

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

Project No: IEE/13/574



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

**WP4 / Task 4.4 / D4.4
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Abbreviations

SRC Short Rotation Coppice

1. Introduction

According to the training program of the SRCplus project, after successfully implementing the first training for public land owners, the second one was handled to be implemented in September 2016. Obtaining in consideration the positive feedback from the participants of the first training, the concept, the duration and the topics were not changed. The goal of the training was to increase the capacity of public land owners to develop the strategies and local plans for growing SRC on public lands in order to achieve the economical, environmental and energy efficiency benefits. This report is part of WP4, task T4.4, deliverable D4.4.

2. Overview of training event

2.1 Summary

On 21st of September 2016, SSA Resen organized the second training for public land owners in Resen. The event was launched with a presentation on SRCplus project and brief summary of the main aspects of SRC. The following sessions were accomplished according to the agenda that is presented below in this report. The event was quite successful and a positive feedback was given by the attending participants. The attendance of external expert was relatively challenging, since the SRC matters are not yet in progress in Republic of Macedonia. Therefore, the project team gave maximum effort to present the topics as much as better to the participants, using information and materials from the SRCplus project publications. The number of attending participants was 19 that indicate the increased awareness for SRC among public land owners and managers of public lands.

2.2 Feedback from participants

At the end of the training sessions and final discussions, all attending participants filed a questionnaire form in order to find out the feedback and evaluate the event. The feedback has been very positive. All participants get an overview of general and specific information about SRC, benefits from SRC, planting and cultivating, selecting SRC seedlings, land properties, soil qualities, sustainability as well as all the topics mentioned in the agenda.

The evaluation of the second training was very important for the project, especially after the end of its duration to ensure the positive influence in the future as well to fit SRC into regional strategies and development plans.

3. Second 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	21.09.2016	19	Public institutions, Public enterprises, cadastre, school for agriculture, concessioners	19

3.2 Topics of the training event

Second training for public land owners			
TOPIC	TIME	GOAL	SOURCES
SRCplus project and SRC crops	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
SRC in the target region- current situation, opportunities and barriers Practical example from the target region /country	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
Sustainability of SRC	30 min	Insight into recommendations and criteria for SRC	D.2.3; D.2.4
SRC plantations and SRC best practices	60 min	Introduction to examples from the project related to municipalities: Sweden, Germany, Latvia, France	D.2.2, Materials form study tour SRC Handbook
Analysis of SRC potential in the region and SRC supply chains	30 min	Understanding the potential of SRC production in region and identification of opportunities.	D. 6.1; D6.2; D6.3; D6.4
SRC financing possibilities	30 min	Awareness of available mechanisms, subsidies, programs for co-financing the investment	National legislation, mechanisms for support
Heat from SRC	30 min	Introduction into logistic, markets, and user technologies boilers, woodchip and pellets quality factors	SRC Handbook
Synergies of SRC with other land uses and regional planning	15 min	Understanding how SRC can fit regional strategies (energy, rural development, agriculture)	National legislation, Rural development strategies
Final discussion, conclusions and evaluation	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)

To achieve bigger number of representatives for the second training, the potential participants were invited through direct invitation by the project team.





ПОКАНА

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 присуствувате на обуката која се организира во рамките на проектот SRCplus каде ќе имате можност да ги проследите следните теми поврзани со КРР:

09.00 - 09.30 Добраќање на учесниците

09.30 - 10.00 SRCplus проектот и КРР култури

10.00 - 11.00 Подигање на КРР плантажи и производство на КРР

11.00 - 11.30 Пауза

11.30 - 12.00 КРР за добивање на топлинска енергија за огрев

12.00 - 12.30 Презентација на најдобри практики во Европа

12.30 - 13.00 Одржливост на КРР

13.00 - 14.00 Ручек

14.00 - 14.30 Можности за финансирање на КРР

14.30 - 14.45 Поврзаност на КРР со други корисници на земјиште и регионално планирање

14.45 - 15.15 Анализа на условите за одгледување на КРР во регионот

15.15 - 15.45 Пауза

15.45 - 16.15 КРР во регионот на Преспа – тековна состојба, можности и бариери.

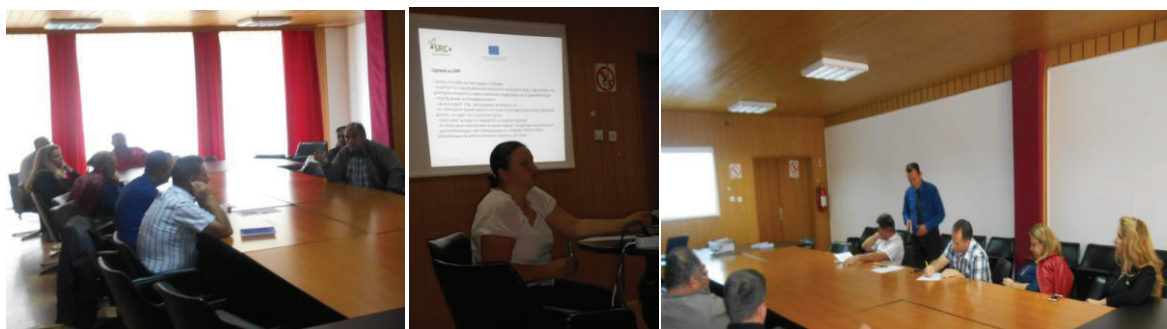
16.15 - 16.45 Крајни дискусии и заклучоци

16.45 - 17.00 Евалуација на обуката

Место: Општинска зграда, Сала 2, Ресен
Дата: 21/09/2016 година

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

3.5 Event photos



4. Summary on the Evaluation

Date: 21.09.2016

Place: Municipal building, 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 *(0 answers)*
 - b) Newspapers *(0 answers)*
 - c) Direct invitation from organisation *(19 – 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 *(7 answers)*
 - g) Particular interest in SRC *(7 answers)*
 - h) Interest for additional investment opportunities *(1 answers)*
 - i) Interest in heating models based on SRC *(2 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
<i>0 answers</i>	<i>7 answers</i>	<i>10 answers</i>	<i>2 answers</i>	<i>0 answers</i>

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	5 answers	5 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
SRCplus project and SRC crops	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	19 answers
SRC in the target region- current situation, opportunities and barriers	1	2	3	4	5
	0 answers	0 answers	0 answers	1 answers	18 answers
Sustainability of SRC	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	19 answers
SRC best practices	1	2	3	4	5
	0 answers	0 answers	0 answers	2 answers	17 answers
Analysis of SRC potential in the region and SRC supply chains	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	19 answers
SRC financing possibilities	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	19 answers
Heat from SRC	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	19 answers
Synergies of SRC with other land uses and regional planning	1	2	3	4	5
	0 answers	0 answers	0 answers	0 answers	19 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 (13 answers)
- o) Training was above my expectations (4 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 *(2 answers)*

No *(0 answers)*

I need more information on the topic to decide *(17 answers)*

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

(2 answers) up to 5 ha with SRC poplar, for heating or for selling

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

- Financing (7 answers)

- Not so much information for cultivation, harvesting and storage (1 answer)

- Business plans and exact calculations for growing SRC (3 answers)

- Equipment for chipping and harvesting (2 answers)

- Expensive investment (4 answers)

- Expensive imported plant materials (2 answers)

11. Additional remarks and comments

- none