



„Improving of the conservation status of specially protected bird species in Natura 2000 site „Adazi”” LIFE12 NAT/LV/000509

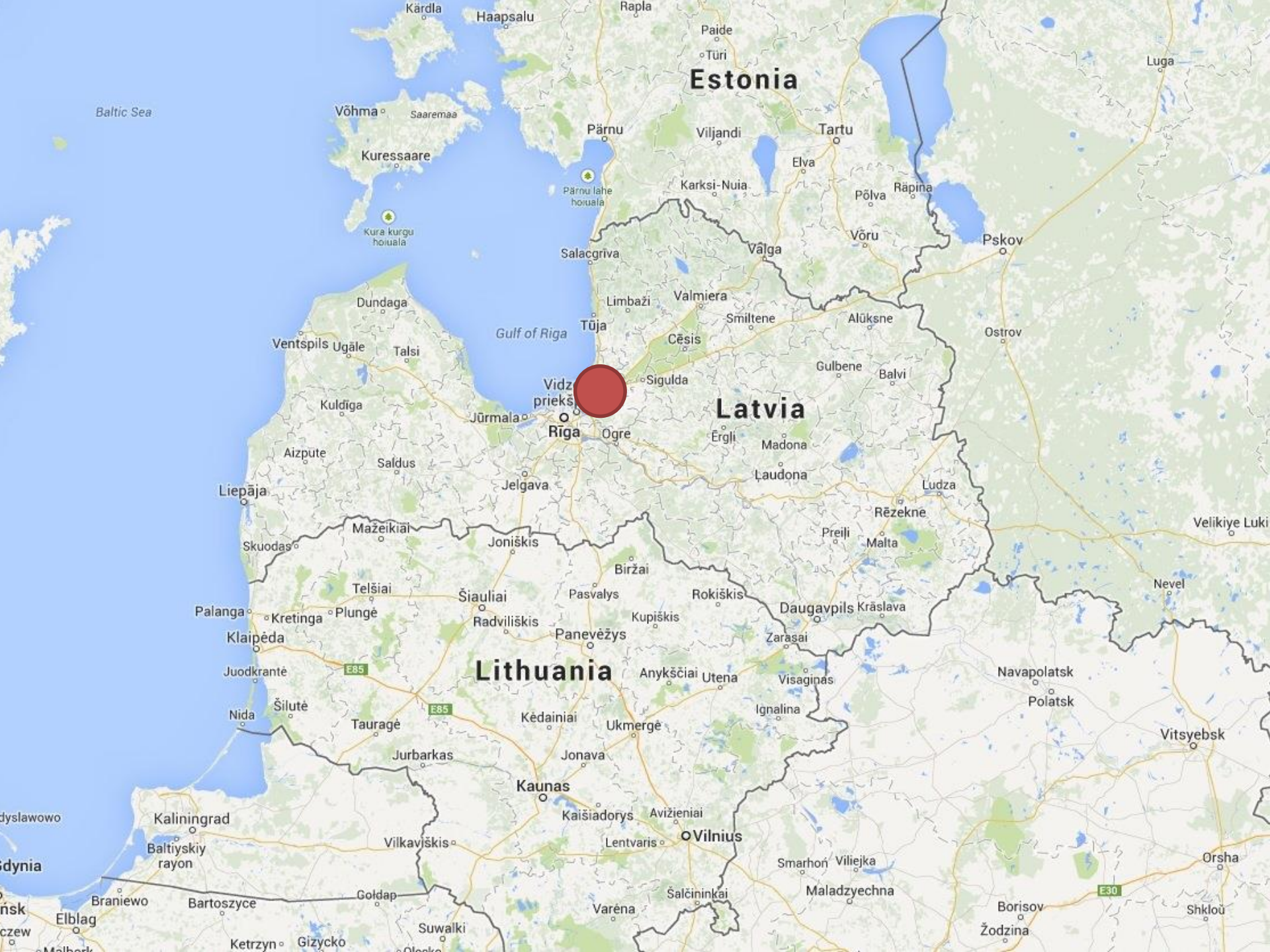


