

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

Project No: IEE/13/574



National workshop on SRC use for heating purposes

25/01/2017

Valmiera, Latvia

WP 5 – Task 5.3

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SRCplus website: www.srcplus.eu

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1 Introduction

The aim of the workshop is to transfer the know-how on SRC cultivation and use, as well as to discuss economic issues related to SRC.

The main target group invited to the workshop was small and medium users of wood fuels. As interest from the target audience was not enough high, suppliers of wood fuels, farmers, representatives from forestry sector, people from research centres and university, as well as others were invited.

The training took place on 25th of January, 2017. Theoretical part of the workshop was organised in Valmiera city, Latvia. SRC plantations visited during the second part of the event are located close to Bērzaine and Sprosti villages in Valmiera region.

All together 35 participant took part at the training, showing their interest in the topic.

The agenda included following topics:

- Introduction on SRCplus project;
- What is short rotation coppice? SRC in Vidzeme planning region. Existing situation. Barriers. Options. Practical examples;
- Grey alder for SRC plantations;
- Technological solutions for combustion of different quality wood chips. Optimisation of combustion process;
- Quality of different origin wood chips;
- PEFC certification of SRC plantations.
- Visit of the three years old willow field;
- Visit of the wood chipping site (willow SRC), on-site discussions with the managers of the SRC plantations.

2 Involved stakeholders

As already described before, the main target audience was small and medium users of wood fuels. In order to attract more participants municipalities, companies working in forestry/timber sector, farmers and wood fuel suppliers were addressed. Scientists, researchers and students from several universities and research centres/institutes participated in the event too.

Invitation to participate in the workshop also was published at the several social networks and web pages:

- Facebook page of Ekodoma Ltd;
- Facebook page and Twitter profile of Valmiera city municipality;
- Web-page of Forest Owners Association;
- Web-page of Silava;
- Web-page of Valmiera city municipality.

3 Results

The workshop gathers different participants with different background and covered topics which are related to the use of solid biofuels and quality issues of wood fuels in particular.

Theoretical part of the workshop was opened by Aivars Žandeckis from Ekodoma who introduced auditorium with the *SRCplus* project, aims and main tasks of the project. Dagnija Lazdiņa continued with the introduction to what are the short rotation crops, use of SRC for different purposes, discussing economic issues too.

Mudrīte Daugaviete presented a summary on use of grey alder for SRC plantations. Due to specific properties and high yield grey alder has great potential to be used in SRC plantations.

Džeralds Troms from Herz Baltija Ltd introduced auditorium with different small and middle scale technologies for the wood chip and pellet combustion. Different fuel quality parameters have to be considered during planning and operational phase of heating technologies. For every boiler there is a list of fuel quality parameters to be followed.

Results of laboratory testing of different biofuels, including wood chips from SRC, were presented by Aivars Žandeckis. Quality of wood chips from SRC was compared with the quality of wood fuels from “traditional” practices. Theoretical part of the workshop was concluded by Mudrīte Daugaviete showing the possibilities, advantages and process of PEFC certification of the SRC plantations.

After the training participants received certificates on completion of training and Handbook on Sustainable Short Rotation Coppice.

During the second part of the workshop two willow fields managed by Ecomark Ltd (seedling provider, full service company) have been visited by participants. First SRC field was already harvested and biomass was prepared for the chipping. Participants had an opportunity to see wood chipping machinery in operation, as well as to discuss with representatives from Ecomark their experience and results related to the SRC cultivation. Participant also visited not harvested three years old willow field which is going to be harvested this year.

Site visits has been accompanied by a film crew of the Vidzeme Television. The contribution of the film crew was broadcasted on 26th January 2017 within the regional news and also can be found on the home page of the Television - <http://vtv.ret.lv/vidzemes-zinas-zemkopibas-ministrs-darba-vizite-viesojas-rujienas-un-nauksenu-novada-saimniecibas/> (in Latvian, material about SRC starts at 10:10). Moreover, video material was broadcasted on 31st January 2017 within the Daily news on Latvian Television and is available online - <https://ltv.lsm.lv/lv/raksts/31.01.2017-attista-industrialo-karklu-audzesanu.id89861/>. Few screenshots from the broadcasted materials are provided below:



4 Annex

Invitation to the workshop with the agenda



**Uzaicinājums piedalīties praktiskajā seminārā/apmācībās
ŠĶELDAS PATĒRĒTĀJIEM UN PIEGĀDĀTĀJIEM
par Īsircirtmeta ātraudzīgās koksnes izmantošanu
siltumapgādē**

2017. gada 25. janvārī

Restorāna "Jauna saule" banketu zālē, Rīgas iela 10, Valmierā

Latvijā šobrīd ir novērojams straujš pieprasījuma pieaugums pēc enerģētiskās koksnes, kā rezultātā paliek aktuāli jautājumi par enerģētiskās koksnes kvalitāti un alternatīvām.

