



## RAPPORTO DI RE-AUDIT – FSC FOREST MANAGEMENT

Pioppeto e Garzaia S. Alessandro – Zeme Lomellina (PV) & Borgo Ticino (PV), Italia

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### POPLAR PLANTATION S. ALESSANDRO

Zeme Lomellina & Pavia Borgo Ticino (Cascina Boscone) – PV, Italia

### Manager : S. ALESSANDRO S.S.

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### FOREST MANAGEMENT PUBLIC RENEWAL REPORT Maggio 2008

- **Certification Body :** ICILA Srl – Pz.le Giotto. 1– 20035 Lissone (MI), Italy
- **Report Issue Date :** June 2008
- **Author of the Report :** M. Rita Gallozzi – *Lead Auditor* - Responsabile ICILA Certificazioni Forestali
- **Audit date:** 7-8 maggio 2008

#### Brief description of the Organization

S.Alessandro S.S is an Organization managing poplar plantation, principally. S. Alessandro Partners are families owning ICTA S.r.l., a poplar processing Company that produces plywood and similar, already certified FSC Chain of Custody (ICILA-CoC-20).

The decision to certify the Management of such plantation come from market's input and from a particular sensibility to environmental and social aspects of management. Products of high quality, economic performance, worker's involvement, respect and protection of the environment, are targets of the Sant'Alessandro.

A detailed Management Plan and support and record documentation is together with a "Piano del Monumento Naturale Garzaia di Sant'Alessandro" (approved with deliberation of Giunta Regionale n. 5/15198 of the 28 November 1991 and subsequent modifications) allows a continuous respect of technical, administrative, legal, social, economical and environmental requirements established by FSC.



**FOREST MANAGEMENT RENEWAL REPORT**

**S. ALESSANDRO Poplar Plantation**  
Zeme Lomellina & Pavia Borgo Ticino (Cascina Boscone) – PV, Italia

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## **1 FOREST MANAGEMENT DESCRIPTION**

### **1.1 BASIC QUANTITATIVE INFORMATION**

S. Alessandro S.S. Poplar Plantation is located in the Pianura Padana and in detail, in the south area of Lombardia Region, called Lomellina. Poplars are cultivated in agricultural areas where in the past rice crops were grown.

Most areas in which poplars are cultivated belong to the Company or they are in location. In both cases, the manager is S.Alessandro .

Areas located in the Comune di Zeme Lomellina, Provincia di Pavia are owned by S'Alessandro and have an extension of 176,92 ha. 9,7 of which are cultivated for pasture, 130,03 ha are for poplar plantation and 37,19 are included in the "Monumento Naturale Garzaia S. Alessandro" (they are subjected to requirements defined in the Management Plan of the "Monumento naturale Garzaia di S. Alessandro).

The "Piano del Monumento Naturale Garzaia di Sant'Alessandro" was approved with deliberation of the Giunta Regionale n. 5/15198 of the 28 November 1991. In such document, elaborated and approved by Lombardia Region are reported normative requirements concerning Garzaia Area.

Such area was instituted as Zoological Reserve, in order to safeguard nesting areas of protected species as Ardidae Coloniali with Deliberation of the Consiglio Regionale della Lombardia n. IV/250 del 29/04/86 ai sensi della L.R. 86/83. With deliberation of the Giunta Regionale n. 5/15198 del 28/11/91 was approved the "Natural reserve Management Plan of the Garzaia S. Alessandro". With L.R. 4 del 14/02/1994 the hunting was allowed determining a reclassification of the Garzaia as Natural Monument. With deliberation n. VII/2572 of the 11 December 2000, Garzaia S. Alessandro became a Special Protection Zone and was proposed as SIC:.

Areas rented by S. Alessandro are located in Pavia Borgo Ticino. Such areas are managed referring to a sharing contract of long term signed with the owner, who has given his own informed consent about the certification process.

#### **a) Type of Certification**

The certification provided is a certification FM/CoC referring to a single FMU of 257.47 ha.

