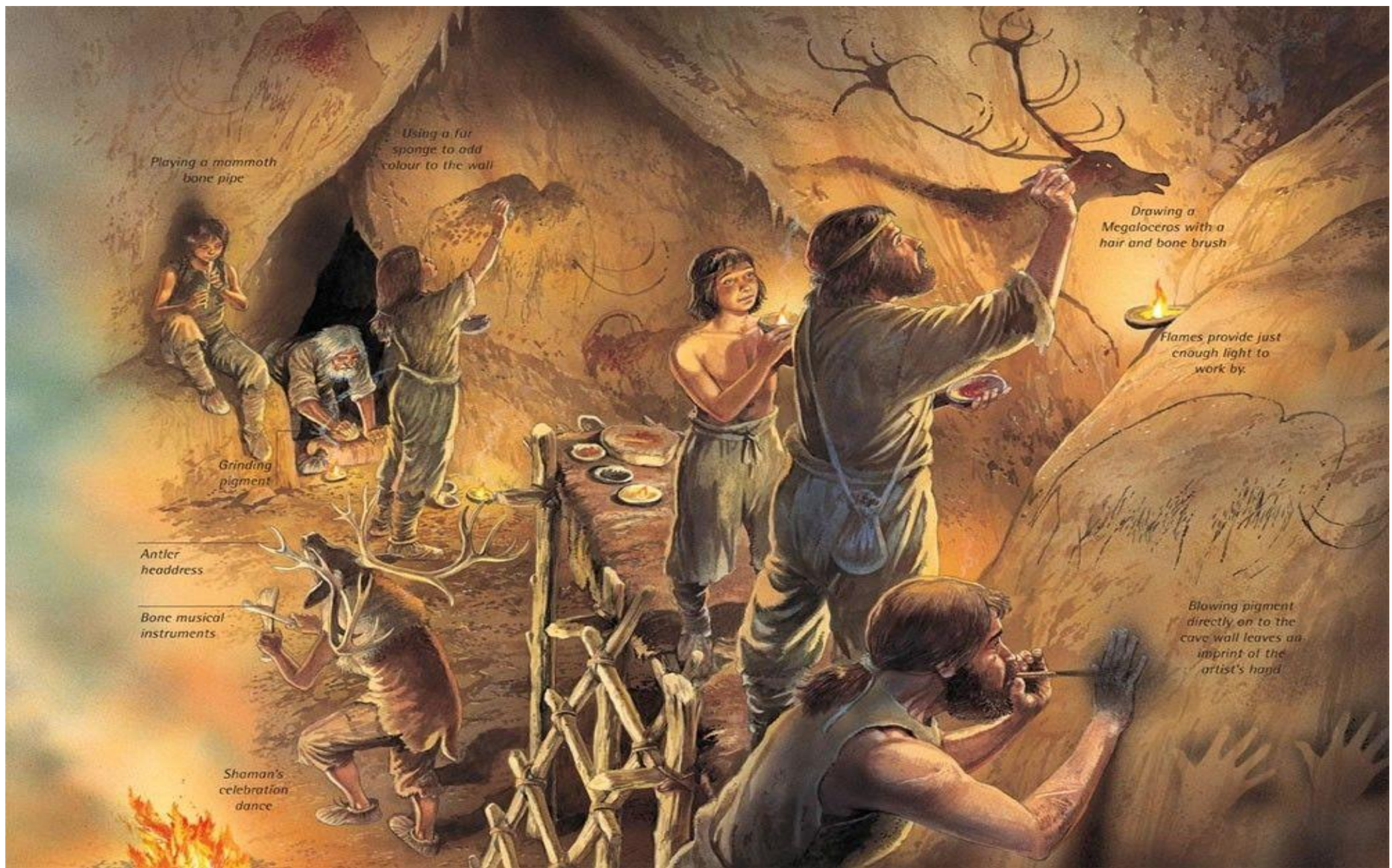


Situācija, ŠĶIET, ir nobriedusi

biežu dzimtas dzīvnieku populācijas apsaimniekošana

M. Līdums
30.03.2019., Rīga



Playing a mammoth bone pipe

Using a fur sponge to add colour to the wall

Drawing a Megaloceros with a hair and bone brush

Flames provide just enough light to work by.

