LIFE Viva Grass project: Prioritization of areas for landscape maintenance and management in Cēsis municipality case study area

Anda Ruskule, BEF-LV & Ivo Vinogradovs, LU

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Cēsis municipality case study

Facts about the case study area:

- Area of municipality: 172 km2
- Number of inhabitants: 18 440 (Cēsis 17 170)
- Vaive parish:
  - Share of agriculture land: 35%
  - Share of forests: 56%

Objective of the case study:

- to identify priority areas for landscape maintenance and development and suitable management solutions
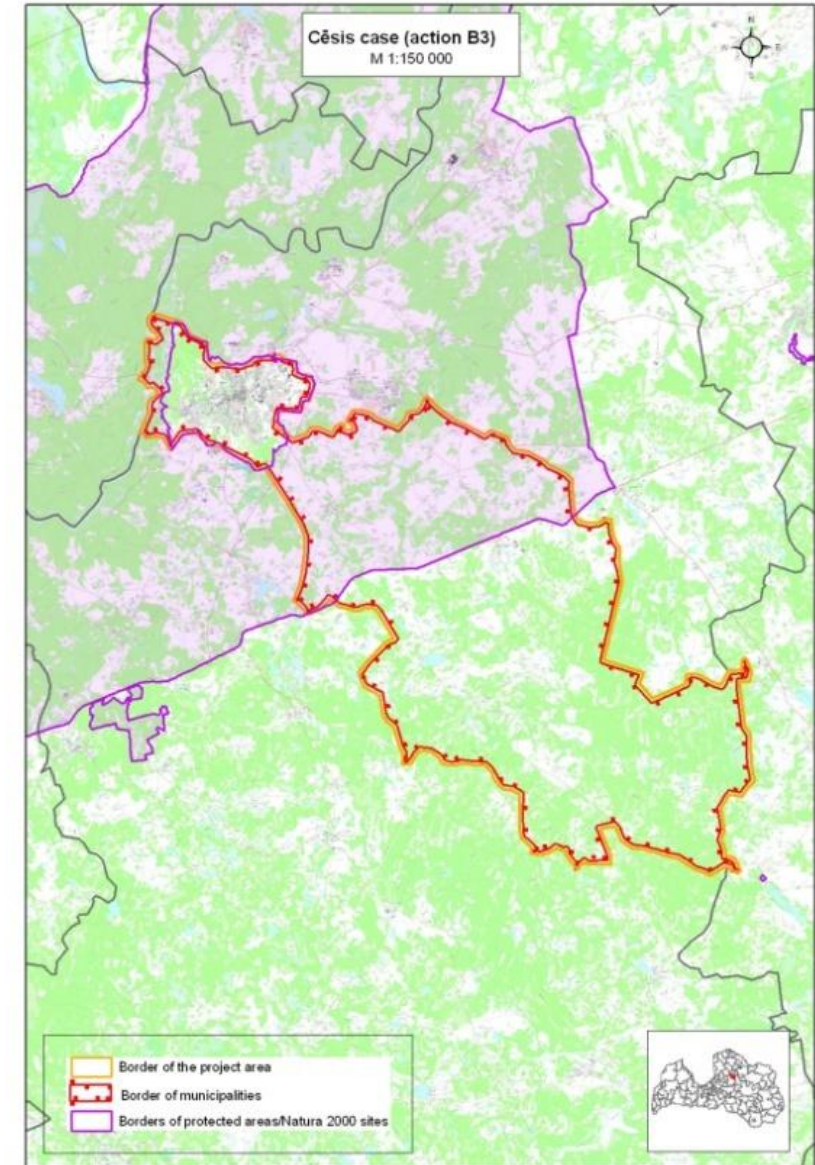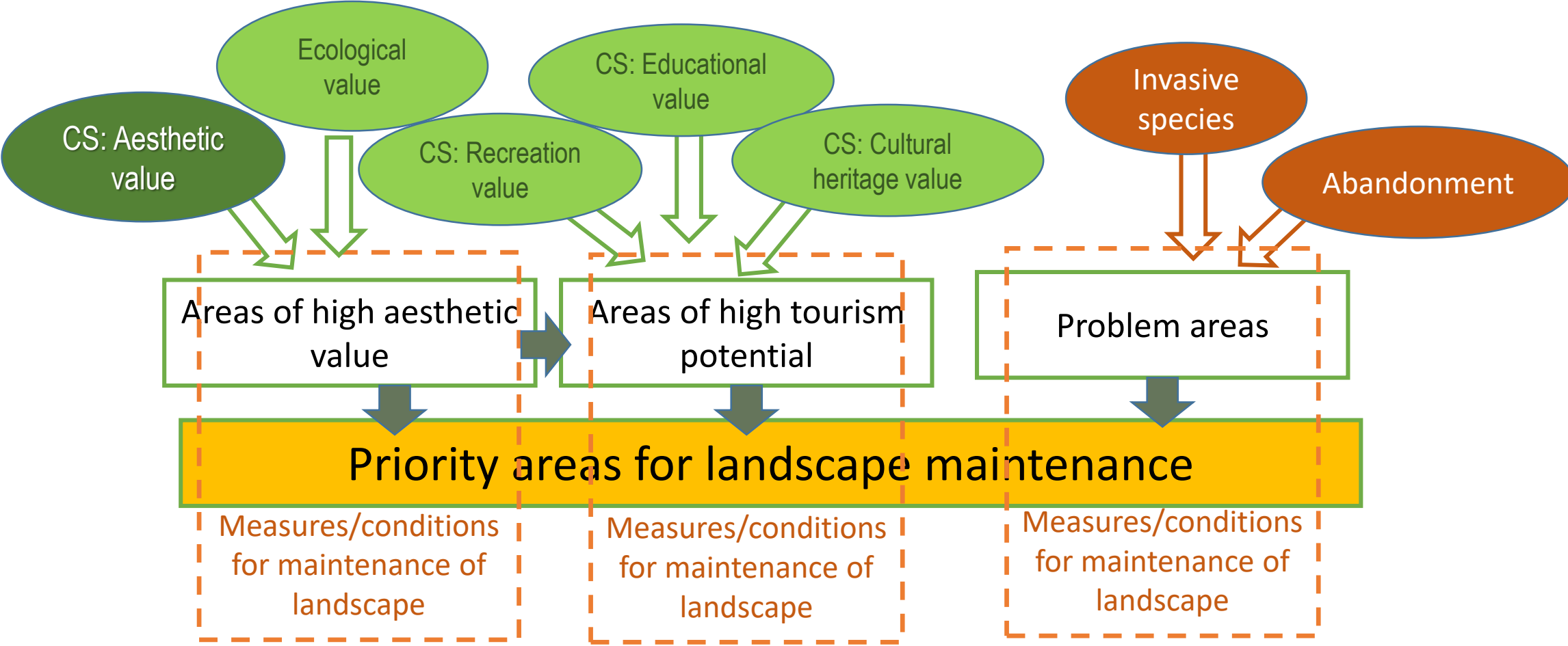
Map on landscape values and risks of Cēsis municipality