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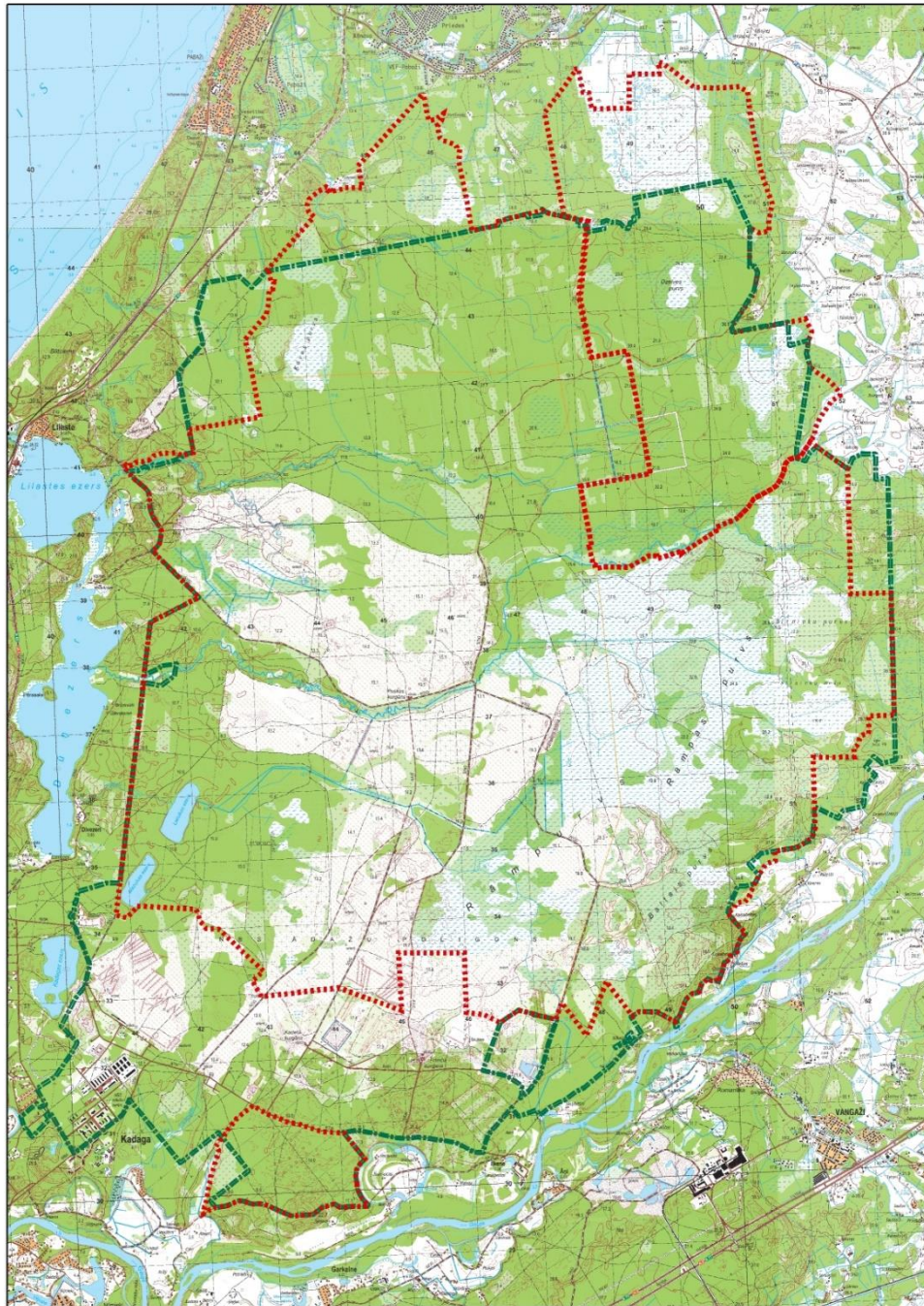
Controlled burning in Adazi Military Training Area – LIFE «ADAZI» and LIFE+ «Birds in Adazi» , LATVIA

