

**Short Rotation Woody Crops (SRC) plantations for local supply chains and heat use**

**Project No: IEE/13/574**



**Report on first training event for public land owners  
in Resen, Macedonia**

**WP4 / Task 4.4 / D4.4  
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Autor: Gordana Toskovska, SSA Resen, Macedonia

Contact: Koco Racin 48, Resen, Macedonia  
[gtoskovska@gmail.com](mailto:gtoskovska@gmail.com)  
++389 70 30 66 35

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## **Abbreviations**

**SRC** Short Rotation Coppice

## 1. Introduction

The SSA Resen managed to organize the first training event for public land owners in the region of Prespa, in Republic of Macedonia. It has been quite successful training event as the first step to introduce the SRC issues to the representatives of the public institutions that have public land in property.

## 2. Overview of training event

### 2.1 Summary

The first training has been organized by SSA Resen with a brief summary of the main aspects of SRC for public land owners. Further details follow in the relevant chapter below. This first event was quite successful and a positive feedback was given by the attending participants that are the reference to arrange next / second training event. The attendance of external experts was relatively challenging, since the SRC matters are not yet in progress in Republic of Macedonia. Therefore, the project team made efforts to present the topics as much as better to the participants, using information and materials from the SRCplus project publications.

At the beginning of the training a brief and concise presentations about important issues for public land owners was given (see the detailed agenda in addition). Then the training course continue with the next topics until lunch and session after lunch.

### 2.2 Feedback from participants

The general feedback has been quite positive, participants could at first get an overview of general and specific information about the SRC, right choice of SRC seedlings, land properties, cultivation and sustainability as well as all the topics mentioned in the agenda.

Based on the received questionnaires, the program and the topics don't need many improvements for the second training event, except the external expert involvement.

## 3. First training event

### 3.1 Basic information

Table 1: Training events for public land owners

Location	Date	Number of participants	Target group	Number of received questionnaires
Resen	09.05.2016	10	Public institutions, Public companies, Organizations National nature parks Agricultural Schools And others that are owners of public lands	10

### 3.2 Topics of the training event

<b>1<sup>st</sup> Training for public land owners</b>			
<b>TOPIC</b>	<b>TIME</b>	<b>GOAL</b>	<b>SOURCES</b>
<b>SRCplus project and SRC crops</b>	30 min	Understanding the mission of the project and this training in particular and what materials are available for stakeholders. Understanding what SRC are (species, rotation cycles, soil, water requirements, production process in brief, yields.	SRC leaflet, SRC poster, SRC handbook, SRC web, materials from WP 3 (presentations), D.2.5
<b>SRC in the target region- current situation, opportunities and barriers Practical example from the target region /country</b>	30 min	Understanding the situation in target country, but also the situation in Europe in general to get the wider context. Here the legal issues should be addressed. Explanation of the concrete case plantation and practical experience.	D. 2.1
<b>Sustainability of SRC</b>	30 min	Insight into recommendations and criteria for SRC	D.2.3; D.2.4
<b>SRC plantations and SRC best practices</b>	60 min	Introduction to examples from the project related to municipalities: Sweden, Germany, Latvia, France	D.2.2, Materials form study tour SRC Handbook
<b>Analysis of SRC potential in the region and SRC supply chains</b>	15 min	Understanding the potential of SRC production in region and identification of opportunities.	D. 6.1; D6.2; D6.3; D6.4
<b>SRC financing possibilities</b>	30 min	Awareness of available mechanisms, subsidies, programs for co-financing the investment	National legislation, mechanisms for support
<b>Heat from SRC</b>	30 min	Introduction into logistic, markets, and user technologies boilers, woodchip and pellets quality factors	SRC Handbook
<b>Synergies of SRC with other land uses and regional planning</b>	30 min	Understanding how SRC can fit regional strategies (energy, rural development, agriculture)	National legislation, Rural development strategies
<b>Final discussion, conclusions and evaluation</b>	60 min	What could be potential benefits for public land owners? The role of public administration/land owners in the chain.	Questionnaire

### 3.3 Event agenda (invitation and program)

The potential participants were invited through direct invitation by the project team and through the internet by e-mail messages.





**П О К А Н А**

за учество на презентацијата

**КРАТКО РОТИРАЧКИ (БРЗОРАСТЕЧКИ) ДРВЕНИ РАСТЕНИЈА  
(кратенка КРР) КАКО ЗЕМЈОДЕЛСКА КУЛТУРА И НИВНА УПОТРЕБА КАКО БИОМАСА ЗА  
ГРЕЕЊЕ И ПРОИЗВОДСТВО НА ЕЛЕКТРИЧНА ЕНЕРГИЈА**

Почитувани

Ве покануваме да учествувате на еднодневна работилница на која ќе се презентираат следните теми поврзани со КРР

10.00 - 10.15	Доаѓање на учесниците
10.15 - 10.45	SRCplus проектот и КРР култури
10.45 - 11.15	КРР во регионот на Преспа – тековна состојба, можности и бариери.
11.15 - 11.45	Пауза
11.45 - 12.15	Одржливост на КРР
12.15 - 13.15	Одгледување на КРР и презентација на најдобри практики во Европа
13.15 - 14.00	Анализа на условите за одгледување на КРР во регионот
14.00 - 14.30	Можности за финансирање на КРР
14.30 - 15.30	Ручек
15.30 - 16.00	КРР за добивање на топлинска енергија за огрев
16.00 - 16.30	Поврзаност на КРР со други корисници на земјиште и регионално планирање
16.30 - 17.00	Пауза
17.00 - 18.00	Крајни дискусии, заклучоци и евалуација на обуката

**Место:** Агрохемишка лабораторија (Старо кино) Ресен  
**Дата:** 09/05/2016 година

Figure 1: Invitation for the training event combined with the AGENDA of the event.

