



FutMon project status in Romania

Forest Research and Management Institute (ICAS)

Associated Beneficiary N° 20

1. Actions progress report and future work

2. Financial reporting

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1.Actions progress report and future work

- The project started at 1st of January 2009;
- Agreement between coordinator (vTI) and Assoc. Benef. (ICAS) was signed;
- Agreement between Assoc. Benef. (ICAS) and cofinancer (Romanian Ministry of Agriculture, Forests and Rural Development) is expected to be signed in the next couple of weeks;
- Prepayment received from vTI.

1. Actions progress report and future work

- FutMon actions for Romania

- L1
- L2
- IM1
- D1
- D2
- D3



1.Actions progress report and future work

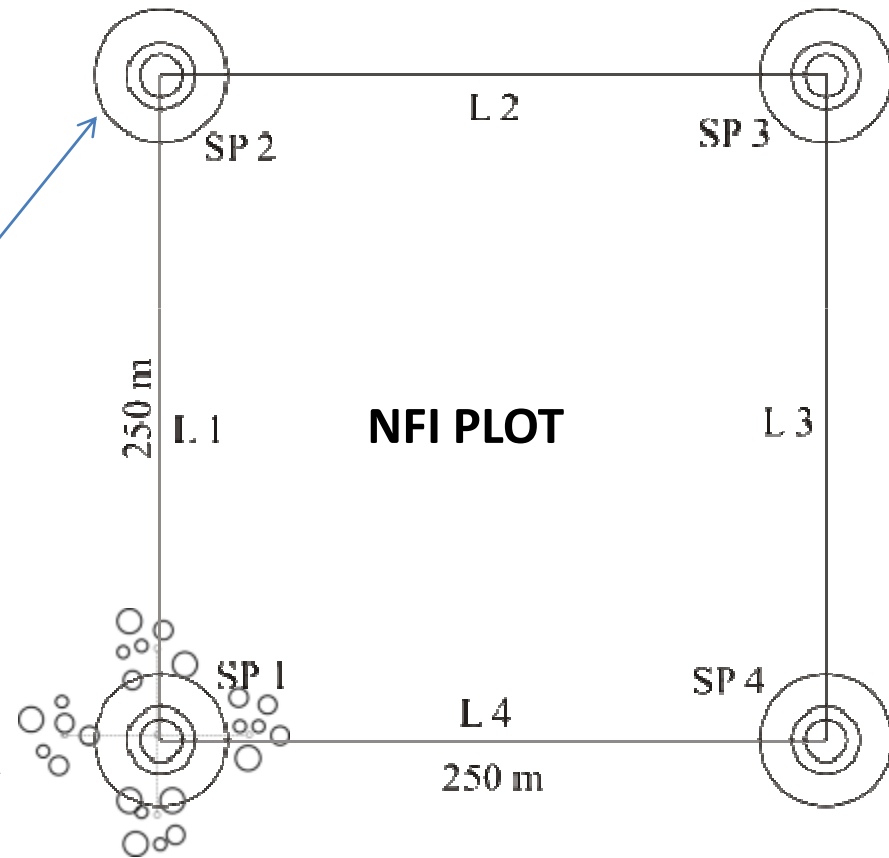
Action L1 Creation of large scale representative monitoring grid (2009-2010) - started

- Romanian Forest Research and Management Institute (ICAS) has the administrative responsibility for NFI and ICP activities
 - NFI department
 - Dendrometrics and Forest Monitoring Department

Harmonization of NFI and ICP large scale networks in FutMon

Integration of ICP large scale network (Level I) and NFI network for FutMon project

On existing ICP Large Scale Network (16x16 km) we will place additional NFI plots