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Objects and Procurement

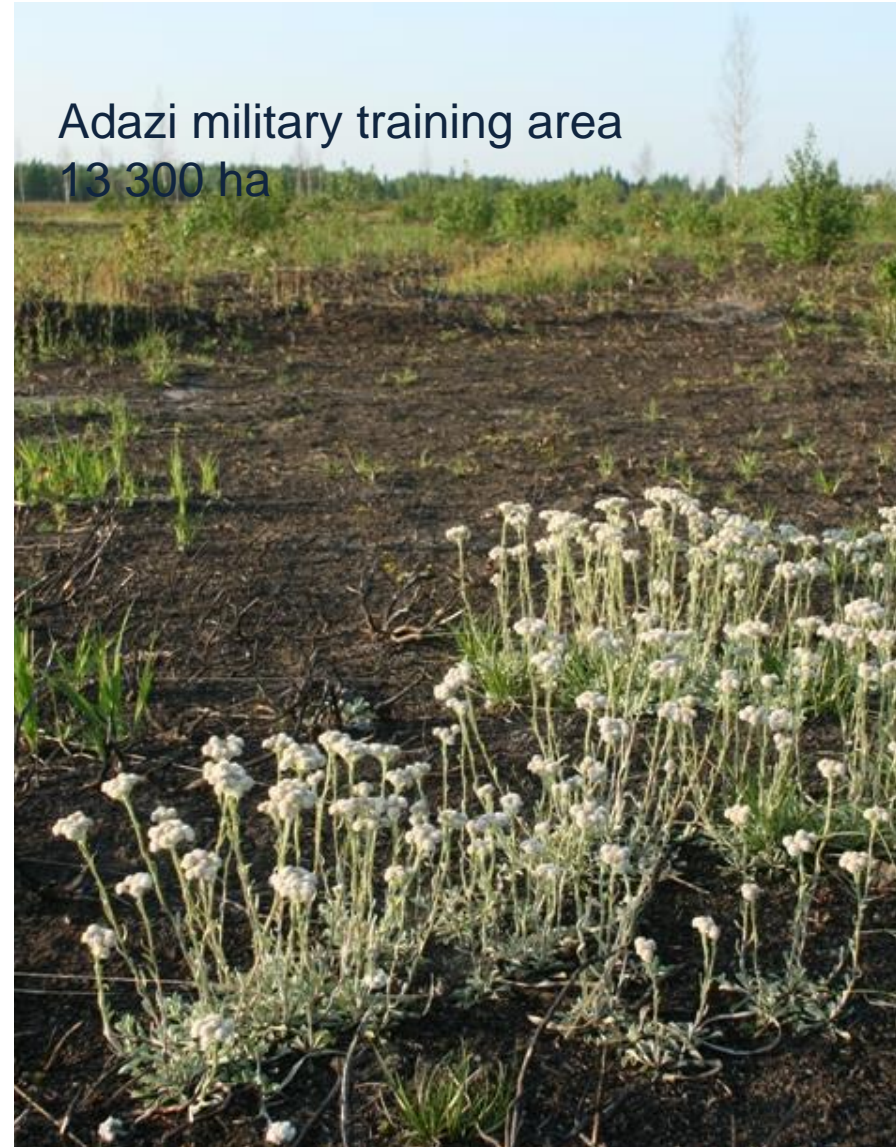




1:70 000



Natura 2000 areas Adazi and Dzelve-Krona
12 283 ha



Adazi military training area
13 300 ha

About the area

- Important Bird Area by BirdLife International;
- Protected Landscape area;
- Natura 2000 site;
- Protected area was established in 2004; at the beginning it was 6126 ha large, in 2011 enlarged to 10150 ha;
- Military training area since 1937 -13 300 ha.





About the area

- Threats to nature values:
 - Overgrowing due to lack of disturbance;
 - Desertification due to too intensive disturbance;
 - Consequences of drainage;
 - frequent unauthorised trespassing, pollution, stealing of wood;



About project LIFE «ADAZI»

- 2006-2009
- Aim of project – restoration of biological diversity
- Restoration of heath habitats 1040 ha
- Restoration of mire 300 ha



About project LIFE + «Birds in Adazi»

- 2013-2017
- Aim of project – favourable conservation status for protected birds species
- Restoration of heath habitats 1100 ha (different methods – sod cutting, overgrowing removal (moving, tree cutting), controlled burning)
- Restoration of mire 500 ha
- Restoration of boreal forest 20 ha

