This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 691874

SEEMLA

Sustainable exploitation of biomass for bioenergy from marginal lands in Europe
H2020-LCE-2015-3

Project Grant Agreement no. 691874

THE PROJECT

The main objective of the H2020 funded EU project SEEMLA (acronym for Sustainable Exploitation of Biomass for Bioenergy from Marginal Lands in Europe) is the establishment of suitable innovative land-use strategies for a sustainable production of plant-based energy on marginal lands while improving general ecosystem services. The use of marginal lands (MagL) could contribute to the mitigation of the fast growing competition between traditional food production and production of renewable bio-resources on arable lands.
SEEMLA focuses on the promotion of re-conversion of MagLs for the production of bioenergy through the direct involvement of farmers and forester, the strengthening of local small-scale supply chains, and the promotion of plantations of bioenergy plants on MagLs. Life cycle assessment is performed in order to analyse possible impacts on the environment and a soil quality rating tool is applied to define and classify MagL. Suitable perennial and woody bioenergy crops are selected to be grown in pilot areas in the partner countries Ukraine, Greece and Germany: the SEEMLA approach will be developed taking into account sustainability parameters, biomass productivity, economic balance, technical and financial resources for biomass exploitation, plant characteristics, and accessibility.
Furthermore, during the whole project, regional stakeholders will be considered to refit the approach and to increase awareness of local supply chain actors.
SEEMLA is expected to contribute to an increasing demand of biomass for bioenergy production in order to meet the 2020 targets and beyond.

THE CONSORTIUM

The project has a duration of three years from January 2016 till December 2018 and is coordinated by the FNR, the Agency for Renewable Resources (Germany), and partners are*:*

- IFEU – Institute for Energy and Environmental Research (Germany)
- BTU – Brandenburg University of Technology Cottbus-Senftenberg *(*Germany*)*
- Democritus University of Thrace (Greece)
- Decentralized Administration of Macedonia & Thrace (Greece)
- IBC-SB Institute of Bioenergy Crops and Sugar Beet of the National Academy of Agrarian Sciences (Ukraine)
- SALIX – Salix Energy Ltd. (Ukraine)
- Legambiente Onlus (Italy)

For more information: www.seemla.eu

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AGENDA
20th November 2018
8:30 - 21:00

Welcome coffee - 8:30

9:00 – 9:20	EC research and innovation policies for advanced biofuels and bioenergy Maria Georgiadou, Senior Policy Officer, European Commission - DG Research & Innovation
9:20 – 9:40	Sustainable exploitation of biomass for bioenergy from marginal lands and its contribution to mitigate the risk of competition between bio resources and food security Diego Piedra-Garcia, FNR, Germany
9:40 – 10:00	Understanding Marginal Land – challenges and expectation Vadym Ivanina, Institute of Bioenergy Crops and Sugar Beet, Ukraine
10:20 – 11:00	Bioenergy production on MagL in pilot cases: reports from the Ukrainian, Greek and German case study sites Fotis Kiourtsis,DAMT, Greece; Werner Gerwin BTU CS, Germany, Iryna Gnap , IBC&SB, Salix Energy, Ukraine
11:00 – 11:20	How environmentally and socio-economically sustainable is biomass for bioenergy from marginal lands?- Nils Rettenmaier, Institute for Energy and Environmental Research, IFEU, Germany

11:20 – 11:40 COFFEE BREAK

11:40 – 12:00	SEEMLA approach development: the GIS application for MagL types availability Spyridon Galatsidas, Democritus University of Thrace, Greece
12:00 – 12:20	Policy and administrative regulations for biomass production on MagL for bioenergy: the proposals coming from the SEEMLA approach Diego Piedra-Garcia, FNR, Germany
12:20 – 13:00	Panel Discussion

13:00 – 14:00 LUNCH

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N.° 764799.

