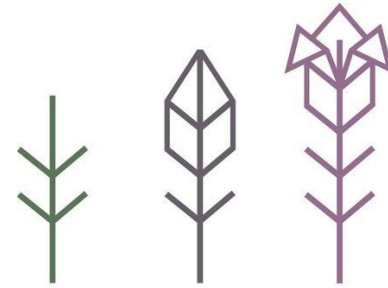




KESKKONNAMINISTEERIUM



LIFE  
Viva  
Grass

# COSTING THE EARTH?

## Translating the Ecosystem Services Concept into Practical Decision Making

**Marko Pomenrants**  
Minister of the Environment

10.05.2017

# EU Biodiversity Strategy

## 2020 headline target

**Halting the loss of biodiversity** and the degradation of ecosystem services in the EU by 2020, and **restoring them in so far as feasible**, while stepping up the EU contribution to **averting global biodiversity loss**.

# EU Biodiversity Strategy

## TARGET 2

### maintain and restore ecosystems and their services

By 2020, ecosystems and their services are  
**maintained and enhanced**  
by establishing **green infrastructure**  
and **restoring at least 15%** of degraded ecosystems

# EU Biodiversity Strategy European Commission mid-term review (2015)

## 2020 Headline Target: no significant progress

- Overall, **biodiversity loss and the degradation** of ecosystem services in the EU **have continued**.
- While **many local successes** demonstrate that action on the ground delivers positive outcomes, these examples **need to be scaled up** to have a measurable impact on the overall negative trends.

# EU Biodiversity Strategy European Commission mid-term review (2015)

## Target 2: insufficient progress

- Progress has been made on **policy & knowledge improvement** actions under this target, and some **restoration activities** have taken place in MS.
- However, this **has not yet halted the trend of degradation of ecosystems** and services.
- **National and regional frameworks to promote restoration and green infrastructure** need to be developed and implemented.

# **ESTONIA**

## **mapping ecosystem services**

### **Nature Conservation Development Plan 2020**

**evaluate the condition of ecosystems  
and map out related goods & services by 2018**

# ESTONIA

## mapping ecosystem services

**Development of Methods for Assessment and  
Mapping  
of Ecosystem Services of Marine and Inland Waters**

Project duration: July 2014 – March 2016



**Peipsi  
Center for  
Transboundary  
Cooperation**

# ESTONIA

## mapping ecosystem services

**Essential Tools for Integrating Socio-Economic and Climate  
Change Data  
into Assessing and Forecasting Biodiversity Status,  
and Ensuring Data Availability**

Project duration: January 2015 – December 2023



REPUBLIC OF ESTONIA  
ENVIRONMENT AGENCY



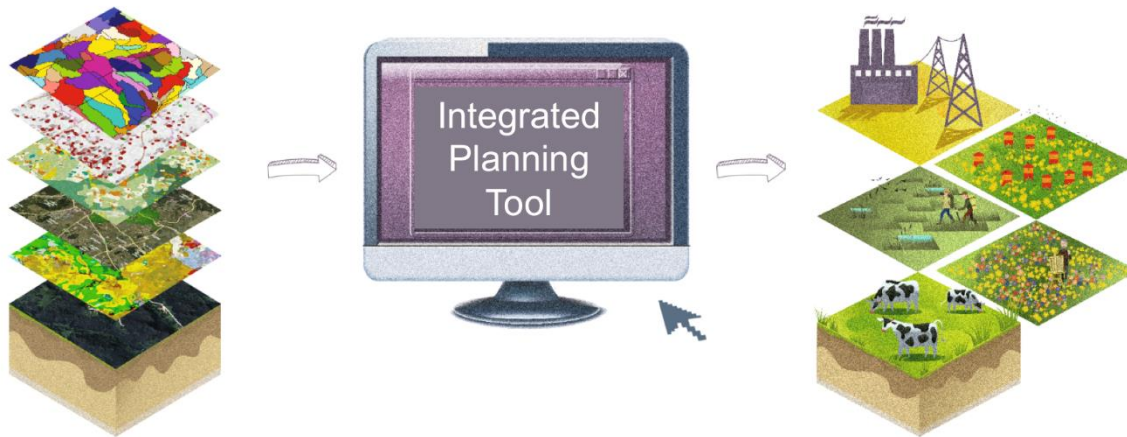




# ESTONIA

## protection & restoration semi-natural grasslands

Baltic LIFE project “VivaGrass” => Integrated Planning Tool



LIFE  
Viva  
Grass



# WELCOME TO THE FOREST

Estonian state forests welcome you to spend the spring exploring our national parks and hiking trails.

[FIND YOUR WAY HERE >](#)

SEARCH OPTIONS

RECREATION AREAS

NATIONAL PARKS

NATURE RESERVES

HIKING ROUTE

# Protected areas

Protected areas have been established to preserve, protect and introduce the integrity of the ecosystems of the areas. Select the protected area of your interest in the protected areas map.