Grinding pigment

Antler headdress

Bone musical instruments

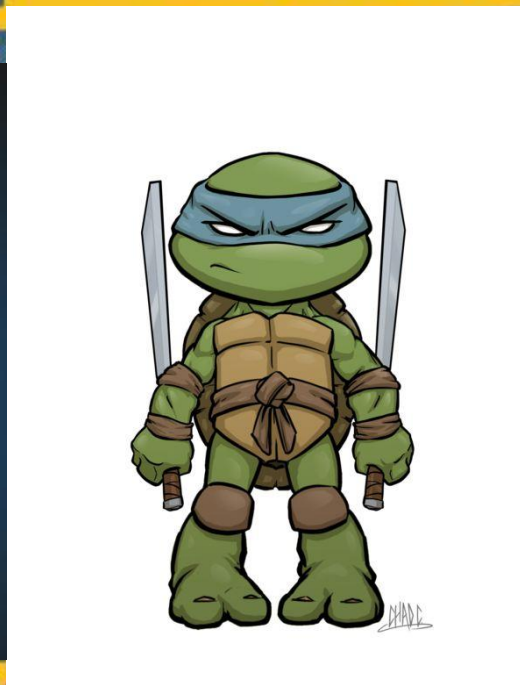
Shaman's celebration dance

Blowing pigment directly on to the cave wall leaves an imprint of the artist's hand

Mūsdienīga (laba) pārvaldība - lēmumi

portāla infografika

8 labas pārvaldības pazīmes



uz
konsensu

taisnīgums

caurskatāmība

Atbildības «smaguma centru» pārvirzīšana

- Darba grupa
 - Iemesli
 - Risinājumi
 - Risinājumu virzība/ieviešana

Iespējamie iemesli

- Divu pušu civiltiesisko attiecību administratīva regulēšana
- Kvalitatīvu datu neesamība populāciju stāvokļa novērtēšanai

Iespējamie risinājumi

- Nomedīšanas apjoma lēmējsapulce:
 - Apsaimniekošanas plāns trim gadiem katrai sugai (pēc nepieciešamības lemj īsākam ciklam)
 - VMD ir veto tiesības tikai tad, ja ir iestājies populācijas kritiskais līmenis

Iespējamie risinājumi

Atbildības sadalījums:

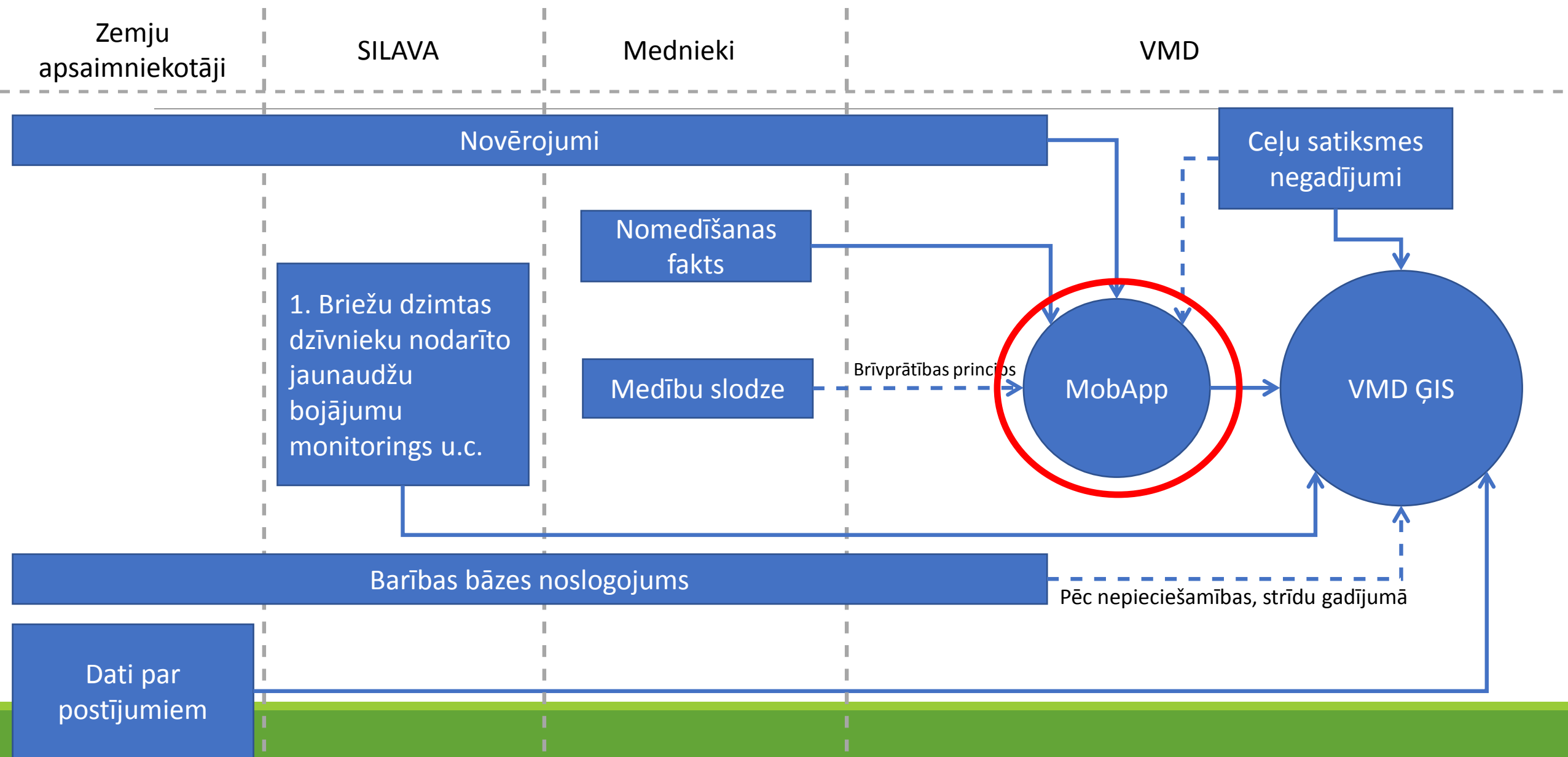
- Valstij:

