

Priekšnosacījumu izveide labākai bioloģiskās daudzveidības saglabāšanai un ekosistēmu aizsardzībai Latvijā

KF Nr. 5.4.2.1/16/I/001

DABAS
SKAITĪŠANA

Protected forest habitats in Latvia

Sandra Ikauniece:

sandra.ikauniece@daba.gov.lv

Tel.6532258



Dabas aizsardzības pārvalde

NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
Kohēzijas fonds

I E G U L D Ī J U M S T A V Ā N Ā K O T N Ē

A decorative vertical bar on the left side of the slide, featuring a stack of colored rectangles (dark green, red, light green, orange, light orange) and stylized plant illustrations in green, red, and orange.

Content

- ▶ Inventory of protected forest habitats in Latvia
- ▶ Project «Nature Census»

Terms

- ▶ Protected habitats – EU importance protected habitats in Latvia
- ▶ Woodland key habitats

A decorative vertical bar on the left side of the slide, composed of several colored rectangular segments: dark green at the top, red, light green, orange, and light orange at the bottom. Overlaid on these segments are stylized plant motifs in green and red, including leafy branches and thin stems.

Forestry

- Specially protected forest compartments
 - Separated during forest inventory (0,5 - 20 ha);
 - Very different – parks, botanical reserves, forests against erosion, bog reserves, complex sections, hunting forests, etc.
 - Management was not allowed
 - till 2000 (new Forest Law).



Natural forests in Latvia

- WWF project «Natural forests of Latvija»(1995.-1997.)
- Study areas – Slītere, Līvberze, Aizkraukle, Mežole
- Forest structures and rare species
- Results were published in book «Natural forests of Latvia» (Suško, 1997).
- Knowledge was used in following WKH inventory project



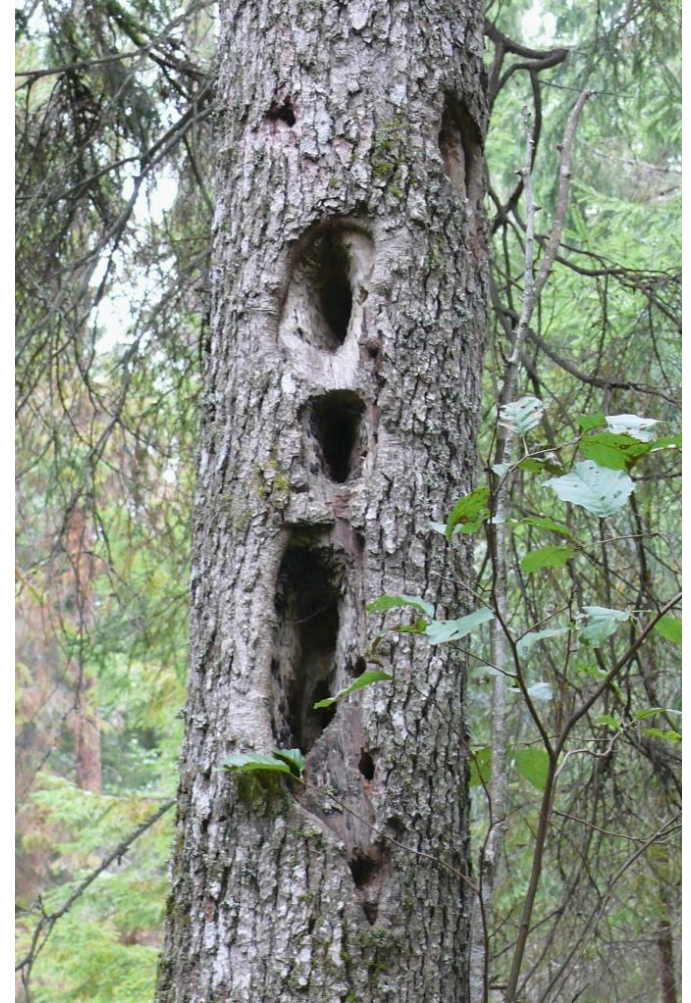
Biologically valuable forests

Mežole project

- 1994 – WWF U.Rotbergs and Smiltene forestry
- Model territory to introduce and approbate Sweden scientists proposals of sustainable forestry in Latvijā (P.Angelstam)
- Discussions with foresters, testing of new management approaches (retention trees, dead wood, selective cuttings)
- Inventory of biologically valuable forest stands, more based on structures

Key elements

- Trees of varying age
- Biologically old trees
- Open spaces
- Self-thinning
- Permanently flooded
- Woody debris of many decomposition stages
- Snags
- Many wood inhabiting fungi
- Many old hazel shrubs
- Underground spring influence
- Beaver activity
- Stream
- Trees with hollows
- Woodpecker signs
- Evidence of fire
- Etc.