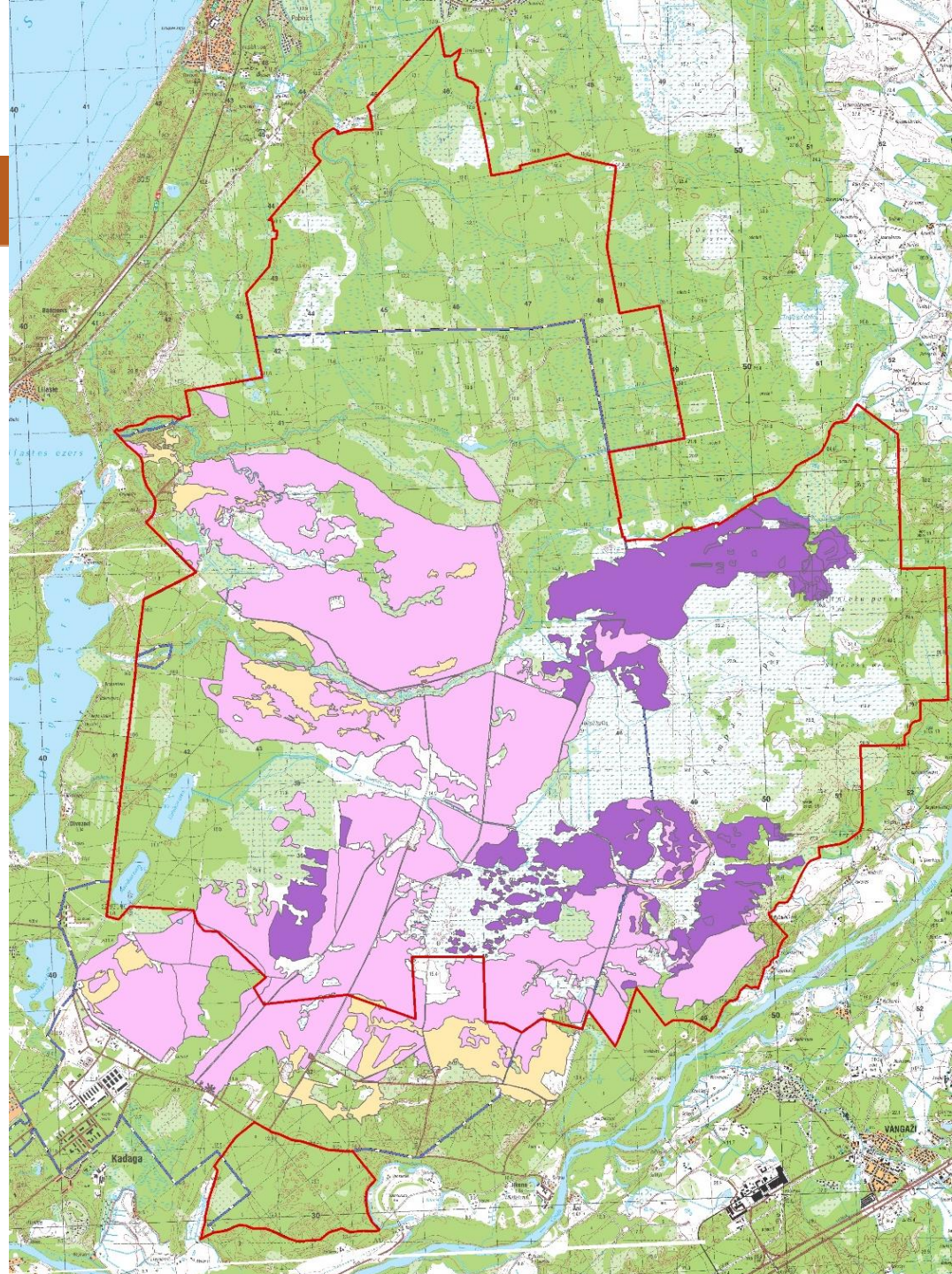


Heath habitats in the area

2130 fixed coastal dunes – 353 ha

2320 dry sand heath – 2811 ha
4010 wet heath – 878 ha

Total **4042 ha**



Activities

Restoration of heath habitat Dry sand heaths with *Calluna* and *Empetrum nigrum* (2320);

Will be restored 1100 ha by:

- 500 ha have been restored by cutting of trees and bushes;
- Mowing (**and gathering the biomass**) in area of 400 ha continues;
- **Extensive** controlled burning (60 ha total);
- **Sod cutting** (2 ha total).













Controlled burning in heath habitats



Controlled burning in heath habitats

Problems:

- New method in Latvia
- Lack of experience
- Lack of legal basis
- Public precaution