#### **b) Areas and number of FMUs included in the scope of the certificate**

Zeme Lomellina:

- (a) 130.03 ha poplar plantation.
- (b) 37.19 ha included in the Monumento Naturale Garzaia di S. Alessandro.
- (c) 9.7 ha pasture (area excluded from the scope of the certificate being a non forest area).

Pavia Borgo Ticino (Cascina Boscone):

- (d) 83.19 ha poplar plantation.
- (e) 7.06 ha bank vegetation protected area

Areas cultivated with poplars are agricultural areas historically. Such areas weren't deforested since 1994 .

#### **c) Location (latitude and longitude)**

Land register references: sheet 23, maps 18, 19,65,66,67; sheet 28, maps 1,2,3,4, 5,6,7,8,9 sheet 29 maps 1,2,3,8,12,14 and sheet 32 maps 8,18,24,1,27,19,30,31,6 of the Comune di Zeme Lomellina, Province of Pavia

#### **d) Type of management**

Areas are private managed.

#### **e) Personnel interested in the Management (included contractors)**

Employee : COMASCHI Nicola – in charge of management of the plantation.

Consultant: COMASCHI Michele Andrea – in charge of certification

Contractor: NERIO MARASSI Company: in charge of harvesting operations

**f) Areas protected from harvesting and managed with conservative objectives.**

In the Management Plan are recorded different protected areas, in detail:

- 1) **La garzaia**
- 2) **Monumental trees.**
- 3) **bank vegetation protected areas**

**g) Areas protected from harvesting and managed for the production of NTFP or services**

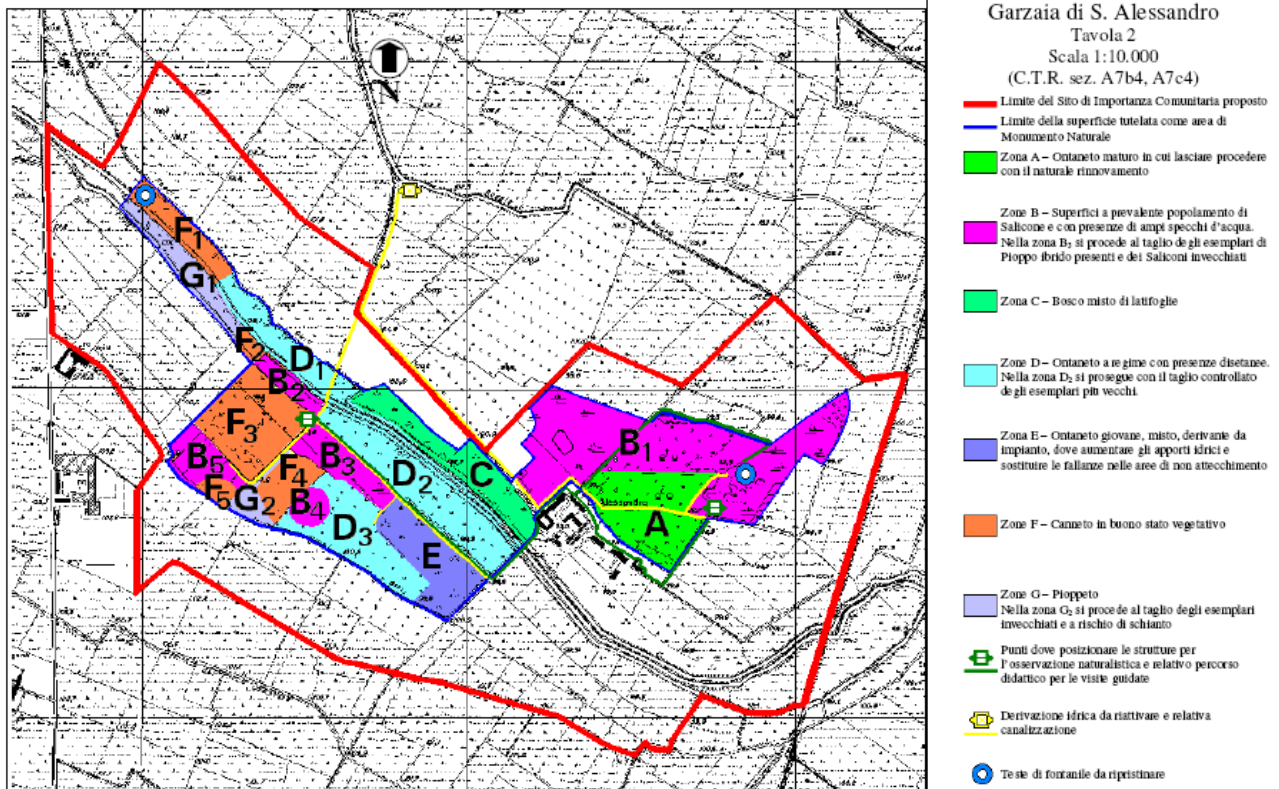
The area protected from harvesting activities is the Garzaia.

