



## Update of activities

**October 2014**

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*Italian part and final document: prepared by Bruno De Cinti (Technical Manager of the Project) and ManFor C.BD team members, Monterotondo (RM) October 31, 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 the financial documentations for Slovenian part of the ManFor C.BD project.
- Coordination of preparation of Slovenian report for national co-financier (Minister of Agriculture, Forestry and Food – before Ministry of Agriculture and Environment)
- Preparation of a new meeting finalized to plan the Syn Tran Action outputs
- Planning of a workshop among the project staff and representatives of the National Order of Doctors of Agronomy and Forestry (CONAF) and of the Regions, and that will be held in January 2015 in order to present them a first draft of the Manual of Best Practice and to collect their impression and suggestions.
- Supervision (together with responsible of actions IMP and AnDeFM), of the harvesting operations in the site 06 (Tarviso) carried out by an automatized machine (harvester)

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

#### **- ECo**

- Remote sensing data pre-elaboration
- Literature review of best Forest management practices (BFMP) related to landscape

#### **- ECo SI**

- There were no activities in this month.

### **Action 4 Analysis and design of forest management options.**

#### **- AnDeFM**

- Supervision of the of the harvesting operations in the site 06 (Tarviso)
- Tree marking operation on test area at the Site 07 (Vallombrosa)
- Mensurational survey at an ageing plot to be used as an example for the implementation

of similar ageing islands at the ManFor test sites

- **AnDeFM-SI**

- Preparation of the material for the final report; calculations of growing stocks, increment and other.

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

- **IMP**

- routine surveys (meteo) at the site of Pennataro - Montedimezzo (Molise region);
- building up the ACCESS database (in progress)
- data processing
- mensurational surveys on established plots concerning “Habitat trees” at the site of Pennataro (Molise region)
- survey of thinning operations at the site of Tarvisio
- Tree marking operation on test area at the Site 07 (Vallombrosa)
- Mensurational survey at an ageing plot to be used as an example for the implementation of similar ageing islands at the ManFor test sites

- **IMP-SI**

- Selection of field sites close to Kočevski Rog and Snežnik test sites (with similar altitude, same vegetation etc.) which have undergone similar management treatment 10-20 years ago, to be used for the assessment of management options and silvicultural plans, and for detailed investigation of tree species composition.

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

- **ForC**

- In the following sites the listed operation have been done:
- In site 01 the following measurement on the soil have been performed:
  - Soil fluxes
  - Moisture
  - temperature
- In site 02 a regular maintenance of field equipment for meteo data collection have been done, litter bags have been removed and weighted, furthermore the following measurement on the soil have been performed:
  - Soil fluxes
  - Moisture
  - temperature
  - Sample collection (soil cores)
- In site 04 the following measurements on the soil have been done:
  - soil moisture
  - temperature
  - respiration;
  - water content
  - silver fir regeneration dynamics measurements
  - *ex post* soil and litter sampling
  - sample soil processing:
    - chemical/physical analysis
    - TOC, N determination
    - tessiture and pH determination

- **ForC-SI**
  - Regular maintenance of field equipment for measuring soil respiration on the plots.
  - Collecting data on temperature regimes on the plots.
  - Start of the second soil sampling (replication after logging) at all Slovenian test sites.

**Action 7 Assessment of indicators related to forest biodiversity.**

- **ForBD**

*Sub-action 2 Assessment of Fauna Diversity*

- Invertebrate:
  - finishing of the sampling season for 2014, with the removal of a total of 45 window traps and 15 Malaise traps from Chiarano (site 2), Mongiana (site 4) and Tarvisio (site 6) and, collection of the samples.
  - developing of the database of sorted specimens for the samples collected in 2013.
  - survey for the development of deadwood management best practices for biodiversity through the implementation of ageing islands in the test areas.
  - sorting of ground beetles samples collected in site 01 (Cansiglio) during the last months is going on.
- Vertebrate:
  - ultrasound analysis and bat species identification Sampling at Pennataro-Motedimezzo site (*Salamandrina perspicillata*)
  - data elaboration of last sampling on *Salamandrina perspicillata*
  - presentation for the next National Congress of Societas Herpetologica Italica
  - participation in X National Congress of Societas Herpetologica Italica (Genova) with two oral presentations
  - sampling at Pennataro-Motedimezzo site (*Salamandrina perspicillata*)
  - data elaboration of last sampling on *Salamandrina perspicillata*
  - analysis of the components of the birds nest
  - environmental surveys at the sites of location of bird nest boxes
  - archiving bird data collected during the breeding season in 2014
  - bird data processing

*Sub-action 3 Assessment of Plant Diversity*

- There were no activities in this month.

*Sub-action 4 - Assessment of dead wood*

- There were no activities in this month.

- **ForBD-SI**

- Analysis of structural diversity indexes on the stand level.
- Analysis of data on the plant species diversity (comparison of state before and after logging) for all test sites.
- Determination of carabid beetles species sampled at Slovenian test sites.

**Action 8 – Demonstration Areas.**

- **Dem**

- Realization of the notice boards (Site 02)
- Guided visit in site 01 (Cansiglio)
- Preparation of a tender notice for the realization of 8 notice boards in Site 03 (Lorenzago di Cadore)

- **Dem-SI**

- Preparation of topics for the demonstration areas from the general forest inventory data

- and some research findings from the research plots;
- Defining and elaboration on info tables at specific forest complex;

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

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

**Action 10 -- Communication and Dissemination.**

- **CD**

- Publication of a paper on the Italian magazine “Sherwood” titled “Progetto life+ Manfor C.BD. Un’esperienza per valorizzare tutte le funzione del bosco” (annex 1).
- Update of the new web site

- **CD-SI**

- Cooperation with Slovenian Forest Service and Biotechnical Faculty in preparation of different communication and dissemination activities.
- Preparation of the third issue of Slovenian ManFor novice (newsletter).
- Editor activities at the preparation of Slovenian report for national co-financier