To make good experiment it needs monitoring, stressed Aleksei. Iiro says that testes could be interesting even without monitoring.

There are many machines in reedbeds in Estonia in winter time, and they are doing trampling “accidentally”.

Iiro: innovative experiments could be done. And it is interesting to get this information to Finland, because Estonia (and especially Matsalu) has so much experience.

Matsalu will inform Ülo 1<sup>st</sup> November 2006 about new ideas for use of financing to the end of the project

### **4. Matsalu Reed seminar 2007 starting 30<sup>th</sup> August.**

1<sup>st</sup> day: specialist day

2<sup>nd</sup> day: common day

3<sup>rd</sup> day: excursions.

Lihula culture house has been chosen, There are no other choices in the neighbourhood and this must be explained to financiers.

28<sup>th</sup> February 2007 the call should be in all www-pages. “First circle”

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31<sup>st</sup> May 2007 latest date for registration.

Iiro will ask for key note speakers asap.

-Börje Ekstam?

-Hans Brix from Denmark?

-Somebody from other countries?

Maybe someone from ministries also to open the seminar. Ülo will handle this!

Lihula local municipality leader also might wish to say something.

Other speakers so far clear :

Kaja Lotman: Matsalu reedbeds

Iiro or Eija : Reed strategy

Ülo: Bioenergy.

Next year in Matsalu 50 years jubileum!!!

Competition bidding for simultaneous interpretation must be arranged. TTU will do it as well as arrange busses. There must be enough room for working groups during first day. There are in Lihula: mirror hall, table hall, lobby and cafeteria. We can show films there such as Matsalu bird paradise and organises reed game sessions. Kurala exhibition will be transported here. Marju has planned to use one building within old museum including exhibition possibility. Piia from Lihula art school is interested in participating, the role of Kuressaare ametikool must be asked.

2<sup>nd</sup> day: exhibition, local people can do something.

photo exhibition: place for exhibitions in Lihula culture house walls. Marju is contact person in exhibitions.

15<sup>th</sup> April to Matsalu Kurala exhibition. Maybe main part could be taken with environment centre bus during centre May spring visit.

Evening programme:

Traditional national dinner. Food from traditional landscapes and local food.

Registration to seminar:

Main page is in Matsalu -pages. Registration takes place through Matsalu -pages but links from other pages such as [www.ruoko.fi](http://www.ruoko.fi), who will be the person who can do the registration work.

They have some plans already for this.

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Other actions and planning in Hiiu-Lääne.

A small reed log-trail with a canal is planned near Altmoisa. That could be done. Soil will be modified for a bank, reed should be cut down, people can use it. People can walk on the bank.

LOS trip to Matsalu 25-26<sup>th</sup> May 2007

Good experiences about reed project should be shown, appr. 40 persons coming.

Altmoisa is possible, 40 possible but a bit too much, there is other possibilities such as Luige Villa: 40 persons. Both have saunas.

7. Water protection meeting 19-20 October in Altmoisa, everything should be in order.

8. Other things:

Making international project for bats / idea from LOS. Interested with cooperation with Estonia concerning bats. Kaja is very interested to work with bats!

2008 is international bats year. Matsalu is preparing a stamp from bats.

Steering group meeting in Estonia: 14<sup>th</sup> and 15<sup>th</sup> March 2007.

Estonian participants also welcome! Place is open: either Tallinn or Matsalu ?

We have to inform Ivar Ojaste about this soon!

Ending of the meeting 18.30

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