A decorative vertical bar on the left side of the slide. It consists of a series of colored rectangular segments: dark green at the top, red, light green, orange, and light orange at the bottom. Overlaid on these segments are stylized illustrations of various plants, including ferns and grasses, in shades of green and red.

Woodland key habitat

(close to natural forests; biologically valuable forests)

- An area which contains habitat specialists that cannot sustainably survive in stands managed for timber production. A well-founded expectation (appropriate forest structures) that a habitat specialist can exist within an area is a sufficient criterion for designating the area a Woodland Key Habitat.



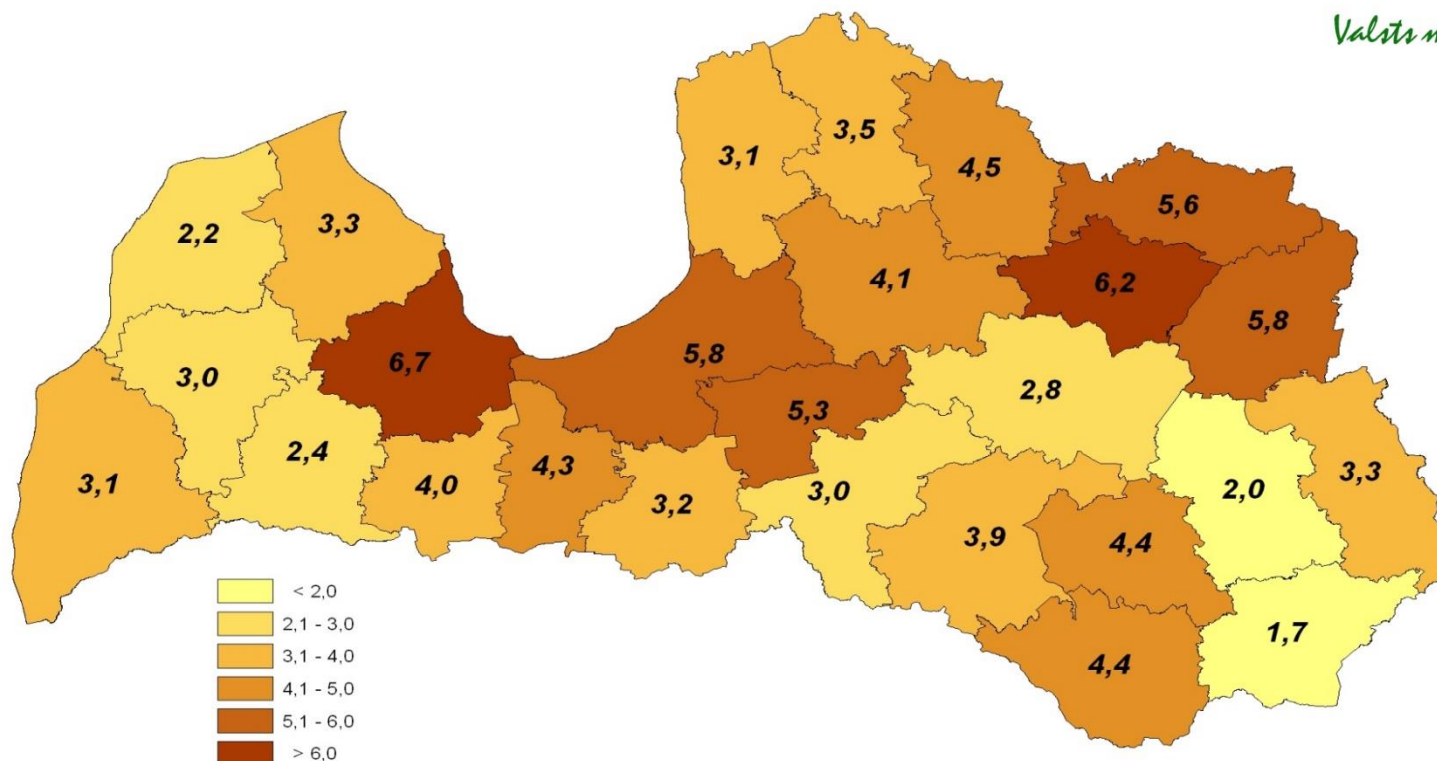
WKH – inventory


- 1997 november, Salaspils – more than 300 people (mainly foresters) were introduced with WKH concept
- Methodology
- Testing
- From 1998. till 2008. more than 170 speciālists were trained
- In State forests from 1997. till 2006. about 57110 ha were designated as (P)WKH
- About 60% of possible WKH were founded

(P)WKH % State forests (2008.)