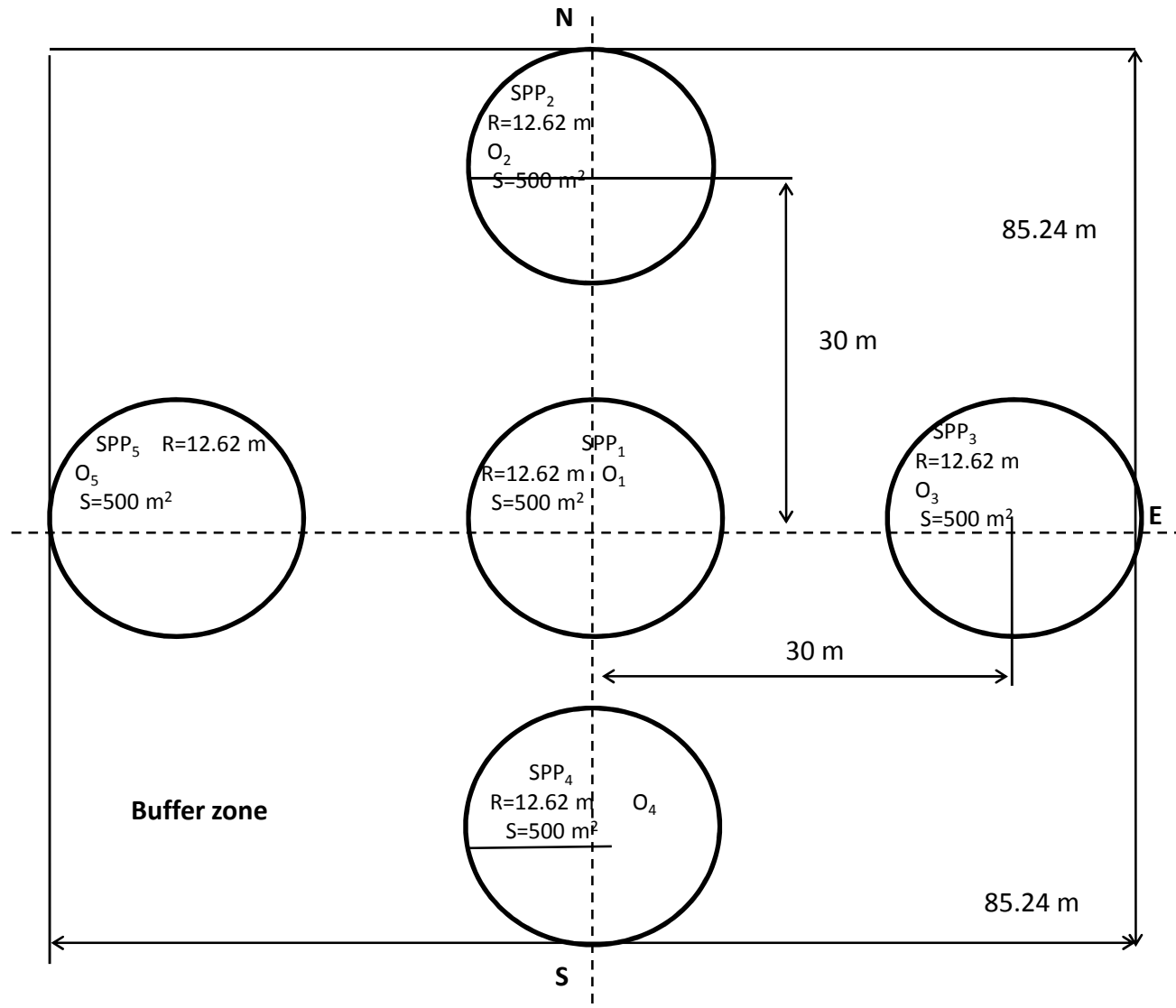
ICP LEVEL I PLOT

ICP Level II - Intensive Monitoring Network (12 permanent plots in representative forest ecosystems) since 1991



ICP Level II

Scheme of an intensive permanent plot (IPP) with 5 subplots (SPPn)



1. Actions progress report and future work

- Action D1

“Tree vitality and adaptation” (4 core plots)

- Crown extended, 2009-2010, **pending**
- Continuous and permanent stem circumference, 2009-2010, **started**
- Litterfall, 2009-2010, **started**
- Phenology, 2009-2010, **started**
- LAI, 2009-2010, **pending**

D1 - Tree vitality and adaptation						
D1 yes/ no	crown extended	continuous stem circumference	litterfall	pheno	LAI	
x	x	x	x	x	x	x
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
x	x	x	x	x	x	x
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
x	x	x	x	x	x	x
	0	0	0	0	0	0
x	x	x	x	x	x	x

1.Actions progress report and future work

- Action D2

Nutrient cycling and critical loads (4 core plots)

- Litterfall, **started**
- Soil solution, **started**
- Extended foliar, **pending**
- LAI, **pending**
- Nutrient budgets ground vegetation, **pending**

D2 - Nutrient cycling, critical loads						
D2 yes/ no	litterfall	soil solution	extended foliar	LAI	nutrient budgets ground vegetation	
	0	0	0	0	0	0
x	x	x	x	x	x	x
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
x	x	x	x	x	x	x
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
	0	0	0	0	0	0
x	x	x	x	x	x	x
x	x	x	x	x	x	x
	0	0	+	0	0	0
x	x	x	x	x	x	x
	0	0	0	0	0	0
	0	0	0	0	0	0

1.Actions progress report and future work

- Action D3 *Water budgets* (4 core plots-*pending*)
 - Soil moisture,
 - Water retention curve
 - Stand precipitation
 - Soil temperature
 - LAI
 - optional measurements will not be made

D3 - Water budgets							
D3 yes/ no	soil moisture	water retention curve	hydraulic conductivity (optional)	fine root distribution (optional)	Meteo extended stand precipitation	Meteo extended soil temperature	LAI
x	x	x	x		x	x	x
x	x	x	x	x	x	x	x
	0	0			0	0	0
	0	0			0	0	0
	0	0			0	0	0
x	x	x			x	x	x
	0	0			0	0	0
	0	0			0	0	0
	0	0			0	0	0
x	x	x			x	x	x
x	x	x			x	x	x
	0	0			0	0	0
x	x	x			x	x	x
	0	0			0	0	0
	0	0			0	0	0

2. Financial reporting

- Financial forms and supporting documents have been submitted for January-February period;
- Financial forms for March-April period will be submitted after this meeting;
- Delayed acquisition procedures of equipments due to funds (liquidities) deficiencies, cofinancing contract not yet signed;
- Minor problems with financial reporting forms, e.g.,
 - financial forms - costs without VAT or with non-recoverable VAT,
 - personnel costs - estimated annual gross salary including contributions

Thank you very much!

Спасибо!

Merci beaucoup!

Gracias!

Vielen Dank!