Areas defined:

> Landscape aesthetic value:

> Landscape cultural heritage value:

> Landscapes of ecological importance

> Areas of landscape risks:

>> Abandoned agriculture land

>> Areas and road sides invaded by hog-weed;

>> Visually degraded landscapes, objects

The map included in the "Cēsis municipality spatial plan for 2016-2026"

Conceptual model of prioritization

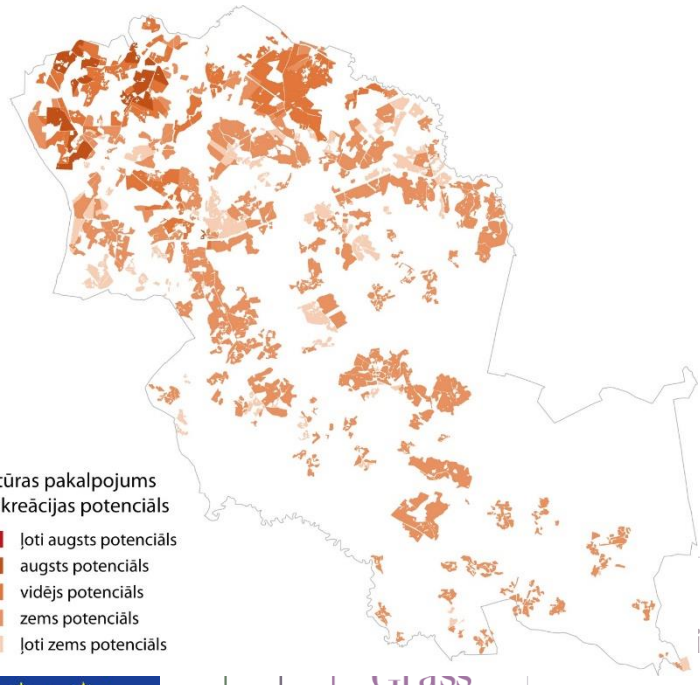# VIVAGRASS PLANNER: Prioritization modele