Valsts meža dienests





After WKH inventory

- ▶ 2004 – joining to EU (changes in legislation, EU protected habitats in N2000 territories)
- ▶ Protection in officially protected territories (N2000 or microreserves)
- ▶ Changes in SF register – no more information about WKH
- ▶ Voluntary protection (or certificate requirements) outside protected territories



After WKH inventory (2006.-2017.)

Mapping of biologically valuable forests (WKH or EU protected habitats)

- in N2000 territories (management plans or different projects)
- Commercial forests
 - FSC requirements
 - Information for management (SC LVM)

VMD, 2015

3 056 600 ha

Meža platība kopā Latvijā



100 300 ha
3,3 %

Pilnīgs mežsaimnieciskās darbības ierobežojums



319 100 ha
10,4 %

Aizsargājamas teritorijas ar dažādiem mežsaimnieciskās darbības ierobežojumiem



443 500 ha
14,5 %


Aizsargājamas teritorijas bez mežsaimnieciskās darbības ierobežojumiem



2 193 700 ha
71,8 %

Saimnieciskie meži bez mežsaimnieciskās darbības ierobežojumiem





Habitat	Range	Area covered by habitat type within range	Specific structures and functions	Future prospects	Overall assessment of conservation status
9010*	FV	U2x	U2-	U2-	U2-
9020*	FV	U2-	U2-	U2-	U2-
9060	FV	FV	U2-	U2-	U2-
9080*	FV	U2-	U2-	U2-	U2-
9160	FV	U2-	U2-	U2-	U2-
9180*	FV	XX	U2x	XX	U2X
91D0*	FV	U2x	U2-	U2-	U2-
91E0*	FV	U2-	U2-	U2-	U2-
91F0	XXX	U2x	U2-	XX	131313

A decorative vertical bar on the left side of the slide, featuring a series of colored rectangular segments (green, red, green, orange, orange) and stylized plant illustrations in green and red. The plants include leafy branches and tall, thin stalks.

MAPPING OF EU IMPORTANCE HABITAT

- ▶ The project 'Preconditions for better biodiversity preservation and ecosystem protection in Latvia', or simply the 'Nature Census', is co-funded by the European Union Cohesion Fund.



Goals and tasks of the project

- ❑ To obtain high level, scientifically justified and high detalization level information on nature values by performing inventory of **habitats of the EU importance** across the country
- ❑ To **digitalize** data and integrate them into national geospatial information system www.geolatvija.lv and nature protection system “Ozols” (*Oak tree*)
- ❑ To analyze obtained data&information and use them for **better policy** for protection of biodiversity and ecosystems, and related measures&support instruments;
- ❑ To develop nature **conservation plans** for 20 existing specially protected nature territories and protection (management) plans for 5 species.