Place	Zeme Lomellina		Pavia Borgo Ticino	
	Prohibition	Period and prescription	Prohibition	Period and prescription
Hunting	Partial	Allowed only in the Reserve, following prescriptions of the Region	Absolute	All year long
Fishing	Absolute	All year long	Partial	Following province prescriptions (licence)
Harvesting of NTPF	Absolute	All year long	Absolute	All year long
Access for persons and vehicles	Partial	Forbidden since 1 February to 30 April	Partial	Free for persons, under authorization for vehicles
Access for animals	Partial	Allowed for AFV during hunting period	Absolute	All year long

Are present different areas managed for the production of NTFP as services. The most important area from an environmental perspective is the Garzaia, the only one where hunting is allowed under the control of "Azienda Faunistico Venatoria S. Alessandro", recognized by the Public Authority. Hunting is forbidden in the poplar plantation because of it could damage the quality of poplars.

**h) HCVF (see f))**
**i) HCVs present:**

Presence of rare bird species (Direttiva Uccelli)



**j) List of chemical products used and their motivation**

Chemical products aren't used. If necessary, chemical products could be used opting for biological fertilizer and avoiding sensible zones.

**k) Area of the Plantation**

231, 22 ha

**l) Annual production**

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Clone	<b>Plantation located in the Località Zeme Lomellina</b>										
I-214	13880	17820	0	0	0	220	0	0	0	0	0
San Martino	0	0	2982	0	0	0	0	0	0	0	0
4A	0	0	0	2000	0	1800	0	0	0	0	0
Neva	2500	0	0	0	3120	0	0	0	0	0	0
Beaupré	0	0	0	0	0	0	0	0	0	0	0
	<b>Plantation located in the Borgo Ticino Pavia</b>										

I-214	0	5500	0	0	0	0	2650	1800	0	2700	0
San Martino	0	0	0	0	2100	0	0	0	0	0	0
4A	0	0	0	0	0	0	0	0	0	0	0
Neva	0	0	0	0	2100	0	0	0	0	0	0
Beaupré	0	0	0	0	0	0	0	450	0	0	0
0 Total	16380	23320	2982	2000	7320	2020	2650	2250		2700	

**I) Categorie di prodotti inclusi nello scopo della certificazione**

Products sold are wood in the rough of poplar spp.

**1.2 Legislative, administrative and land use context .**

Applicable laws are identified and archived after a stakeholder consultation process.

