



Lead Partner:	<b>Národné lesnícke centrum</b>
Project name:	<b>Inovatívne metódy inventarizácie a monitoringu lužných lesov Dunaja s využitím 3-D technológií diaľkového prieskumu Zeme/ Innovatív módszerek a Dunamenti ártéri erdGk leltározására és monitorozására korszerV 3-D-s távérzékelési technológiák segítségével</b>
Project code:	<b>HUSK/1101/1.2.1/0141</b>
Activities:	<b>1, 2, 3, 4, 5</b>

Place of meeting: National Forest Centre, Research Station, Banská Štiavnica  
Date of meeting: 18.-19.10.2012

## **KICK-OFF MEETING MINUTES**

**THURSDAY, 18<sup>TH</sup> OCTOBER 2012**

Meeting was opened by Dr. T. Bucha, who gave the welcome speech and started with brief introduction of the Research Station and its history and with short introduction of project participants.

Dr. Bucha introduced tasks and aims of the project, expected results and outputs. Then he informed about the activities performed before signing the Partnership contract and finally the Subsidy contract, which is in the process of preparation from the site of JTS.

Also he informed about the state of public procurement of planned equipment and project items.

After the first part of meeting there were followed the short presentations of each participant.

Financial manager of lead partner Mrs. M. Slivková presented administration part of the project and gave information about organisational and financial matters and documentation needed during implementation of the project.

During the discussion, which followed, some questions were raised concerning the project implementation.

*Who will receive the money reimbursed for the Application for reimbursement?*

*Has to each partner found specific bank account for the project purpose?*

- Lead partner will receive the money on its specific bank account in EURO. Appropriate parts of funds will be then transferred on the bank accounts of partners.
- Main cross-border partner (ERTI) has to found specific bank account in EURO for the project purpose only. Other partners (NYME) can use general bank account.

- ✓ Concerning the project activities the Hungarian partners suggested to share and exchange data and files on the created project website.
- ✓ Another suggestion was to use website as internal IS, where the database can be put with the timelines and tasks which needs to be fulfilled using messages with aim to inform partners and to centralize administration of the project in line with 4month periods.
- ✓ The first step will be the update of time-schedule and release on the website by the half of November 2012.
- ✓ One from discussed ideas was to create the list with email addresses of project partners (INMEIN.nlc.sk) for general use to facilitate a mutual communication.

First day of the meeting was concluded by Steering committee. Members of SC were Dr. Bucha, Dr. Király and Dr. Illés.

During SC meeting were suggested the first outlines of final scientific seminar. Expected place of seminar is the National Forest Centre in Zvolen and expected number of invited experts is 60.

### FRIDAY, 19<sup>TH</sup> OCTOBER 2012

Dr. Bucha, coordinator of the project opened the morning workshop.

He introduced each participant and gave the general overview of workshop time harmonogram.

9.00 – 11.10

First topic of the morning workshop was Aerial survey: preparation, harmonisation, realisation within the Activity 1.

Chairman of this part Dr. Halvoň presented Department of Remote Sensing, Department of Forest Data and Department of Geoinformatics of NLC, SW and HW used in departments and planned additions during implementation of INMEIN. He informed about HW and SW procured from ongoing project funded by Swiss contribution, which will be also used during the project INMEIN. Then he introduced time schedule of procurements, tasks and methodology used in Activity 1.

Dr. Kulla opened the second part of morning workshop and presented ideas and methodology of Activity 2 with main topic Draft of a concept for detecting the stand and tree characteristics for validation of the results from aerial survey.

On discussion, which followed, was agreed that reference and control field measurements will be specified and finalized in cooperation with Sačkov, Kulla, Király and Illés till the end of the year 2012.

13.00 – 17.00

Dr. Király opened the afternoon part of workshop with presentation of Activity 3-1 Research of method for measurement of dendrometric characteristics and forest conditions assessment from LIDAR and AMMI (aerial multispectral images) and its main tasks.

He presented previous experiments and future directions in determining the forest characteristics based on remote sensing data.

He explained the current situation, acts and regulations in the field of remote sensing and aerial surveys in Hungary. Then he presented Hungarian sample area and regulations, which need to be performed to obtain any permission for remote sensing.

Invited was also the head of PHOTOMAP, Ltd. company Mr. Ďurica, who presented aerial technology, strategy, business, results and future perspective of the company.

He presented remote sensing, terrestrial, underground and bathymetric mapping, and data post-processing of survey.

Mr. Koreň from the Technical University in Zvolen, Department of Geoinformatics, presented experience with terrestrial laser scanning in forestry, new sources of geographical data, point cloud processing, developing of digital elevation model, etc.

Dr. Bucha continued with presentation of Activity 3-2 Typification the stand textures and structural typification of forest stands. He presented his focuses and solutions of main tasks, combining a data from AMMI and LIDAR to create the concept of derivation of structural elements of forest stand from aerial images.

Mr. Illés presented the topic Monitoring of forest ecosystems in Danube inundation within the Activity 3-3 and its proposal of the new harmonized methodologies for measurement of dendrometric variables and assessment of forest condition.

He introduced history of monitoring in Hungary, tasks, methods, data and achievements in this field with focus on remote sensing data evaluation, which will be intensified during the implementation of INMEIN.

He expressed his hope and expectations that the project will be good start to create joint expert database and to develop identical methods applied by all partners.

Dr. Bucha summarized the Activity with its 3 sub-activities. He emphasized to develop more detailed joint methodology and to communicate intensively together with experts in the Activity 2 with the vision to connect two ongoing systems – terrestrial and remote sensing system.

Dr. Vančo presented Communication activities, publicity and dissemination of project results. He informed about project website, which is already in process of creation, and will be available in 3 languages – Slovak, Hungarian and English.

Then he informed about promotional materials (project flyers, information panels and posters), which will be placed in the partner organisations.

Further issues were scientific papers and press releases, which need to be published and joint event - an international scientific seminar at the end of the project.

He pointed out using of the EU flag and the ERDF and the Programme logos and slogan as well as indication of project equipment with propagation stickers.

Dr. Bucha concluded all-day workshop and the whole Kick-off meeting and he thanked to all participants and all partners for their efforts and work done so far and encouraged the further progress in planned tasks.