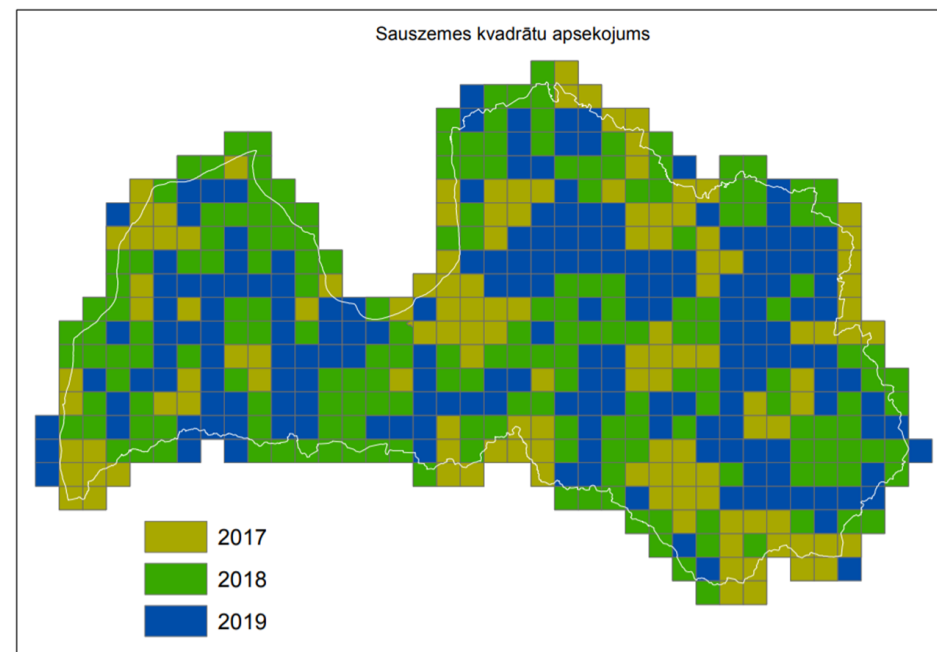


Definitions

- ❑ **Habitat** - territory inhabited by particular species of animals or plants which are adapted to particular living conditions.
- ❑ **Mapping** - assessing natural values by field survey and polygonal mapping of habitats that match certain criteria, as well as filling a checklist about each mapped polygon.

Unified inventory methodology

- 495 square mapping units
- Informational letter to landowners
