

Mara Nord Project News

Seasonal Greetings dear stakeholders,

Almost one year is over since we started to work on Mara Nord project. During this year the main achievements have been the work with the research and tests of the void content measurements, hiring the consultant for the Educational package and writing of the Nordic Recommendation. All of the tasks are still in the progress but never the less we have plenty of news to tell. Therefore we sincerely hope that all of you have booked in your calendars the dates of the relevant Mara Nord trainings but most importantly, the Seminar on the **Nordic Recommendations in Sweden, Luleå on Thu.10.02.2011** where all of the participants will have the chance for the first time to hear the mid-term outcome of the project activities and network .



Also it is important for us that you are present because we value your ideas and input. We sincerely hope that you see it as an important opportunity and will take part in the seminar. The project is offering the lunch and coffee during the seminar as well as invites you for the networking evening meal after the seminar. A common transportation from Rovaniemi will be organized leaving on Thu. 10.02 morning and coming back on Fri. 11.02 midday, after the steering group meeting and lunch. If you are interested to join the free transportation from Rovaniemi, please let us know by contacting Anita Narbro by email or phone. Let's make the best of it!

Wishing you Merry Christmas and a Happy New Year!

Project Manager
Anita Narbro

Bullet points

1. Greeting from project manager

2. Status updates:

WP1: Education and Demonstration

WP2: Harmonization of recommendations

WP5: Research and testing of the method

WP6: Project management

3. Project calendar and upcoming events:

- Recommendations draft ready (week 3)

- Edu. 1 Trainings

- In Norway (week 5) 2011

- In Sweden (week 6) 2011

- In Finland (week 12) 2011

- Seminar/workshop to present the draft recommendations and collect feedback for further work in week 6, 2011

- Networking event after the seminar/workshop (week 6) 2011

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1. Project Status updates:

WP 1 Education and Demonstration

The consultant Roadscanners Oy is working on the material for the Educational package 1, procurement training. The material will be ready by **17.01.2011**. The trainings will take place in Bodø (Norway), Luleå (Sweden) and Rovaniemi (Finland). The training days for the Finnish trainings now have moved to 21– 22.03.2011 due to the overlaps of the Transport Administration own events. The trainings are organized in two day sessions and the indicative topics for those are: Theory and equipments of the GPR, data collection and practical examples. And data processing and interpretation and practical examples.

WP2: Harmonization of recommendations

The consultant has agreed to deliver the first draft of the recommendations by **17.01.2011**. The material will be sent to all of the parties invited for the seminar in Sweden. It is very importance that all of you read the draft recommendations prior to the seminar as you will be expected to work in groups and give comments and feedback. Further information and the seminar programme will be available in the new Mara Nord website that will be published shortly at the beginning of the year 2011.

WP5: Research and testing of the method

GPR-measurements which are a part of work package 5 (WP5) were made in the summer and in the fall of 2010 by the project staff. In total 685 measurements were done.

In August 2010 analysis of the GPR-data began. At the moment the di-electricity values based on the GPR-measurements are calculated and the analysis still continues. Drill samples of the asphalt plates will be taken in the spring 2011. Results of these drill samples and the analysis of the GPR-data will be used to make the calculation model for the air voids more accurate.

In fall 2010 3D-laser scanning was also used to calculate the air void percentage of an asphalt plate. The laser scanning in the end worked. Making of the mathematical formula will continue in the winter 2010-2011.

WP6: Project Management

Mara Nord Project website is in the process of development. The domain is already existing and the address for the project will be as follows <http://maranord.ramk.fi/> Currently the pages are under construction but as soon as the contents will be ready we will inform you. Also the registration for the Finnish trainings will happen through the link placed on the Mara Nord website.

Bullet points

1. Greeting from project team

2. Status updates:

WP1: Education and Demonstration

WP2: Harmonization of recommendations

WP5: Research and testing of the method

WP6: Project management

3. Project calendar and upcoming events:

- Edu. 1 Trainings

- In Norway (week 5) 2011
- In Sweden (week 6) 2011
- In Finland (week 7) 2011

- Seminar/workshop to present the guideline draft and collect feedback for further work in week 6, 2011

- Networking event after the seminar/workshop (week 6) 2011