ADVANCEFUEL

Faciliating market roll-out of RESfuels in the transport sector to 2030 and beyond

ADVANCEFUEL

Facilitating market roll-out of RESfuels to 2030 and beyond
H2020-LCE-21-2017

Project Grant Agreement no. 764799

THE PROJECT

ADVANCEFUEL aims to increase the share of renewable energy in the future energy mix by increasing the share of sustainable advanced biofuels and renewable alternative fuels in the final EU transport energy consumption. The whole value chain will be assessed in the course of the project and ADVANCEFUEL will regularly engage key players to validate project results on specific topics and to contribute to the development of supporting guidelines and tools.
In this context, the second ADVANCEFUEL stakeholder workshop, organised in co-operation with the SEEMLA project, will bring together a number of European projects and other relevant stakeholders, to discuss innovative lignocellulosic biomass cropping systems and supply chains.
The workshop will contribute to ADVANCEFUEL's understanding of barriers regarding biomass supply by scrutinising innovative cropping schemes, exploring the challenges and opportunities of different supply and value chains, and comparing potential business models of feedstock provisioning.
The workshop is co-ordinated by the Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), and will include keynote presentations from European projects working in the fields of innovative cropping schemes on marginal land (FORBIO, MAGIC, BECOOL, LIBBIO) as well as value chains and business models (UP-RUNNING, GRACE). The workshop will mix presentations from the projects with interactive discussion sessions that will involve all attendees to shape ADVANCEFUEL's final recommendations.

THE CONSORTIUM

The project has a duration of three years from September 2017 till August 2020 and is coordinated by the FNR, the Agency for Renewable Resources (Germany), and partners are:

- TNO - Netherlands Organisation for Applied Scientific Research (Netherlands)
- Utrecht University (Netherlands)
- Imperial College London (United Kingdom)
- Chalmers University (Sweden)
- Greenovate! Europe (Belgium)
- ATB – Leibniz Institute for Agricultural Engineering (Germany)
- Aalto University (Finland)

For more information: wwwADVANCEFUEL.eu

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N.° 764799.

ADVANCEFUEL

Faciliating market roll-out of RESfuels in the transport sector to 2030 and beyond

ADVANCEFUEL SEEMLA

ADVANCEFUEL - SEEMLA WORKSHOP AGENDA
20th November 2018
14:00 - 20:30

INNOVATIVE LIGNOCELLULOSIC BIOMASS CROPPING SYSTEMS AND SUPPLY CHAINS

In collaboration with:

FORBIO LIBBIO Magic BECOOL uPrunning GRACE

14:00 – 14:10	Welcome & Introduction to the ADVANCEFUEL Workshop Philipp Grundmann, ATB, Germany
14:10 – 14:20	Introduction to the ADVANCEFUEL project Kristin Sternberg, FNR, Germany
14:20 – 15:00	**Innovative cropping schemes** **Presentations: Highlights from study cases on marginal land** FORBIO: Cosette Khawaja, WIP, Germany MAGIC: Efi Alexopoulou, Center for Renewable Energy Sources (CRES), Greece
15:00 – 15:20	*COFFEE BREAK*
15:20 – 16:00	**Innovative cropping schemes** **Presentations: Highlights from study cases on marginal land** BECOOL: Walter Zegada-Lizarazu, University of Bologna, Italy LIBBIO: Rob van Haren, Hanze University of Applied Sciences, the Netherlands & Irmgard Starmann, Color&Brain, The Netherlands

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16:00 – 17:30	**Interactive Session 1** (*with all participating project partners and stakeholders*) ***Cost reduction potentials versus environmental impacts*** Chair: Sonja Germer, ATB, Germany
17:30 – 20:30	**Evening reception**

ADVANCEFUEL - SEEMLA WORKSHOP AGENDA
21st November 2018
8:30 - 14:00

Welcome coffee - 8:30

9:00 – 09:40	**Innovative lignocellulosic supply chains** **Presentations: Highlights from supply chains practices** UP-RUNNING: Adeline Rezeau or Daniel Garcia Galindo, CIRCE, Spain GRACE: Moritz Wagner, University Hohenheim, Germany
9:40 – 10:40	**Interactive Session 2** (*with all participating project partners and stakeholders*) **Success stories & failures regarding biomass supply chains** Chairs: Philipp Grundmann, ATB, Germany & Katharina Sailer, ATB, Germany
10:40 – 11:00	*COFFEE BREAK*
11:00 – 12:20	**Interactive Session 3** **Feedstock for advanced biofuels: Market opportunities & Constraints** (*with all participating project partners and stakeholders*) Chairs: Philipp Grundmann, ATB, Germany & Katharina Sailer, ATB, Germany

12:20 – 14:00 LUNCH