- Field surveys (based on biophysical mapping) done by habitat/species **experts** (each has ID card) (>350 experts for 2017-2018 mapping season)
- A **checklist information** habitat: habitat structure, functions, process indicators, impacts and threats, necessary management activities; mapping the polygonal borders of the habitat
- Quality control** (10% of each square next year).



Kartes Nr. 000

VĀRDS UZVĀRDS
Sugu un biotopu eksperts
Serifikāta Nr. 000

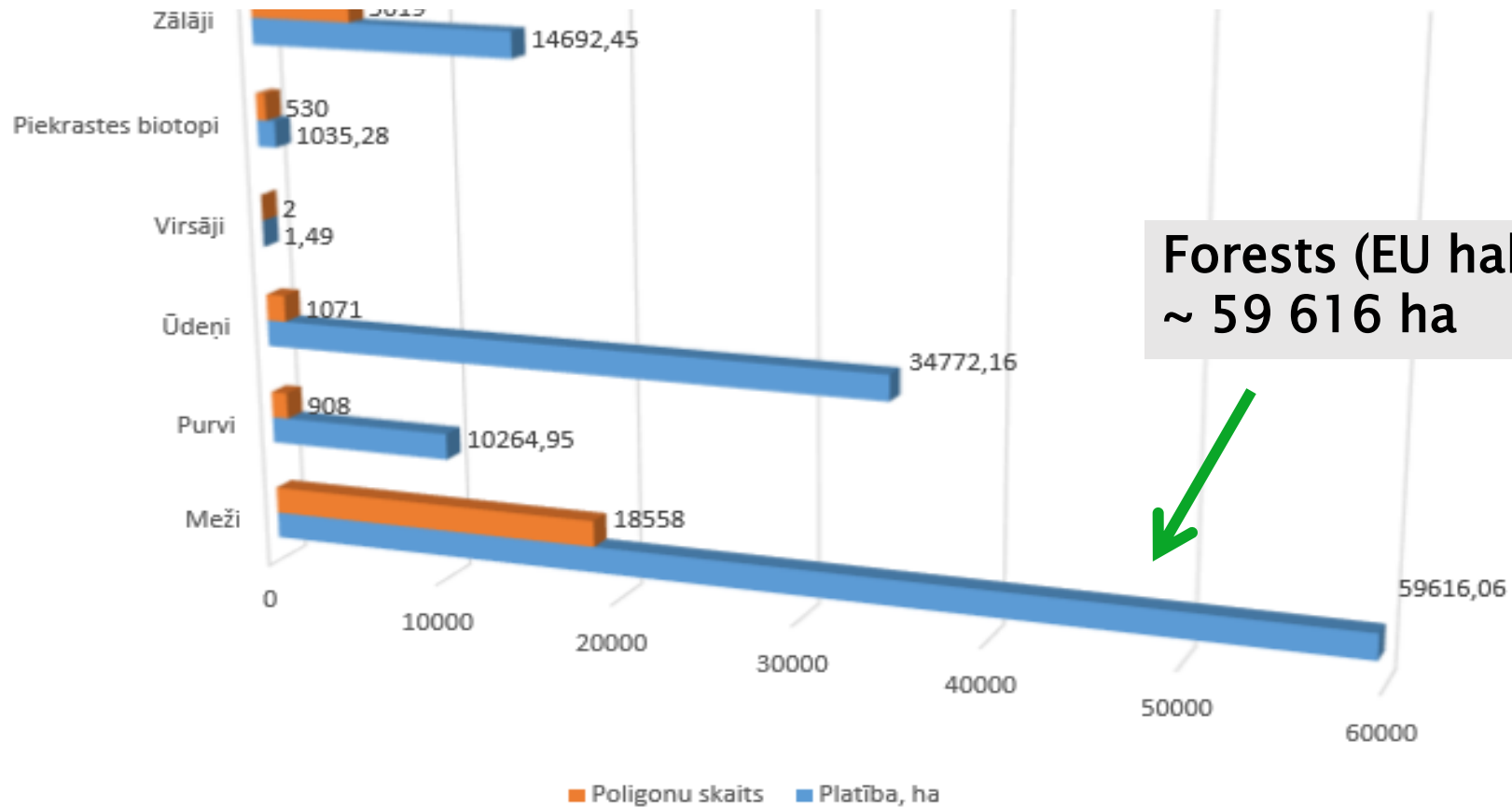
Izdots: 00.00.0000.
Derīga līdz: 00.00.0000.

