



Update of activities

April 2014

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Italian part and final document: prepared by Bruno De Cinti (Technical Manager of the Project) and ManFor C.BD Action leaders, Monterotondo (RM) 02 May, 2014

Action 1-2 - Project Management and Project Monitoring

- PMa – PMo.

- Day by day coordination and management activities
- Coordination of different project activities and administration tasks.
- Preparation of documentation for the contract for co-financing (the Slovenian Ministry of Agriculture and the Environment).
- Preparation of the monthly report (for the Astrale Monitoring Team and for the Slovenian Ministry of Agriculture and the Environment - national co-financier).
- Preparation of the financial documentations for both Italian and Slovenian part of the project.

Action 3 – Ecological connectivity, landscape patterns and representativeness of test areas

- ECo

- Remote sensing data pre-elaboration

- ECo SI

- Evaluation of socio-demographic indicators at the landscape level.

Action 4 Analysis and design of forest management options.

- AnDeFM

- Evaluation of options to be analysed at site 7 - Vallombrosa after windthrow of November 2013

- AnDeFM-SI

- No relevant activities have been carried out in this action

Action 5 Implementation of forest management options in the test areas.

- IMP

- Routine surveys (meteo) at the site of Pennataro (Molise region);

- Work on the indicators
- Data processing
- Attending the Italian partner meeting in Isernia
- Attending the Regione Molise partner meeting in Campobasso
- Tree marking operation at the site of Pennataro (Molise region)
- Resume of operations of collection of felled wood at Mongiana
- Site 6 - Pennataro Monte di Mezzo. Meeting for operational start of: i) legal: marking operations; ii) preparation of the harvesting with involvement of Regione Molise;

- **IMP-SI**

- Evaluation of data obtained at the field measurement and assessment.
- Calculation and evaluation of forest stand indices.

Action 6 Assessment of indicators related to carbon cycle of managed forests.

- **ForC**

- Nitrogen data analysis on soil samples
- Chromatic soil assessment by Munsell standards on spectroscopic Vis-NIR images
- Statistical analysis of the carbon contents prediction model based on spectral data
- Soil respiration measurement in site 04 (Mongiana).
- The soil respiration experiment (measurement in a thermostatic controlled chamber of soil respiration at different temperatures) carried out on site 02 samples, is finished

- **ForC-SI**

- Installation of data-loggers at the test sites Kočevski Rog and Snežnik.
- Regular maintenance of automatic weather station and data-loggers at the plots.
- Installation of dendrometers in a field and checking.
- Maintenance and cleaning of equipment after the fieldwork.

Action 7 Assessment of indicators related to forest biodiversity.

- **ForBD**

- Writing ManFor annual report
- Organizing 2013 field work
- Planning of field activities for 2014
 - Subaction 2 Assessment of Fauna Diversity
 - Vertebrate
 - Writing Poster for the IX Congresso di Teriologia
 - Data elaboration
 - Sampling on site Pennataro-Montedimezzo for Salamandrina study(demography and population density studies)
 - Invertebrate
 - Sorting of the samples collected in 2013 for the target families of coleoptera and diptera
 - Sampling activities in site 01 (Cansiglio)
 - Subaction 3 Assessment of Plant Diversity
 - Study on Functional Traits in relationship with the forest structure
 - Analysis on relationship between beech forest and flora understorey
 - Sub-action 4 - Assessment of dead wood

- No relevant activity has been done during this month

- **ForBD-SI**

- There were no activities in this month.

Action 8 – Demonstration Areas.

- **Dem**

- Preparation of the inauguration of the demonstration area (Action DEM) that will take place within the event Riserva Amica (Festa Nazionale delle Riserve Naturali dello Stato) that will be held in Pian del Cansiglio (BL) on May the 11th.

- **Dem-SI**

- Preparation of information for the demonstration areas and creating of components for notice boards and other information material.

Action 9 – SynTran – Synthesis and Transferability of Project Results.

- Starting of preparation of the three “Manuals”: Best practice, Indicators and Manual for Regional interests (list of chapters and paragraphs, writing groups, etc.).

Action 10 – Communication and Dissemination.

- **CD**

- Publication of the book “I Custodi della Natura” (Annex 1)
- Preparation of the book launch within the event Riserva Amica (Festa Nazionale delle Riserve Naturali dello Stato) that will be held in Pian del Cansiglio (BL) on the 11th of May).
- Updating of the facebook page
- Participation of the coordinator to the International meeting “*La Convenzione delle Alpi e la Convenzione dei Carpazi: Esperienze a confronto. Gli Appennini, una catena montuosa Europea*” Sarnano organised by the Alpine Convention at Sarnano (MC, Marche, Central Italy) where the project was presented within a oral talk (*Mountain forests: research priorities and opportunities for silvicultural management and ecosystem services provision*, Scarascia G., Matteucci G., Tognetti R., Marchetti M.)
- Publication of a paper on the salamander diet studied at the site Pennataro – Monte di Mezzo in the scientific journal *Amphibia-Reptilia* (Costa A., Salvadio S., Posillico M. Altea T., Matteucci G., Romano A. 2014. What goes in does not come out: different non-lethal dietary methods give contradictory interpretation of prey selectivity in amphibians. *Amphibia-Reptilia* (2014) DOI:10.1163/15685381-00002944).
- Publication of a paper on the impact of management operations on forest structure and complexity at the site 1 Cansiglio and site 5 – Mongiana in the scientific journal “*Annals of Silvicultural Research*” (Becagli C., Puletti N., Chiavetta U., Cantiani P., Salvati L., Fabbio G. 2013. Early impact of alternative thinning approaches on structure diversity and complexity at stand level in two beech forests in Italy. *Annals of Silvicultural Research* 37 (1), 2013: 55-63

○ **CD-SI**

- Preparation of short papers for the second issue of Slovenian ManFor newsletter (ManFor novice).
- Editorial activities for the second issue of Slovenian ManFor newsletter.
- Preparation of paper on the forest ecosystem services in area of Trnovo.
- Collaboration with Slovenian Forest Service in preparation of different communication and dissemination actions.