Principals laws are:

- Contratto Collettivo Nazionale Agricoltura Luglio 2006
- Legge 27 dicembre 2006 n°296 (fiscaltà)
- Fiscaltà e catasto aziende agricole

- DPR 13 Marzo 1976, n°488 (Convenzione di Ramsar) –Zone umide-
- Convenzione sulla diversità biologica Legge n°124 14 Febbraio 1994
- Convenzione di Washington (Cites) -Accluso elenco ed appendici delle specie-

- Approvazione del piano della Riserva Naturale “Garzaia di S. Alessandro” DLR n°86 28/11/1991
- DGR n°9894 26/07/2002 (Irrigazione e bonifiche)
- Legge Regionale n°9 27 Gennaio 1977 (Tutela dell’ambiente naturale)
- Legge Regionale n° 26 del 16 Agosto 1993
- Statuto “Parco Ticino”
- L.R. n° 31 del dicembre 2002 PTC Parco Naturale della valle del Ticino
- Regolamento bonifiche agrarie parco della valle del Ticino
- Regolamento Ici Comune di Zeme Lomellina

- D.Lgs n. 81/2008 - Attuazione dell'articolo 1 della legge 3 agosto 2007, n. 123, in materia di tutela della salute e della sicurezza nei luoghi di lavoro.

- ILO Safety and health in forestry work”

- ILO 182 Convenzione sulle forme peggiori di lavoro minorile

- ILO 169 Convenzione su popoli indigeni tribali

- ILO 135 Convenzione sui rappresentanti dei lavoratori

- ILO 143 Convenzione sui lavoratori migranti

- ILO 155 Convenzione on occupational Safety and Health

- ILO 141 Convenzione sulle organizzazioni di lavoratori agricoli

- ILO 142 Convenzione sulla valorizzazione delle risorse umane

- ILO 111 Convenzione sulla discriminazione (impiego e professione)

- ILO 87 Convenzione sulla libertà sindacale e la protezione del diritto sindacale

- ILO 138 Convenzione sull’età minima

- ILO 98 Convenzione sul diritto di organizzazione e negoziazione collettiva

- ILO 100 Convenzione sull’uguaglianza di retribuzione

- ILO 105 Convenzione sull’abolizione del lavoro forzato

- ILO 97 Convenzione sui lavori migranti

- ILO 87 Convenzione sulla libertà sindacale e la protezione del diritto sindacale

-ILO 29 Convenzione sul lavoro forzato

- FSC List of approved derogations for use of FSC prohibited chemical pesticides
- Principi e Criteri dell' FSC per la Gestione Forestale Sostenibile
- Progetto "Ecocertificazione della pioppicoltura" Ecopioppo relazione task 5

1.3 **Description of the ownership and land use rights.**

1.4 See point 1.1

**1.5 Description of areas excluded form the scope of the certificate**

9.7 ha of pasture.

**1.6 Summary of the Management Plan**

Clones used are: Neva. Italia 214, S. Martino, Boccalari, 4A.

The rotation length is almost 10 years. It could vary in relation to the clone selection, to the vegetative growth and to the market prices of poplars.

Trees of relevant importance are maintained at the border of the plantation or along the way.

After cutting and before planting, ground is plowing.

The clone selection take in consideration different factors as: ground characteristics, climate, hydrography, economic revenue.

Monitoring activities:

Monitoring is implemented every month, almost.

Each observation concerning the monitoring is recorded in the "tabella ispezioni" and monitored indicators are adequate to the complexity of the organization.

Ecological, environmental and social impacts are considered during monitoring activities.

Data obtained are included in the revision of the Management Plan and they will constitute the base for future management decisions. A summary of the findings of the monitoring is publicly available, being a copy of such monitoring affixed in the S.Alessandro Office.

**1.7 Estimate of the maximum sustainable yield.**

Table below records annual increases of circumference.

Clone	Area	N°	Year	Annual Increase ( in circumference)									
				2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
I-214	Zeme	5320	1999	88-92	92-97								
I-214	Zeme	2210	1998	93-94	98-98								
I-214	Zeme	4610	1998	98-86	102-90								
I-214	Zeme	6800	1998	96-86	101-93								
A4A	Zeme	2000	2001	95-85-75-77-75	99-90-80-82-80								
Neva	Zeme	3120	2002	85-80	90-85								
A4A	Zeme	1800	2003	74-64	80-70								
I-214	Zeme	220	2003	72-72	78-76								
I-214	Zeme	1300	1999	80-71	84-75								
I-214	Zeme	5000	1999	76-70	81-74								
I-214	Zeme	2260	1999	81-83	86-88								
San Martino	Zeme	2982	1999	82-79	87-81								
I-214	Zeme	4200	1998	92-90-90-89-93-99-92	98-95-95-94-98-104-97								
Neva	Zeme	2500	1998	102-104-103	Abbattute								
I-214	Pavia	5500	1999	91-93	94-97								
I-214	Pavia	2700	2007	13-13	14-16								
I-214	Pavia	2650	2004	17-17.5	18-19.5								