Dabas aizsardzības pārvalde

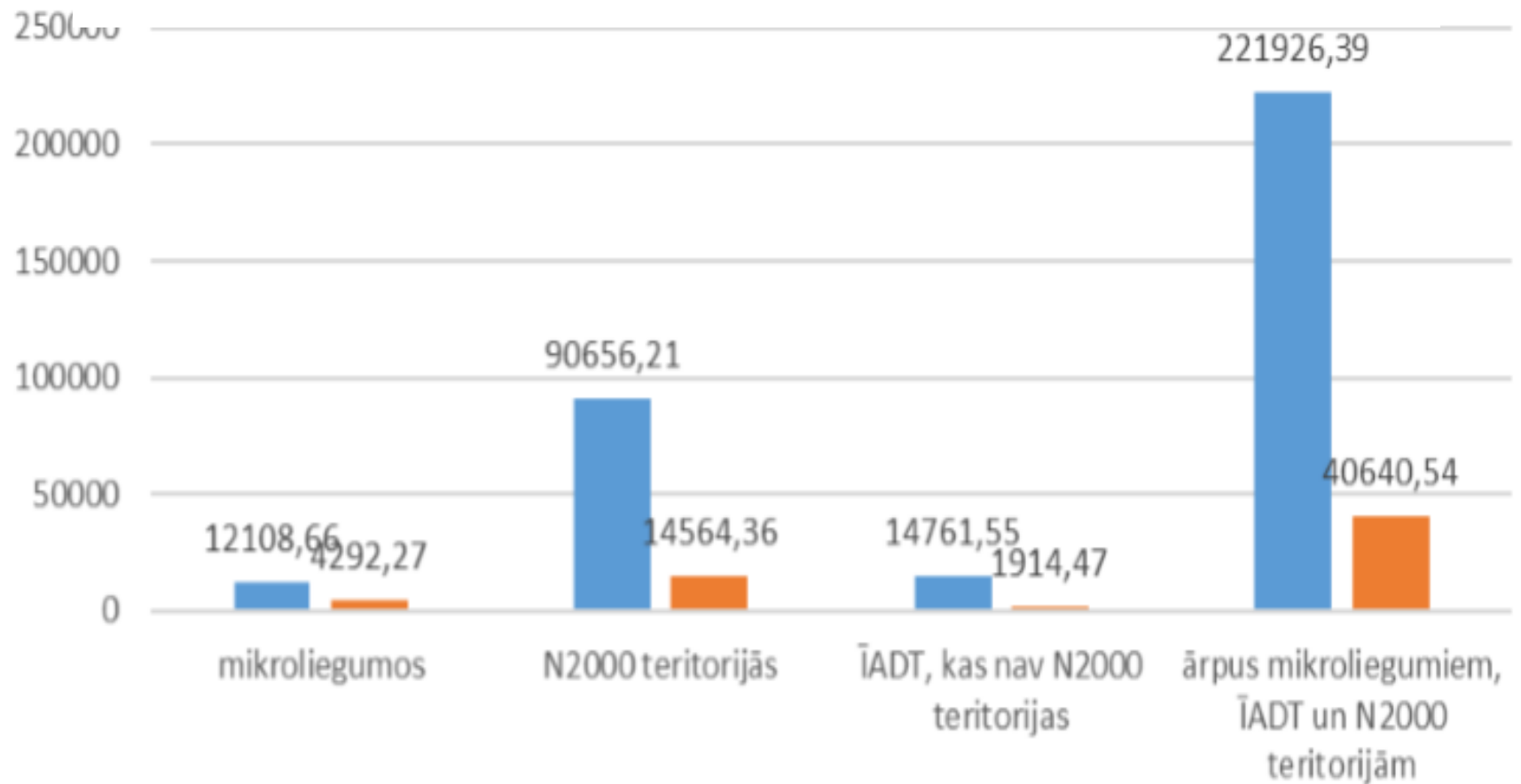
Izsniegta sugu un biotopu inventarizācijas un monitoringa veikšana visā Latvijas teritorijā Dabas aizsardzības pārvaldes pasākumā. Apliecība ir Dabas aizsardzības pārvaldes īpašums.