Sugas populācijas stāvokļa novērtēšana.

Rekomendācijas (nevis rīkojumi) populācijas apsaimniekošanai (uzlabošana, saglabāšana vai ierobežošana).

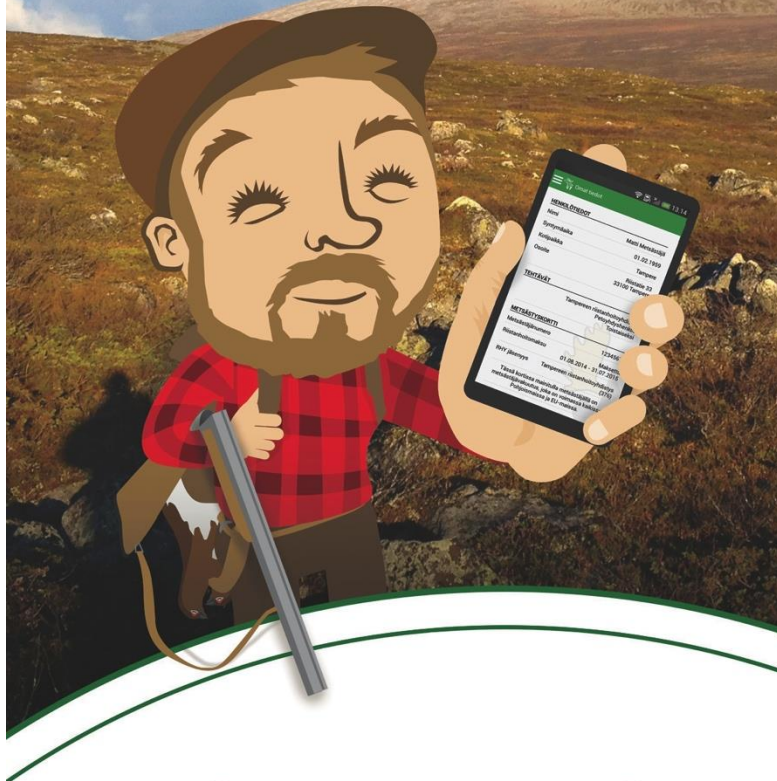
- Iesaistītajām pusēm (zemju īpašnieki, mednieki):
Sugu apsaimniekošana.

Iespējamie risinājumi





Oma riista



**RIISTATIEDOT
TALTEEN**
oma.riista.fi

Experiences on modern, high quality game data collection and utilisation

Jarkko Nurmi

Director of sustainable wildlife management

Mr. Ari Kontiainen

Finnish Wildlife Agency



Priority:

We need reliable,
(more) timely, high
quality game data.