Values of cultural ecosystem services

Recreational value

Indicators:
- proximity of rural recreational enterprises
- proximity of watching towers
- presence of hunting ground
- social gathering places
- camping sites

Aesthetic value

Indicators:
- vicinity of water bodies and streams,
- linear landscape elements (hedgerows, stonewalls) ,
- naturalness of surroundings
- naturalness of grassland itself,
- level of undulating of terrain,
- openness of landscape

Cultural heritage value

Indicators:

- vicinity of monuments,
- vicinity of farmsteads before 19th century
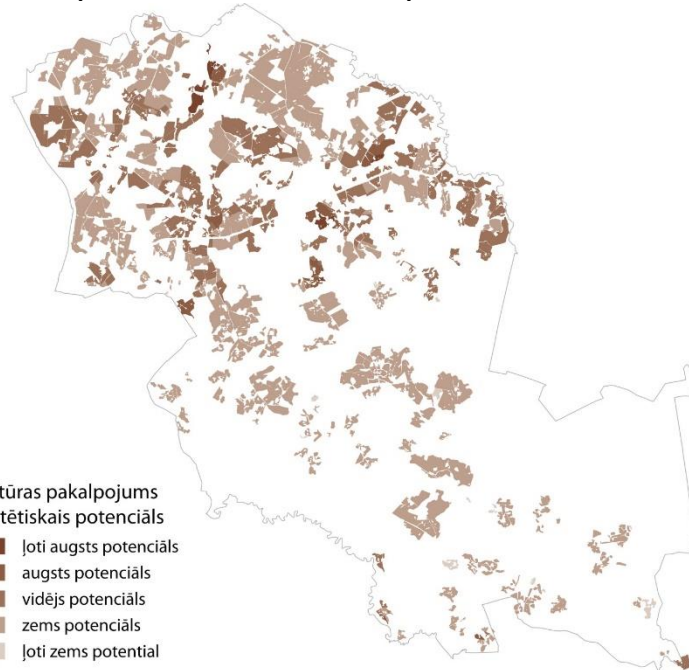- vicinity of traditional land use

Kultūras pakalpojums
- rekreācijas potenciāls
- Ļoti augsts potenciāls
- augsts potenciāls
- vidējs potenciāls
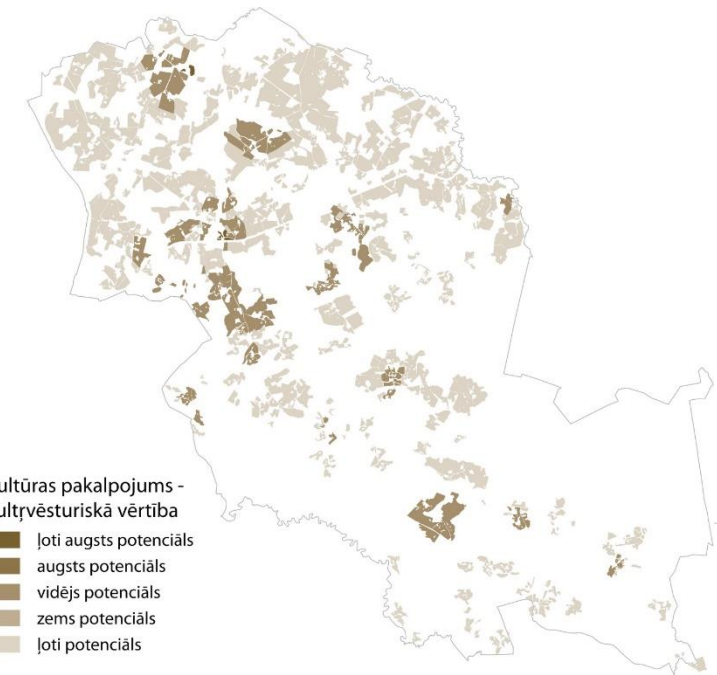- zems potenciāls
- Ļoti zems potenciāls

Kultūras pakalpojums
- estētiskais potenciāls
- Ļoti augsts potenciāls
- augsts potenciāls
- vidējs potenciāls
- zems potenciāls
- Ļoti zems potential