Solutions

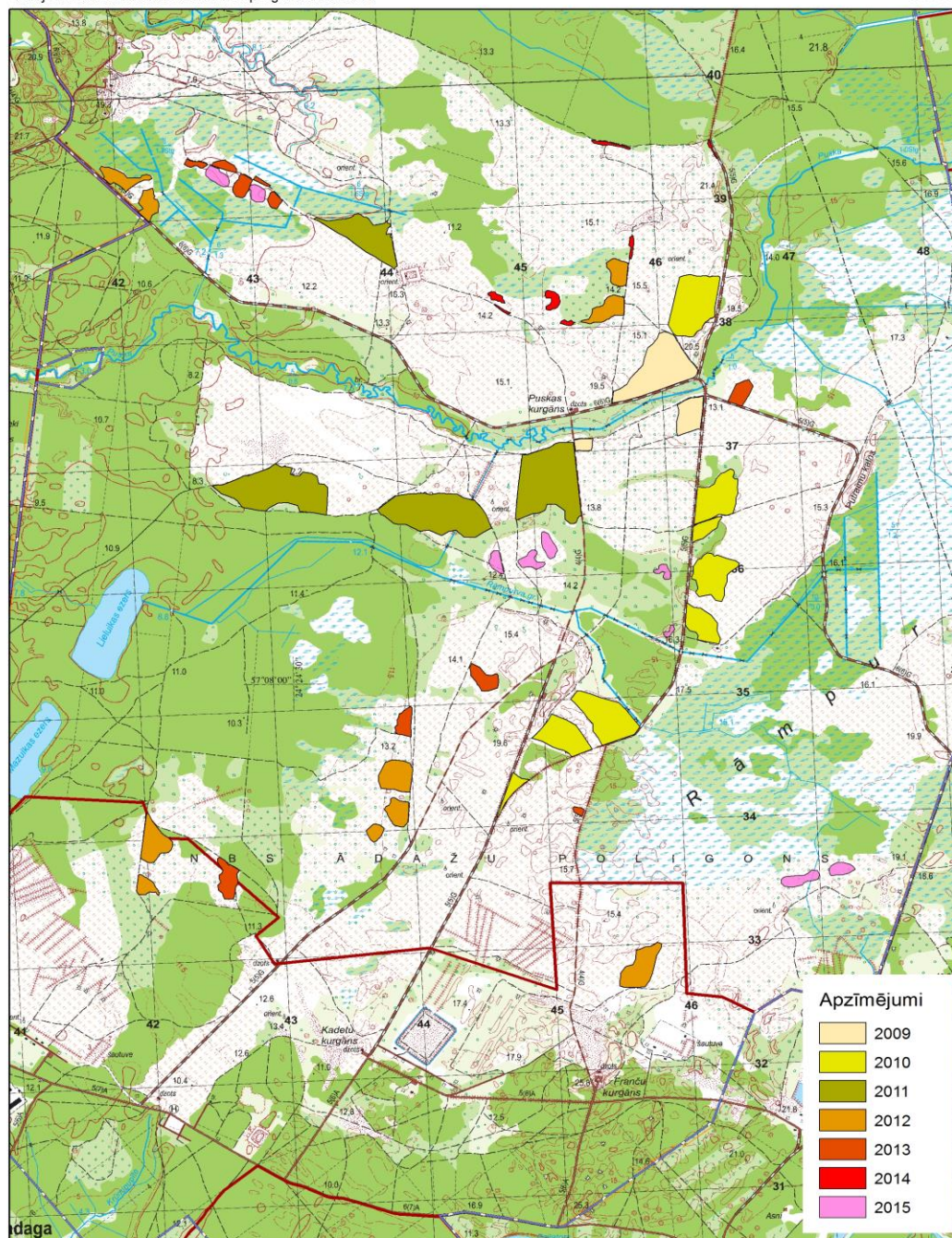
- Experience exchange in military training areas in Netherlands, Germany, Belgium
- Collaboration of burning management plan
- Permits from Nature Conservation Agency
- Co-operation with State Forest Service

Controlled burning in heath habitats

Started in 2009 –25 ha

- 2010. - 67 ha
- 2011. - 81 ha
- 2012. - 82 ha
- 2013. - 32 ha

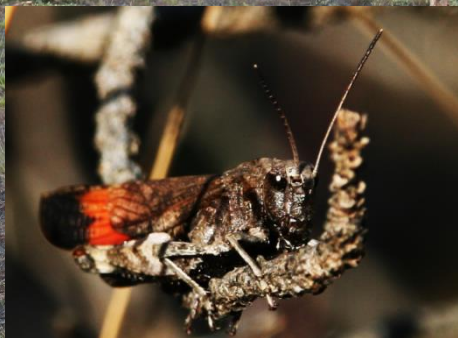
















Controlled burning of boreal forest

New management method for Latvia:

- Controlled burning of forest – restoration of habitat Western taiga (9010*)
- Innovation in Latvia
- 20 ha will be burned



Controlled burning of boreal forest

Measures taken:

- Experience exchange in Nuuksio in Finland
 - Action plan elaborated in 2016
 - Purchased fire fighting equipment for military vehicle BV206
 - Burning areas marked in nature, established fire protection lines
 - Ground monitoring of vegetation
 - Increase of dead wood
-
- First attempt of burning in August 2016, unsuccessful through weather conditions



Thank you for your attention!

www.putniadazos.lv