Decision:

Follow selected
principles when
implementing a
modern service.

You will hear about

1. Challenges
2. Principles
3. Achievements

+ a bonus!



#1

**Hunters need
to perceive
personal value
from using our
service.**

#2

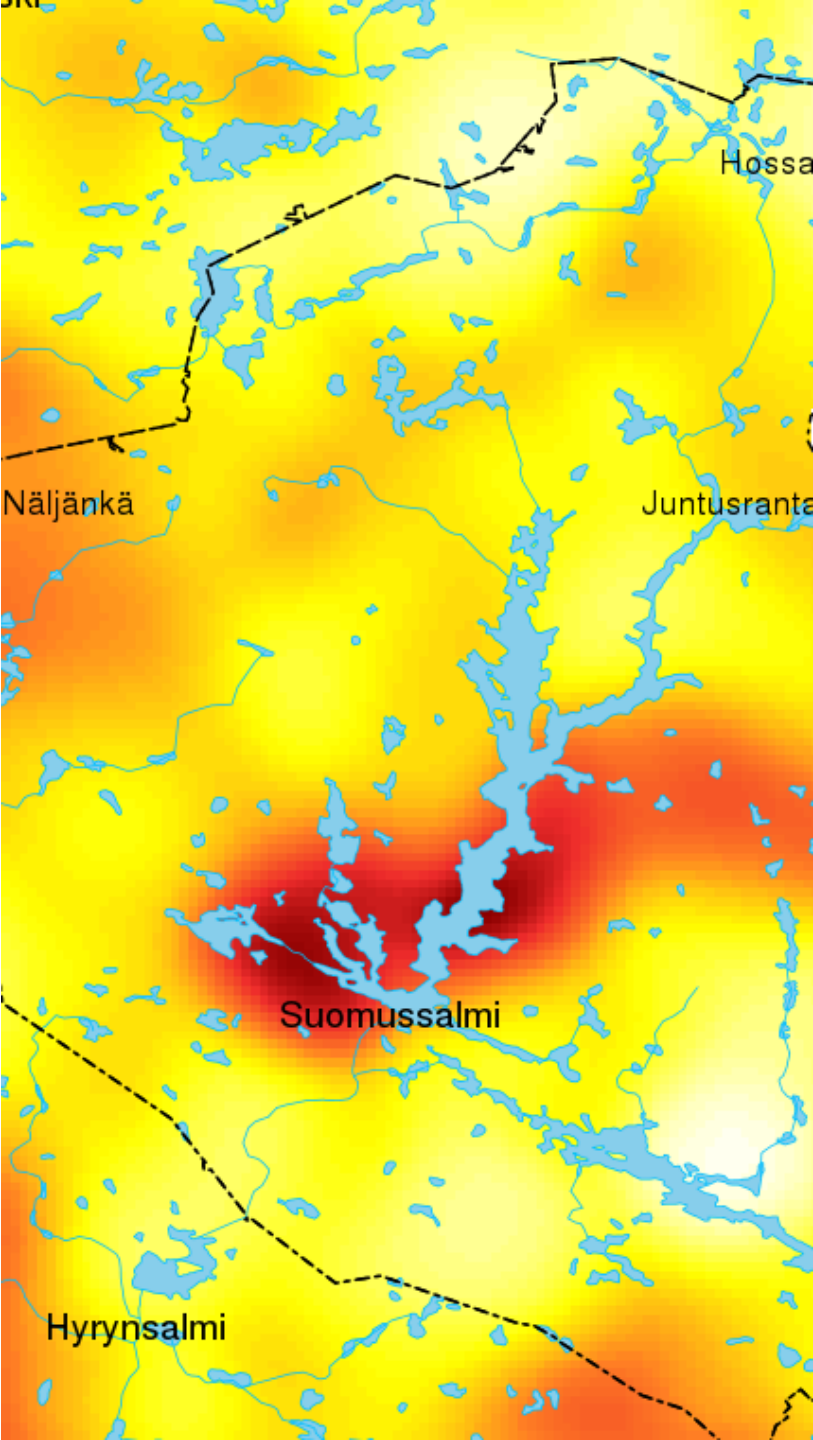
**When we
succeed in #1,
we will get
all the data
needed.**