Problēmu vai apliecības atrašanās gadījumā lūdzam sazināties ar Dabas aizsardzības pārvaldi pa tālruni: +371 000000

Provisional results of 2017



EU forest habitats (provisional results 2017) including 2180 (Wooded dunes)



Inventored, ha



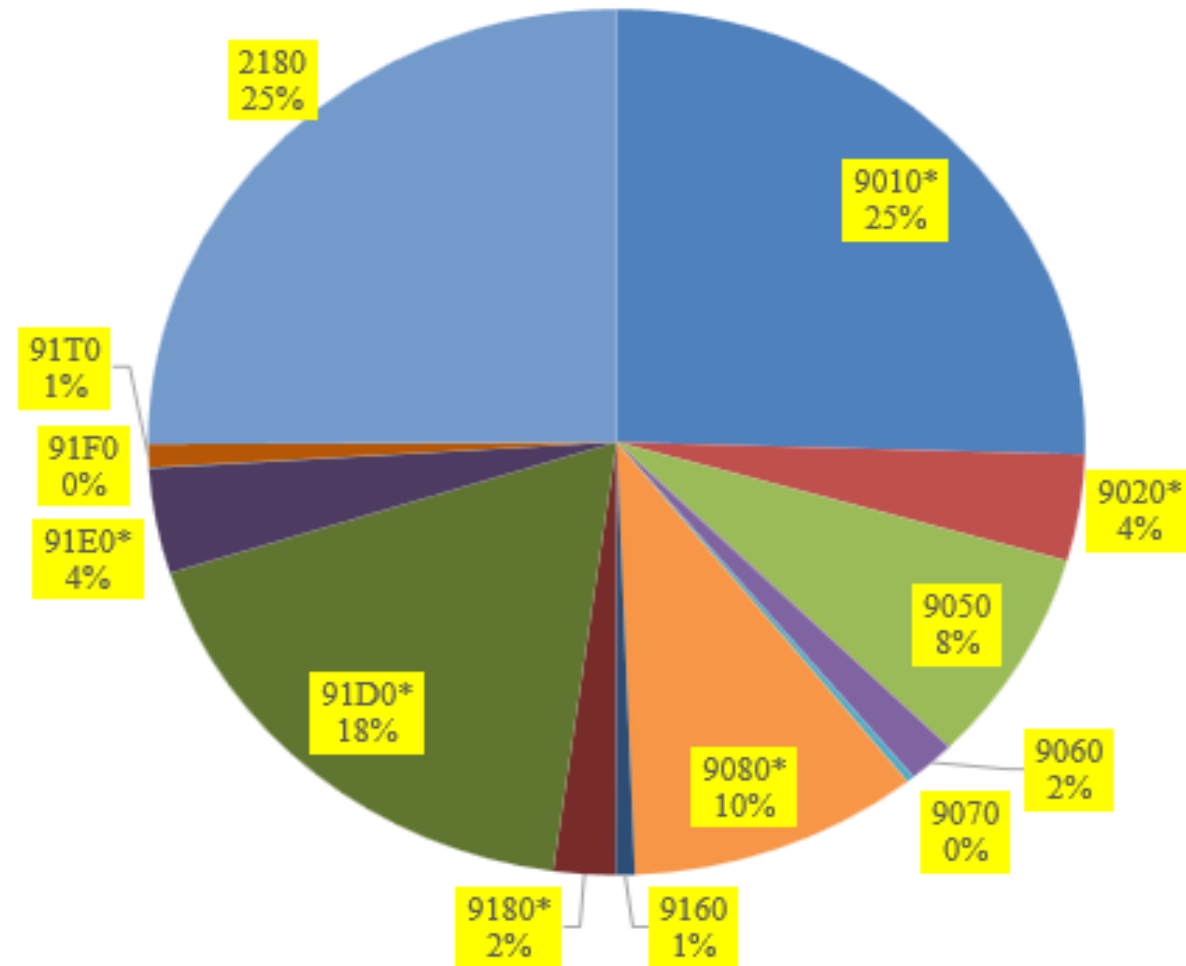
■ apsekoti

■ konstatēti ES nozīmes biotopi

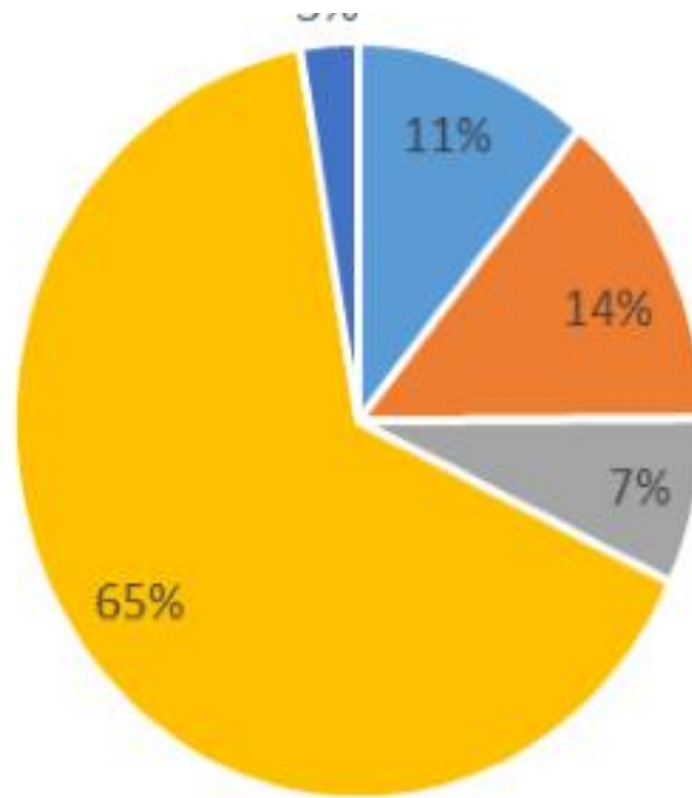
EU habitats, ha



EU protected forest habitats (provisional results, 2017)