SEARCH OPTIONS

RECREATION AREAS

NATIONAL PARKS

NATURE RESERVES

HIKING ROUTE

# National parks

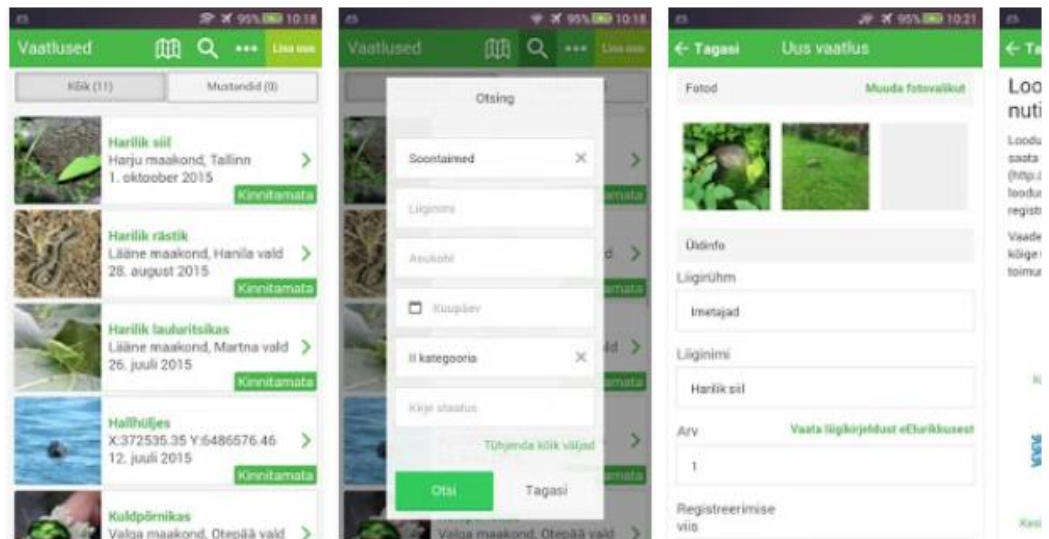
National parks are areas of particular national importance, established to protect, research and introduce the nature and cultural heritage.





# ESTONIA

## environmental awareness





SEARCH OPTIONS

RECREATION AREAS

NATIONAL PARKS

NATURE RESERVES

HIKING ROUTE

# RMK Recreation Areas

The state forest kindly welcomes all visitors who care about nature. Thirteen wonderfully picturesque recreation areas of the Centre for State Forest Management in Estonia are waiting for you. The areas feature campfire sites, hiking trails, camping and caravan areas, rental huts and forest huts.







[SEARCH OPTIONS](#)[RECREATION AREAS](#)[NATIONAL PARKS](#)[NATURE RESERVES](#)[HIKING ROUTE](#)

# Hiking route

RMK hiking route is a network of long trails going from border to border. These trails go through all of Estonia, through different national parks and nature reserves. You can hike the full route or pick a section you like!

For hikers we offer different benefits and discounts based on the Hiker's Passport.

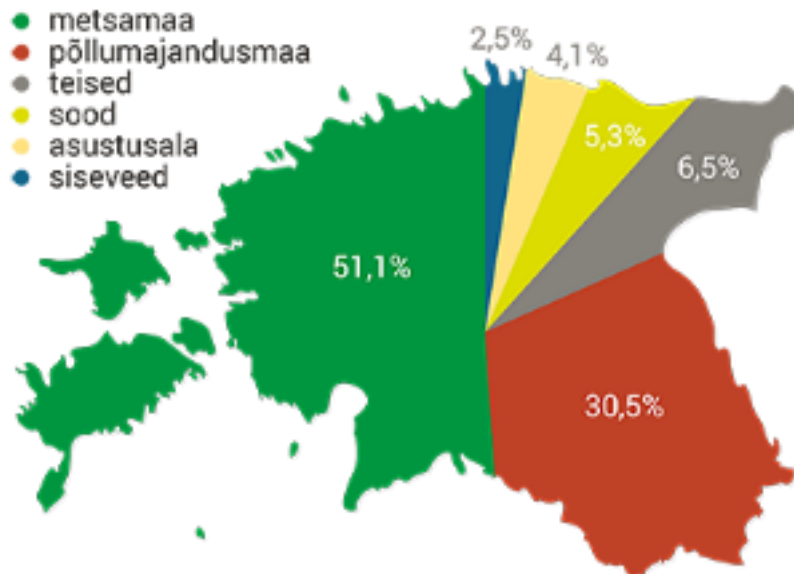
[Hiker's Passport >](#)

# ESTONIA

## environmental awareness

### 51% under forest cover

Eesti pindala jagunemine maakategoriate järgi





# ECO-INNOVATION FOCUS



**24-26 October 2017**

Tallinn, Estonia

## **Nature-based Solutions: From Innovation to Common- Use**

- blue-green infrastructure in smart cities
- nature inspired material science
- integrated water treatment via natural systems
- ecosystem protection & ICT
- ecological restoration through eco-innovation

# URBANCOWS

## Restoration and Public Access of Urban Coastal Meadow Complex in Pärnu, Estonia







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Thank you!