I-214	Pavia	1800	2005	14.5-15.5	16.5-17							
San Martino	Pavia	1500	2002	21.5-22	23-25							
San Martino	Pavia	600	2002	20-21	22-23							
Neva	Pavia	2100	2002	20-20	23-21.5							
Beaupré	Pavia	450	2005	17-17.5	19-18,5							

Table below records annual and projected yields.

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
<b>Clone</b>	<b>Plantations in the Località Zeme Lomellina</b>										
<b>I-214</b>	13880	17820	0	0	0	220	0	0	0	0	0
<b>San Martino</b>	0	0	2982	0	0	0	0	0	0	0	0
<b>4A</b>	0	0	0	2000	0	1800	0	0	0	0	0
<b>Neva</b>	2500	0	0	0	3120	0	0	0	0	0	0
<b>Beaupré</b>	0	0	0	0	0	0	0	0	0	0	0
	<b>Plantations in the Borgo Ticino Pavia</b>										
<b>I-214</b>	0	5500	0	0	0	0	2650	1800	0	2700	0
<b>San Martino</b>	0	0	0	0	2100	0	0	0	0	0	0
<b>4A</b>	0	0	0	0	0	0	0	0	0	0	0
<b>Neva</b>	0	0	0	0	2100	0	0	0	0	0	0
<b>Beaupré</b>	0	0	0	0	0	0	0	450	0	0	0
<b>1 Total</b>	16380	23320	2982	2000	7320	2020	2650	2250		2700	

## 2. STANDARD

- ICILA2203 rev. 1 – January 2005 – ICILA generic standard adapted to the Italian Alpine Arc.

Following FSC standards were used:

FSC POL 20-002 – Partial certification of large ownership

FSC GUI 30 001 V2 0 EN FSC Pesticides Policy Guidance 2007

## 3. Audit Process

### 3.1 Audit's Dates

7-8 May 2008.

### 3.2 Audit Group:

- Maria Rita GALLOZZI, *lead auditor (RGVI)*, ICILA
- Lorenzo VIETTO, technical expert in poplar cultivation.

### 3.3 Description of the evaluation

The evaluation was conducted at the S Alessandro Office and on field, in particular:

- Activities conducted during the first day were: Initial meeting, closing of non conformities identified during the previous audit, documental audit, stakeholder consultation, monitoring activities and inspections on field.
- Activities conducted during the second day were: documental audit, information gathering and final meeting. Assessment on field (Borgo Ticino Plantation)

During renewal assessment every Principles and Criteria were checked.

### 3.4 Stakeholder Consultation

1 N.	2 Stakeholder	3 Contacts details and the location	E-mail address Tel. Number	4 Scope of the activity of the stakeholder	6 Relevance of the stakeholder (low, medium, high)	7 Ways planned for the contact (also more than one)	8 Date of the contact (planned/realized)	9 Confidentiality treatment? (yes/non)	10 Comment received
1	Provincia	Anselmi	'mario.anselmi@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
2	Provincia	Invernizzi	'ruggero.invernizzi@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
3	Provincia	Pietra	'Francesco.pietra@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
4	Provincia	Lodigiani	'gustavo.lodigiani@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
5	Provincia	Piemontese	'r.piemontese@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
6	Provincia	Moliere	'Giuseppe.muliere@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
7	Provincia	Pruzzi	'rosanna.pruzzi@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
8	Provincia	Ed.ambientale	'educazione.ambientale@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
9	Provincia	Ambiente	'ambiente@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
10	Provincia	Tuzzi	'mario.tuzzi@provincia.pv.it'	Amministrazione	H	mail	14/04/2008	no	no
11	Ambiente		'provinciapv.life@libero.it'	Amministrazione	M	mail	14/04/2008	no	no
12	Lipu	Rognoni	'oasi.bosconegri@lipu.it'	Ambiente	H	mail	14/04/2008	no	no
13	Regione		'forestedavivere@ersaf.lombardia.it'	Ambiente	M	mail	14/04/2008	no	no
14	Arpa		'info@arpalombardia.it'	Ambiente	M	mail	14/04/2008	no	no
15	Studio Prof.		'info@studioselva.net'	Ambiente	M	mail	14/04/2008	no	no