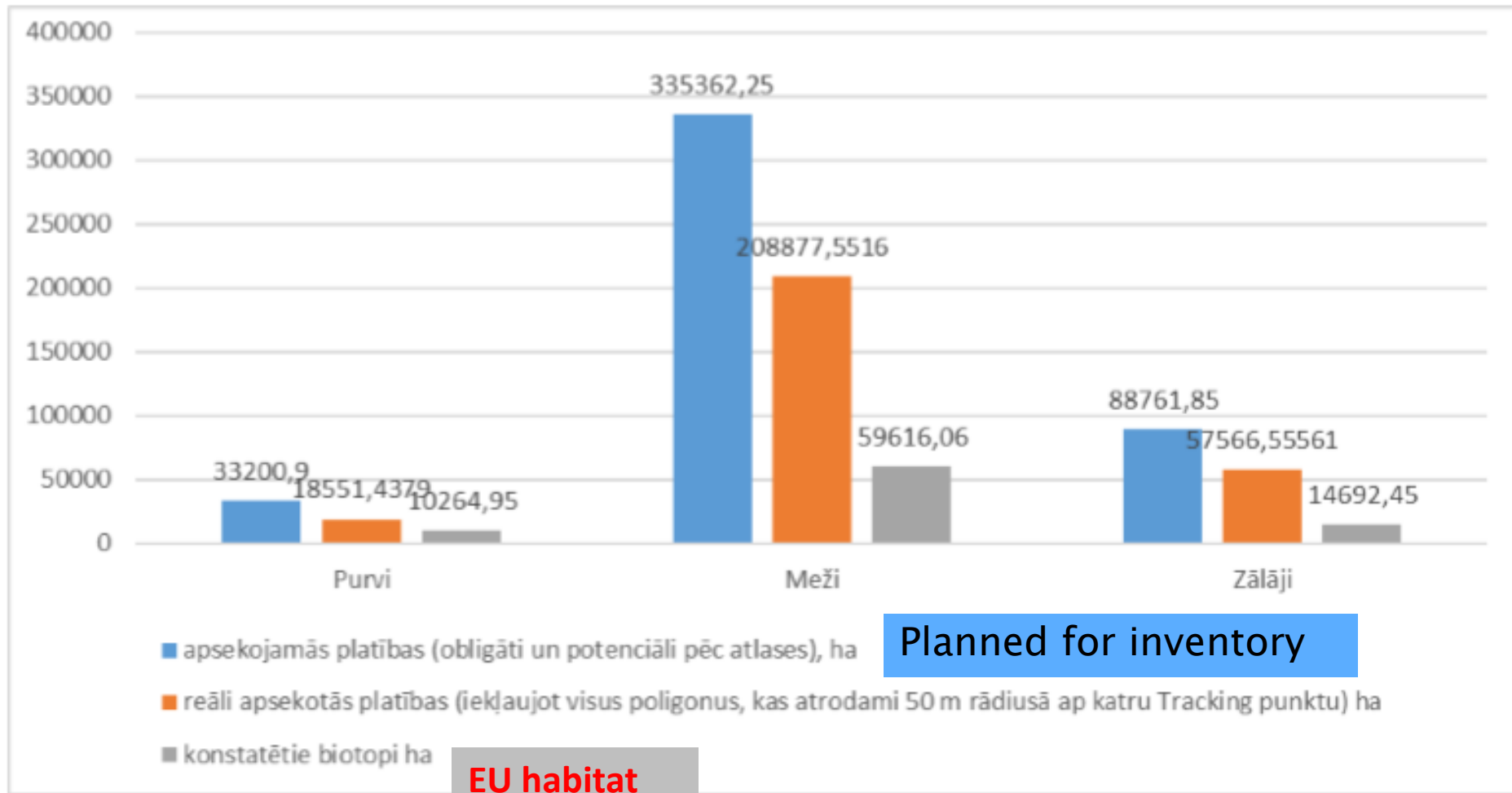


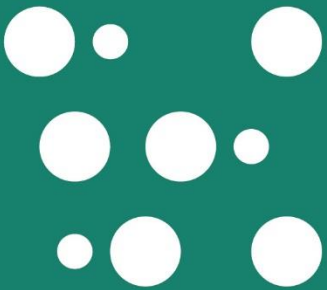
EU protected habitats – owners (provisional results, 2017)



■ Fiziska persona ■ Juridiska persona ■ Pašvaldība ■ Valsts ■ Nav zināms

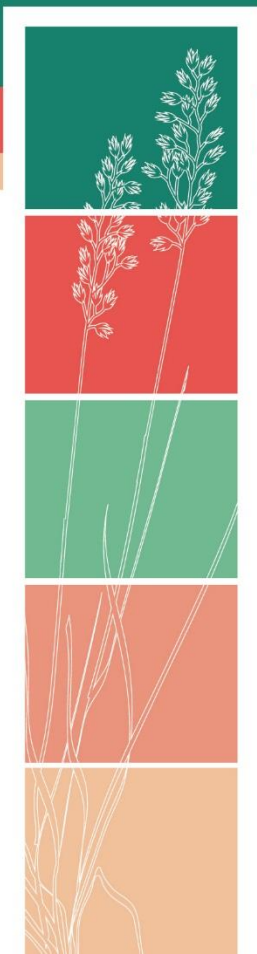
EU protected habitats (provisional results, 2017)





DABAS
SKAITĪŠANA

www.daba.gov.lv
www.skaitamdabu.gov.lv



Thank you for attention!

Websites: www.skaitamdabu.gov.lv www.daba.gov.lv



Dabas aizsardzības pārvalde

NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
Kohēzijas fonds

IEGULDĪJUMS TAVĀ NĀKOTNĒ