#3

**Make
key users
happy.**

**(...and the rest
will follow.)**



#4

**Always give
back more than
you take.**

**Knowledge
sharing
is power.**



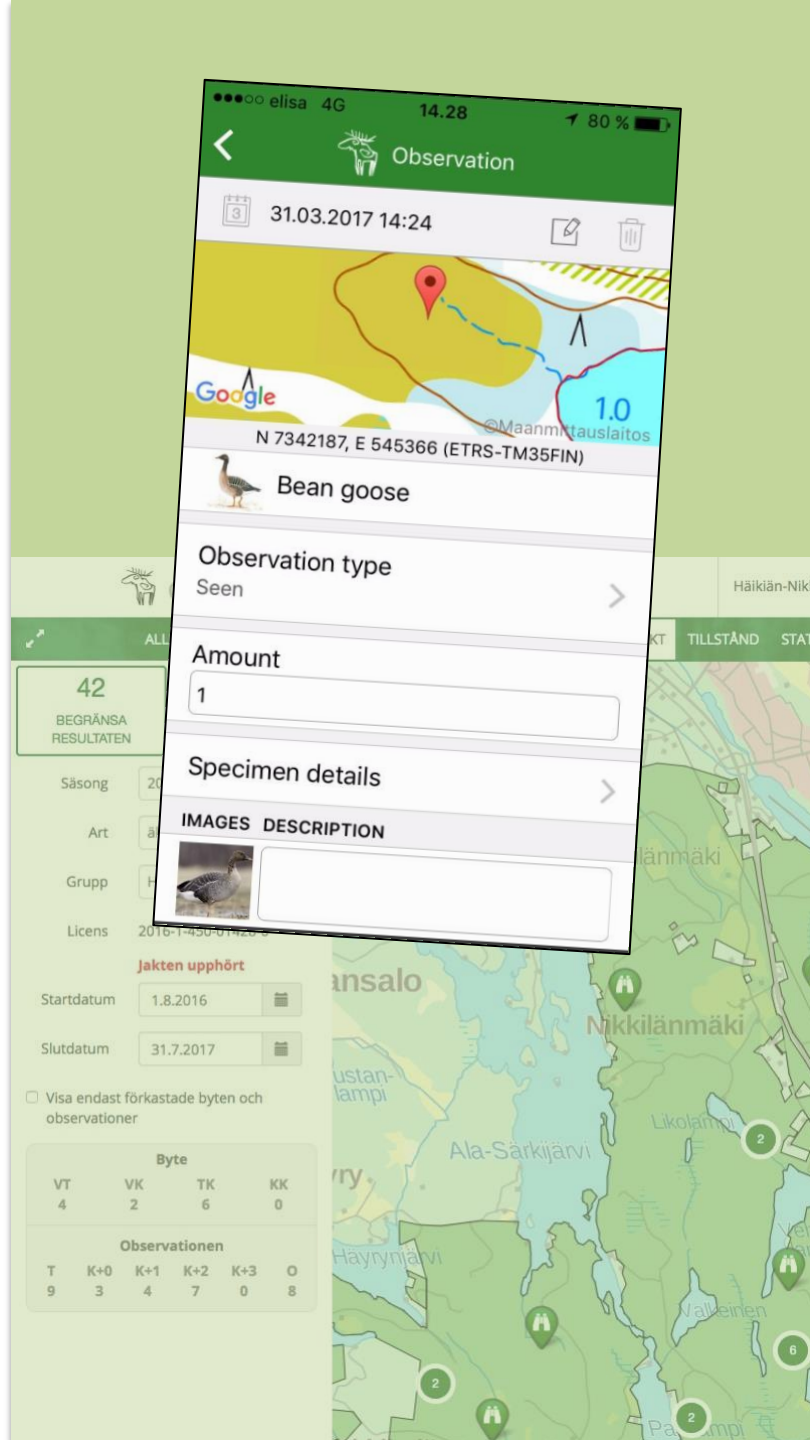
#5

**Build and
maintain trust.**

(...or game over.)