1	2	3	4	6	7	8	9	10	
N.	Stakeholder	Contacts details and the location	E-mail address Tel. Number	Scope of the activity of the stakeholder	Relevance of the stakeholder (low, medium, high)	Ways planned for the contact (also more than one)	Date of the contact (planned/realized)	Confidentiality treatment? (yes/non)	Comment received
16	Greenpeace		'crema@greenpeace.it'	ONG Int	H	mail	14/04/2008	no	no
17	WWF		'lomellina@wwf.it'	ONG Int	H	mail	14/04/2008	no	no
18	Provincia	Sparpaglione	bruno.sparpaglione@provincia.pv.it	Amministrazione	H	mail	14/04/2008	no	si
19	Legambiente	Bertoglio	r.bertoglio@alice.it	ONG	M	mail	14/04/2008	no	no
20	Az. Forestale Venatoria	Rossi		Associazione	H	telefonata	14/04/2008	no	si

COMMENTS RECEIVED:

**Dott. Sparaglione:** POSITIVE

**Sig. Rossi (AFV):** POSITIVE

### 3.4 Time Allocation

2 main days	Initial meeting, documental audit , stakeholder consultation.
1 main days	Audit on field, information gathering , final meeting
2 main days	Report editing

## 4. OBSERVATIONS

### 4.1 Main strengths and weaknesses.

#### ■ Strengths

**P1:** It is well implemented. The applicable legislation is well known and there is a continuous control in place implemented by technical experts of the Public Administration that ensure the respect of legislative requirements. Sanctions are not present.

**P2:** There is no evidence of any disputes concerning land use rights. We are confident that such Principle is totally respected.

**P4:** Documentation provided to contractors ensure that they are well informed about social, health and safety requirements.

**P5:** It is respected considering the economic objective of such activity; ICTA assures an adequate financial support in the long term.

#### ■ Weaknesses

**P6:** Even if such Principle is substantially respected ensuring the preservation of environmental aspects, S. Alessandro has to improve the control on chemicals uses avoiding accidental scattering and determining emergency procedures to implement in case of chemical scattering. (see NCS #2).

**P8:** monitoring is recently implemented, so there aren't a lot of significative data.

**P10:** see P6

## 5. CERTIFICATION DECISION

### 5.1 List of non conformities issued during the previous audit

#### TABELLA DELLE OSSERVAZIONI (O)

Rif.	Classification	Description
7.2	OBS 1	Concerning chemical pesticides use, S.Alessandro respects internal procedure based on FSC GUI 30 001 (Pesticides Policy). In cap.2b2 of the Management Plan, are reported pesticides that are not allowed by FSC. We suggest to take attention during editing of such document and to modify it.
8.1	OBS 2	During monitoring activities, we suggest to quantify (in % or number of trees affected), if possible, the relevance the disease , in order to justify a potential pest control treatment.
4.1.4	OBS 3	We suggest to underline in a better way, in the signed contracts with contractors, that we are in a FSC certified System.

### 5.2 Statement of Conformity

The LA recommends to the Certification Committee the renewal of the certificate. The Management System in place ensures that all applicable requirements of the standard are satisfied referring to the object of the Certificate.



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