### 3.5 Event photos



Figure 4: Picture of participants, presenters and materials

## 4. Summary on the Evaluation

Public company “Macedonian forests”;  
Local Self Governments from Resen;  
National Nature Parks Pelister and Galicica;  
Public communal company Resen; concessioners on public land;  
local community C.Dvor Resen;  
Ministry for agriculture-unit Resen

**Date:** 09.05.2016

**Place:** Resen, Republic of Macedonia

Dear participant,

Thank you for participating in the SRCplus training and we hope that you benefited from this experience. In order to improve our training program and to provide you with further information of adequate quality and suitable for your needs, we kindly ask you to spare few minutes and fill in this short questionnaire.

1. How did you learn about this training (please circle):
  - a) Internet *(4 answers)*
  - b) Newspapers *(0 answers)*



- c) Direct invitation from organisation (6 – answers)
- d) Invitation from third party (0 answers)
- e) Other (0 answers)
2. What are the reasons for your participation in the training (please circle):
- f) General interest in renewable energies (0 answers)
- g) Particular interest in SRC (7 answers)
- h) Interest for additional investment opportunities (0 answers)
- i) Interest in heating models based on SRC (1 answer)
- j) Interest in SRC production on public land (2 answers)
- k) Other: (0 answers)
3. Please evaluate your knowledge on the training topics prior to the training on the scale (1 equals no knowledge at all, 5 equals excellent knowledge on the topic - please circle).

1	2	3	4	5
0 answers	3 answers	7 answers	0 answers	0 answers

4. Please evaluate your improvement in knowledge on the topic after the training on the scale (1 equals to no improvement at all, 5 equals excellent knowledge on the topic – please circle).

1	2	3	4	5
0 answers	0 answers	0 answers	1 answers	9 answers

5. Please rate the presentations from 1- 5 (1 is given to the presentation that need mayor improvement and 5 to excellent presentations - please circle).

Topic and the presenter	Evaluation				
	1	2	3	4	5
<b>SRCplus project and SRC crops</b> presenter: Mrs. Gordana Toskovska	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	10 answers
<b>SRC in the target region- current situation, opportunities and barriers</b> presenter: Mr. Vasko Jovanovski	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	10 answers
<b>Sustainability of SRC</b> presenter: Mrs. Gordana Toskovska	1	2	3	4	5
	0 answers	0 answers	0 answers	1 answers	9 answers
<b>SRC best practices</b> presenter: Mrs. Gordana Toskovska	1	2	3	4	5
	0 answers	0 answers	0 answers	2 answers	8 answers
<b>Analysis of SRC potential in the</b>	1	2	3	4	5

<b>region and SRC supply chains</b> presenter: Mr. Vasko Jovanovski	0 answers	0 answers	0 answers	1 answers	9 answers
<b>SRC financing possibilities</b> presenter: Mrs. Gordana Toskovska	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	10 answers
<b>Heat from SRC</b> presenter: Mr. Naumche Toskovski	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	10 answers
<b>Synergies of SRC with other land uses and regional planning</b> presenter: Mr. Naumche Toskovski	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	10 answers

6. Did the content or the training reach your expectations (please circle):

- l) I had no expectations from the training (0 answers)
- m) Training reached my expectations in some segments (2 answers)
- n) Training fully reached my expectations (8 answers)
- o) Training was above my expectations (0 answer)
- p) Training did not reach my expectations (0 answers)

7. If the training did not reach your expectations, please elaborate what can be improved, which topics were missing etc.

(0 answers)

8. Would you be potentially interested in establishment of SRC and further individual trainings and advices?

Yes (3 answers)

No (4 answers)

I need more information on the topic to decide (3 answers)

9. If the answer to your previous question is affirmative, how many hectares would you prefer to develop and for what purpose?

(1 answer) 2 ha with SRC poplar, for biomass for heating

(1 answer) 4 ha with SRC paulownia, to sell for industrial purposes

(1 answer) 2 ha with different species of SRC, for heating of public building

(1 answer) 1 ha poplar for separating organic plantations with a different areas and for heating

10. In your opinion if you are to start now with SRC, what would be the biggest problem/obstacle?

- Less, nurseries for planting material in Macedonia and procedures for import from abroad

- The financing issue

- Less, know-how practices for cultivation, harvest and storage

- Less equipment for harvest and chipping

- No satisfactory premises for woodchip storage and technologies for drying

## 11. Personal information of the participants:

Name:	Occupation:
Lj. Nacevski	Macedonian forests- public company
S. Andreevski	Ministry of agriculture – unit Resen, Macedonia
V. Prculovska	Local community CDvor - Resen
N. Tasovski	Local government - Resen
G. Slavitsa	National nature parks
S. Ljambevski	Concessioner on public land
G. Ivanovski	Concessioner on public land
M. Markovski	MKPosts public company
K.Temelkovski	Local public communal company
P.Gorgievski	Concessioner on public land

## 12. Additional remarks and comments

*- long time duration of the training, better to be shorter, at least 4 hours duration.*

## 5. Lessons learned and adjustment of 1<sup>st</sup> training event

According the questionnaire feedback, for the next training event, have to be made some adjustments:

- External competent presenters have to be included
- Topics on legislative and procedures for import have to be explained
- To make adaptation of the training durations on 4 or maximum 5 hours because we cannot keep the participants all the time.