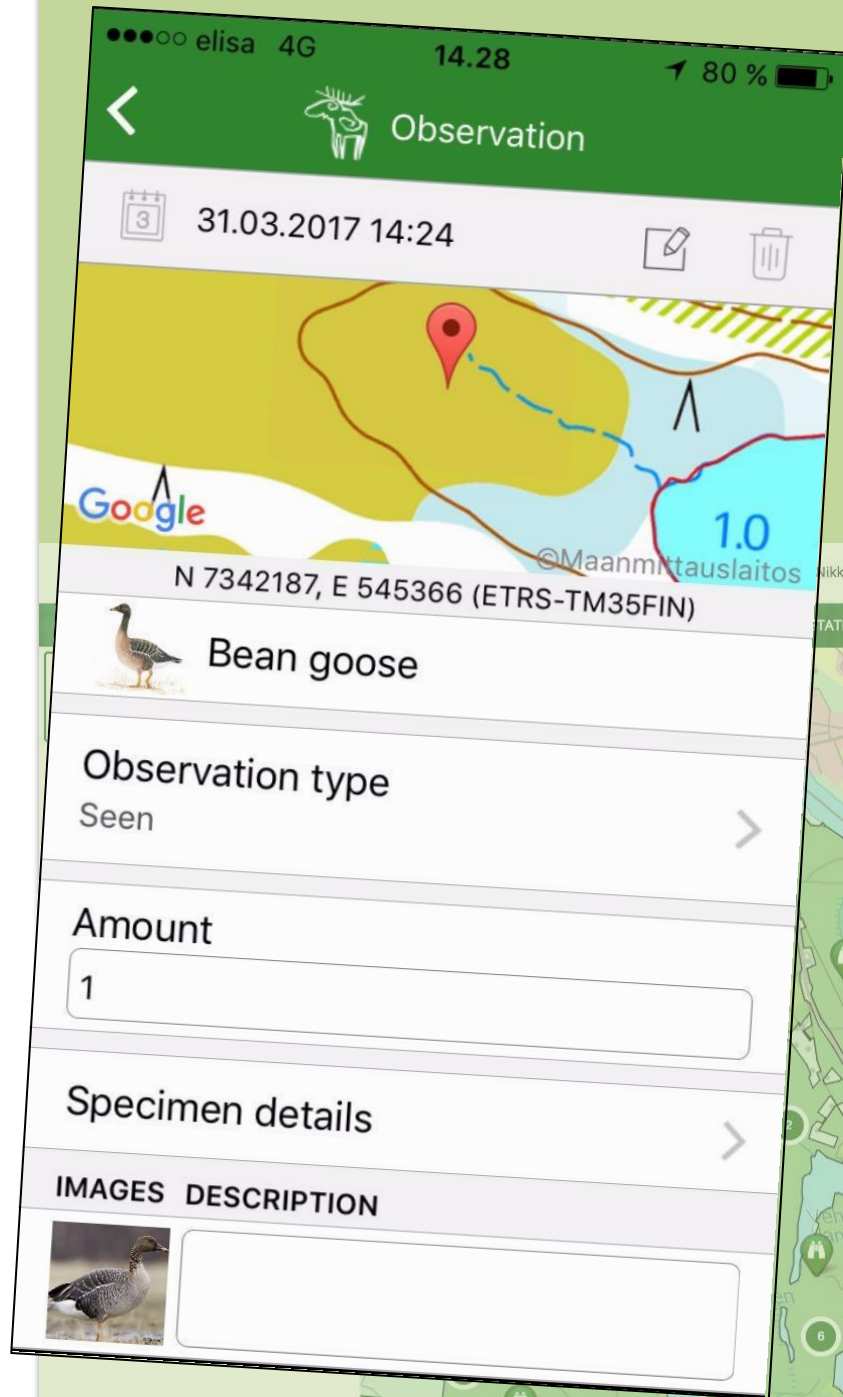
Data gathering with "Oma riista" service

- Usage from mid-2014...
 - **94.000+** hunters
 - **5.000+** hunting associations
 - **900.000+** game records
- Using our web and mobile applications
- Free of charge