Seminārā aplūkosim, kas ir īsircirtmeta ātraudzīgā koksne un kādas priekšrocības sniedz tās audzēšana, ar kādiem kvalitātes rādītājiem ir raksturojama dažādas izcelsmes koksne, runāsim par saikni starp šķeldu kvalitāti un sadedzināšanas tehnoloģijām, kā arī kvalitatīvā stādmateriāla nozīmi. Semināra ietvaros tiks apmeklētas SIA ECOMARK kārķu plantācijas un apskatīts kārķu novākšanas un šķeldošanas process.

Lūdzam reģistrēties dalībai seminārā, norādot vārdu, uzvārdu, organizāciju un kontaktinformāciju, nosūtot to uz baiba.veismane@ekodoma.lv vai sazinoties pa tālruni 67 32 32 12 līdz 25. janvārim.

Vietu skaits ierobežots! Informācijas diena ir bez dalības maksas. Par dalību seminārā tiks izsniegti sertifikāti un rokasgrāmatas „Ilgtspējīgi īsircirtmeta atvasāju stādījumi”.

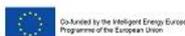


www.srcplus.eu



INFORMĀCIJAS DIENAS PROGRAMMA

09:30 – 10:00 REĢISTRĀCIJA	
10:00 – 10:10 Par SRCplus projektu un tā mērķiem	Aivars Žandeckis SIA EKODOMA
10:10 – 11:00 Kas ir īsircirtmeta enerģētiskā koksne? Īsircirtmeta enerģētiskā koksne Vidzemes plānošanas reģionā. Esošā situācija. Barjeras. Iespējas. Praktiski piemēri	Dagnija Lazdiņa, LVMI Silava
11:00 – 11:20 Baltalkoņa atvasāju stādījumi	Mudrīte Daugaviete LVMI Silava
11:20 – 11:40 Tehnoloģiskie risinājumi dažādas kvalitātes šķeldu sadedzināšanai. Degšanas procesa organizēšana	SIA HERZ BALTĪJA
11:40 – 12:00 Dažādas izcelsmes šķeldu kvalitāte	Aivars Žandeckis SIA EKODOMA
12:00-12:20 Kokaugu stādījumi PEFC shēmās	Mudrīte Daugaviete LVMI Silava
12:20 – 13:20 Pusdienu pārtraukums	
13:50-15:00 Kārķu plantāciju apmeklējums, kārķu griešanas demonstrējumi	Sadarbībā ar SIA ECOMARK un LVMI Silava
15:10-16:00 Kārķu šķeldošanas procesa demonstrējumi	Sadarbībā ar SIA ECOMARK



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List of participants



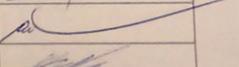


Praktiskais seminārs/apmācības ŠĶELDAS PATĒRĒTĀJIEM UN PIEGĀDĀTĀJIEM

DALĪBNIEKU SARAKSTS

2017. gada 25. janvārī, Restorāna "Jauna saule" banketu zālē, Rīgas iela 10, Valmierā

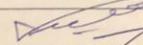
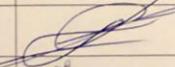
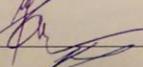
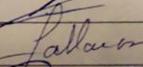
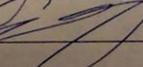
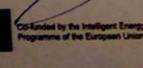
09:30–13:30

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9.	Ilmārs Miķelsons	Priekuļu novads, Liepas pagasts, komunālā daļa		

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40.				
41.				
42.				
43.				

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Photos



Theoretical part of the workshop



Site visit at the three years old willow field

Discussions with the Ecomark Ltd representatives on the biomass chipping site



Biomass chipping site

Training material (presentations)

All presentations from the seminar are available at the SRCplus home page:

<http://www.srcplus.eu/lv/2-uncategorised/169-valmiera,-latvia-25th-january-2017.html>