

PLACE YOUR INPUT HERE	
NUMBER OF SITES REPORTED:	3
SITE 1	
LIST OF MONITORING/MEASUREMENT PROGRAMS	
name/description/aim of the project	
time frame of the project (start/end)	2002-2005
measurement methods applied	inventory by using allometric equations
co-operative partners (if any)	University of Firenze
measurement set (number of towers/plots/chronosequences)	1 chronosequence made up of 6 phases
target area	land abandonment after agriculture
Repeat if more projects are run at the same site!	
LIST OF INSTRUMENTATION	
name of the measurements	
location of the device (if applicable)	
device(s) used	
calibration method of the device (if applicable)	
frequency of the measurement/temporal resolution	
AVAILABLE MEASUREMENT DATA	
<p>This section should be handled together with the LIST OF INSTRUMENTATION, if applicable. Please leave the cell blank if the listed data is not measured. If it is measured, please fill in the method of the measurement (if different from the general method described in cell B11), the temporal coverage of the data, the possible temporal gaps, the data coverage, and any other relevant information.</p>	
Aboveground biomass	stock change method
Belowground biomass	stock change method; stocks are computed converting above ground biomass by fixed coefficients
Dead wood	stock change method; stocks are computed using the line intercept method by Harmon and Sexton (1996)
Litter	stock change method
Soil organic matter	stock change method
Net ecosystem exchange of CO ₂ (NEE)	
Total ecosystem respiration (R _{eco})	
Soil respiration	
Net primary production (NPP)	
Net ecosystem production (NEP)	
<i>Please list more, if necessary.</i>	
Repeat the applicable sections for each measurement!	
AGGREGATED DATA	
type of data	
method of calculation	
available data (from-to, gaps, data coverage)	
Repeat as necessary!	
SITE 2	
LIST OF MONITORING/MEASUREMENT PROGRAMS	
name/description/aim of the project	CARBO ITALY / Italian Carbon Fluxes / Measure and model plot and landscape scale NEE
time frame of the project (start/end)	2006-2008
measurement methods applied	eddy covariance
co-operative partners (if any)	
measurement set (number of towers/plots/chronosequences)	2 towers and 3 automated soil respiration systems
target area	cropland vs grassland
Repeat if more projects are run at the same site!	
LIST OF INSTRUMENTATION	

	name of the measurements	eddy covariance measurement
	location of the device (if applicable)	5 m above the soil (2 m above the canopy) for the maize; 2 m above the soil for the grassland
	device(s) used	GILL Windmaster, Li-Cor Model 7500 CO ₂ analyzer
	calibration method of the device (if applicable)	CO ₂ analyzer: against one certified. Calibration frequency: approx. 10/day.
	frequency of the measurement/temporal resolution	20 Hz
AVAILABLE MEASUREMENT DATA		
	<p>This section should be handled together with the LIST OF INSTRUMENTATION, if applicable. Please leave the cell blank if the listed data is not measured. If it is measured, please fill in the method of the measurement (if different from the general method described in cell B11), the temporal coverage of the data, the possible temporal gaps, the data coverage, and any other relevant information.</p>	
	Aboveground biomass	Monthly growth analysis
	Belowground biomass	Estimated on calibrated growth curves
	Dead wood	
	Litter	
	Soil organic matter	Stock change method + natural abundance of 13C isotope
	Net ecosystem exchange of CO ₂ (NEE)	From August 2005 to present
	Total ecosystem respiration (R _{eco})	From August 2005 to present
	Soil respiration	From August 2005 to present
	Net primary production (NPP)	Partitioning from nighttime eddy data and partitioning from root exclusion and soil respiration measurements
	Net ecosystem production (NEP)	Calculated from growth analysis and NEE and yield removals
	<i>Please list more, if necessary.</i>	
	Repeat the applicable sections for each measurement!	
AGGREGATED DATA		
	type of data	hourly, daily, monthly, annual NEE
	method of calculation	gap filled eddy covariance data
	available data (from-to, gaps, data coverage)	From August 2005 to present
	Repeat as necessary!	
SITE 3		
LIST OF MONITORING/MEASUREMENT PROGRAMS		
	name/description/aim of the project	Investigation about the productivity of forest plantations in Friuli Venezia Giulia
	time frame of the project (start/end)	2004-2006
	measurement methods applied	inventory by using allometric equations
	co-operative partners (if any)	Regione Friuli Venezia Giulia
	measurement set (number of towers/plots/chronosequences)	46 plots
	target area	afforestation vs.croplands
	Repeat if more projects are run at the same site!	
LIST OF INSTRUMENTATION		
	name of the measurements	
	location of the device (if applicable)	
	device(s) used	
	calibration method of the device (if applicable)	
	frequency of the measurement/temporal resolution	
AVAILABLE MEASUREMENT DATA		
	<p>This section should be handled together with the LIST OF INSTRUMENTATION, if applicable. Please leave the cell blank if the listed data is not measured. If it is measured, please fill in the method of the measurement (if different from the general method described in cell B11), the temporal coverage of the data, the possible temporal gaps, the data coverage, and any other relevant information.</p>	
	Aboveground biomass	stock change method across the chronosequence; mean annual increment within each plot

	Belowground biomass	Allometric relationships
	Dead wood	stock change method; Harmon and Sexton (1996)
	Litter	litter traps
	Soil organic matter	stock change method (0-10-20 years)
	Net ecosystem exchange of CO ₂ (NEE)	
	Total ecosystem respiration (R _{eco})	
	Soil respiration	
	Net primary production (NPP)	
	Net ecosystem production (NEP)	
	<i>Please list more, if necessary.</i>	
	Repeat the applicable sections for each measurement!	
	AGGREGATED DATA	
	type of data	
	method of calculation	
	available data (from-to, gaps, data coverage)	
	Repeat as necessary!	