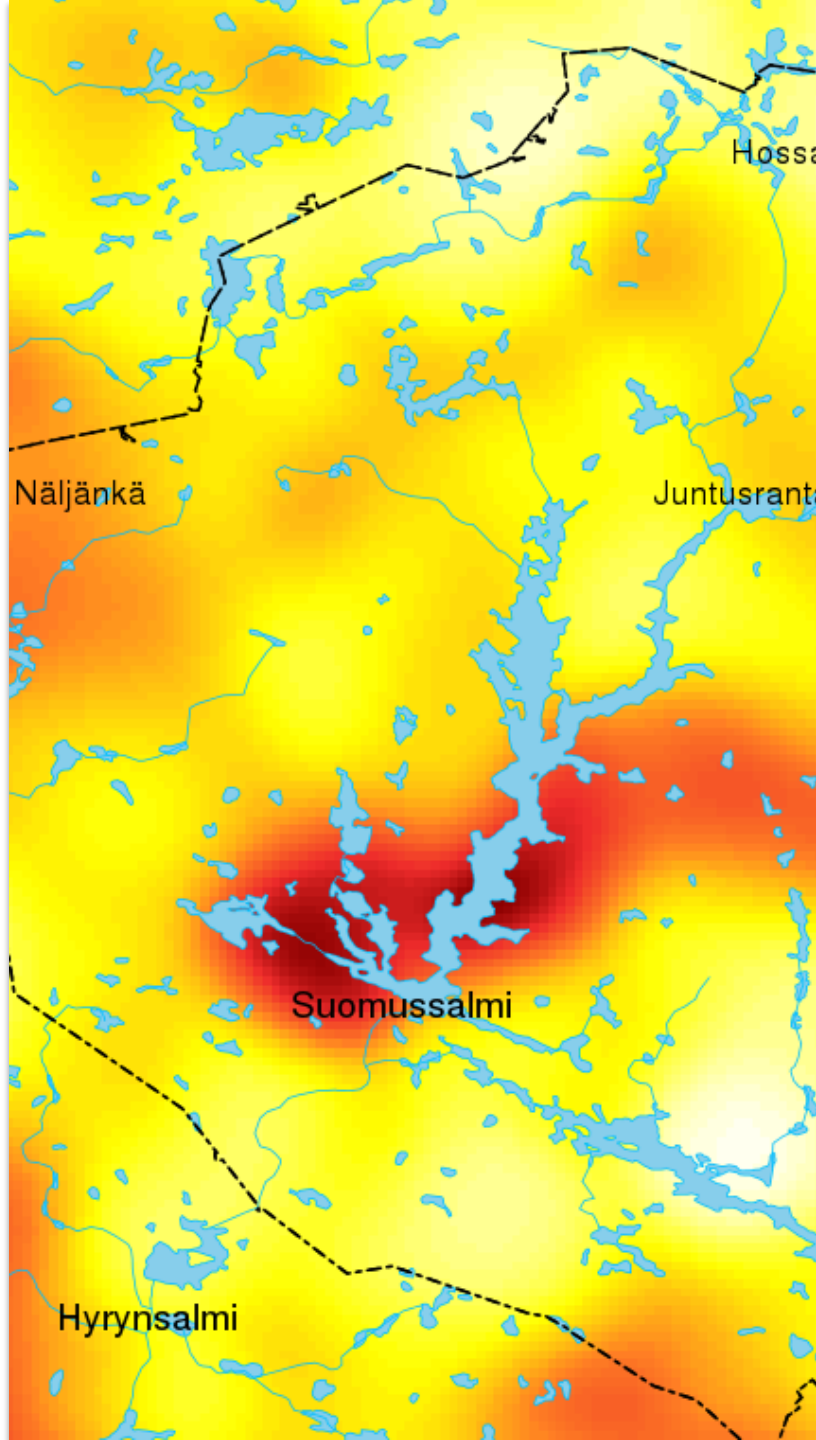
Moose and deer permits use follow-up

- During hunting season, near real time
 - Hunters have accurate data for permit usage related decisions
 - Coming: forecasts!
- Example
 - Several hunting clubs using same license in Northern Savolax during 2016-2017



Every hunter benefits from...

- Personal hunting diary
- Gather harvest and observation data (for all game species)
- Electronic hunting card
- Permits
- Hunting area maps
- Commercial services support



