

Alternative use of biomass for maintenance of grassland biodiversity and ecosystem services

*LIFE GRASSSERVICE
LIFE12 BIO/LV/001130*

ABOUT THE PROJECT

- ▶ **Project location:** Latvia, Sigulda and Ludza municipalities
- ▶ **Budget** - 1 280 964 Euro EUR
 - *EU contribution:* 640 482 EUR
 - *Own contribution:* 359 512 EUR
 - *State budget:* 280 970 EUR
- ▶ **Duration:** 51 month (01/10/2013 - 31/12/2017)
- ▶ **Beneficiaries:**
 - *Coordinating* - Baltic Environmental Forum - Latvia
 - *Associated* - Latvian Fund for Nature, Bio Refinery Entrepreneurship Ltd (Bio RE), Riga Technical University, Sigulda Municipality Council, Ludza Municipality Council, Farm «Skujas»



PROJECT OBJECTIVES AND MAIN ACTIVITIES

- ▶ *Introduce briefly the objectives of the project.*

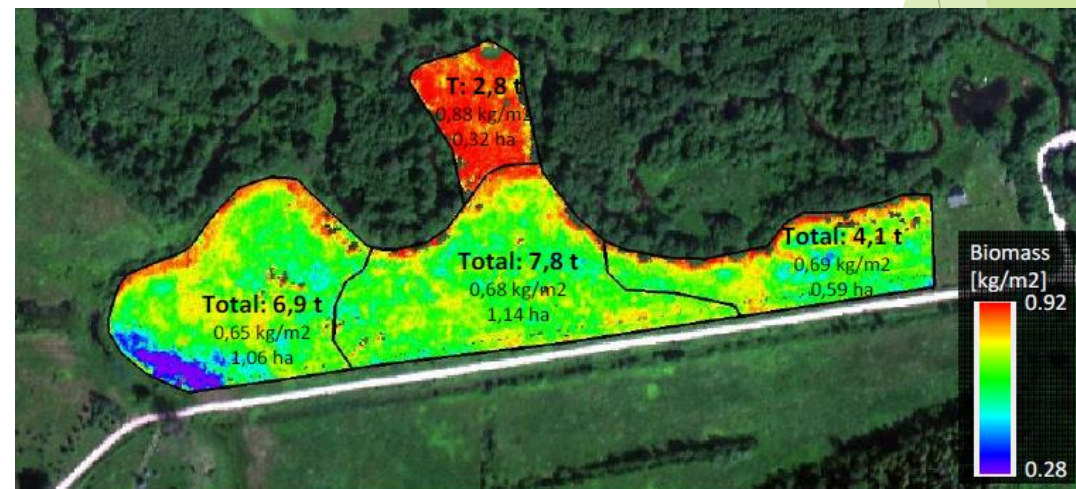
The main goal: *to ensure maintenance of biologically valuable grasslands by enhancing alternative, economically sustainable approaches to the use of grassland biomass as well as by establishing co-operation models between farmers, entrepreneurs and local authorities*

- ▶ *Introduce briefly 3-4 main activities.*
- *Gathering background information on grasslands in Sigulda and Ludza Municipality.*
- *Grassland restoration.*
- *Development of technologies for biogas and biobutanol production and construction of pilot facilities.*

CURRENT SITUATION, MEASURED IMPACTS & RESULTS I

► Introduce briefly the main implemented actions and results of the project until now.

- **Gathering background information on grasslands in Sigulda and Ludza municipalities:**
 - Grassland extent and biological quality.
 - Grassland use.
 - Grass biomass resources.



CURRENT SITUATION, MEASURED IMPACTS & RESULTS II

► Introduce briefly the main implemented actions and results of the project until now.

► **Grassland restoration:**

- 25 ha in Ludza Municipality.
- 97 ha in Sigulda Municipality.
- Restoration activities (bush and tree cutting, stump and root removal and/or milling, soil planing and processing, controlled burning, reseedling, «green hay method», «hay method», waste and stone removal).



CURRENT SITUATION, MEASURED IMPACTS & RESULTS III

▶ Introduce briefly the main implemented actions and results of the project until now.

- ▶ **Development of technologies for biogas and biobutanol production and construction of pilot facilities:**
 - Biogas production pilot facility by Bio RE Ltd.
 - Biobutanol production pilot facility by Riga Technical University
 - Demonstration of the results in the pilot areas.



17.



FURTHER ACTIONS TO BE TAKEN

- ▶ *Introduce briefly the main actions of the following years.*

The project shall be finished by the end of 2017!

MORE INFORMATION:

▶ *Project website:*

<http://grassservice.balticgrasslands.eu/>

▶ *Contacts: project manager Anda Ruskule*

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