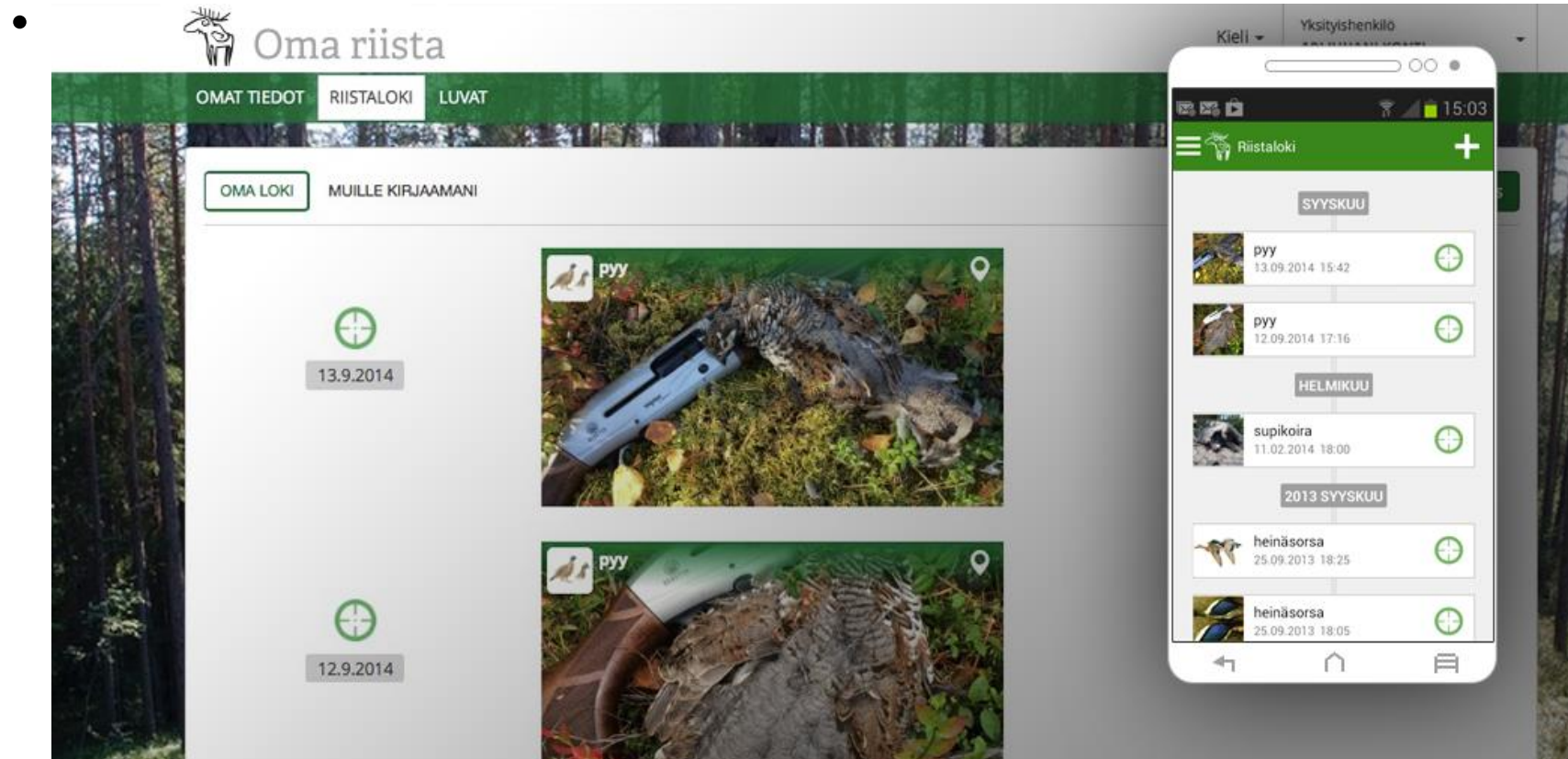
Data for observation density heat maps

- Example
 - Moose observations per hunting team day
- Generated automatically, on different levels
 - Hunting associations
 - Game mgt area
 - Game mgt district
 - Finland

Tools for harvest data collection needed in whole Europe !



- *Information about bag statistics, wing surveys and part of game population monitoring could be done and data collected by means of digitalization in Europe*
 - *that would guarantee sustainable hunting of migrative species*
 - *declining duck species and Taiga Bean Goose*





"Oma riista" service :: Summary

- **Collects high quality game animal data** for game research, population estimation, permit decisions and further analysis.
- **Provides concrete value** also for individual hunters, license holders and hunting associations.
- **Saves** hunters' money, removes obsolete work and reduces manual processing of data collected.
- Is already **used very widely** in Finland.



BONUS

- Oma riista service's source code is freely available as Open Source. Note: Customization is required to meet every country's specific requirements.

Paldies!

LATVIJAS MEDNIEKU SAVIENĪBA
KOPSAPULCE 30.03.2019.