Kultūras pakalpojums -
kultrvēsturiskā vērtība
- Ļoti augsts potenciāls
- augsts potenciāls
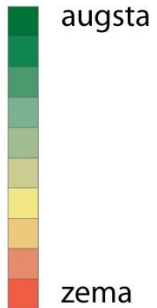- vidējs potenciāls
- zems potenciāls
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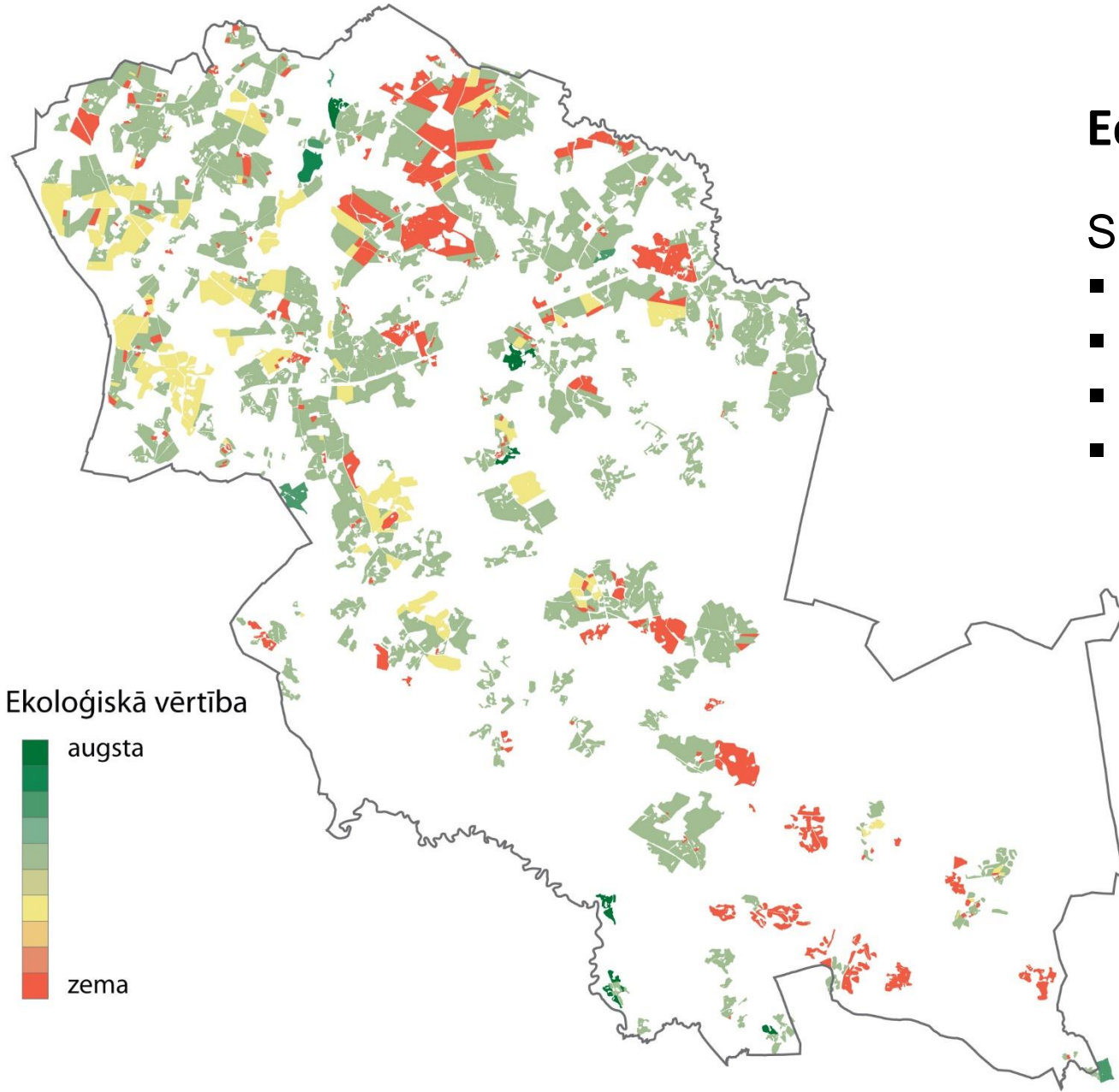
Ecological potential

Sum of the following ecosystem services:
- herbs for medicine
- pollination
- Habitat maintenance
- Global climate regulation

Ekoloģiskā vērtība

augsta

zema

Weighting exercise of ES by local stakeholders

⌄ **Meeting with 18 Representatives of Municipality (spatial planners, tourism experts, farmers etc.):**

› Introduction to landscape as resource for development;

› Linking ES values to well-being dimensions

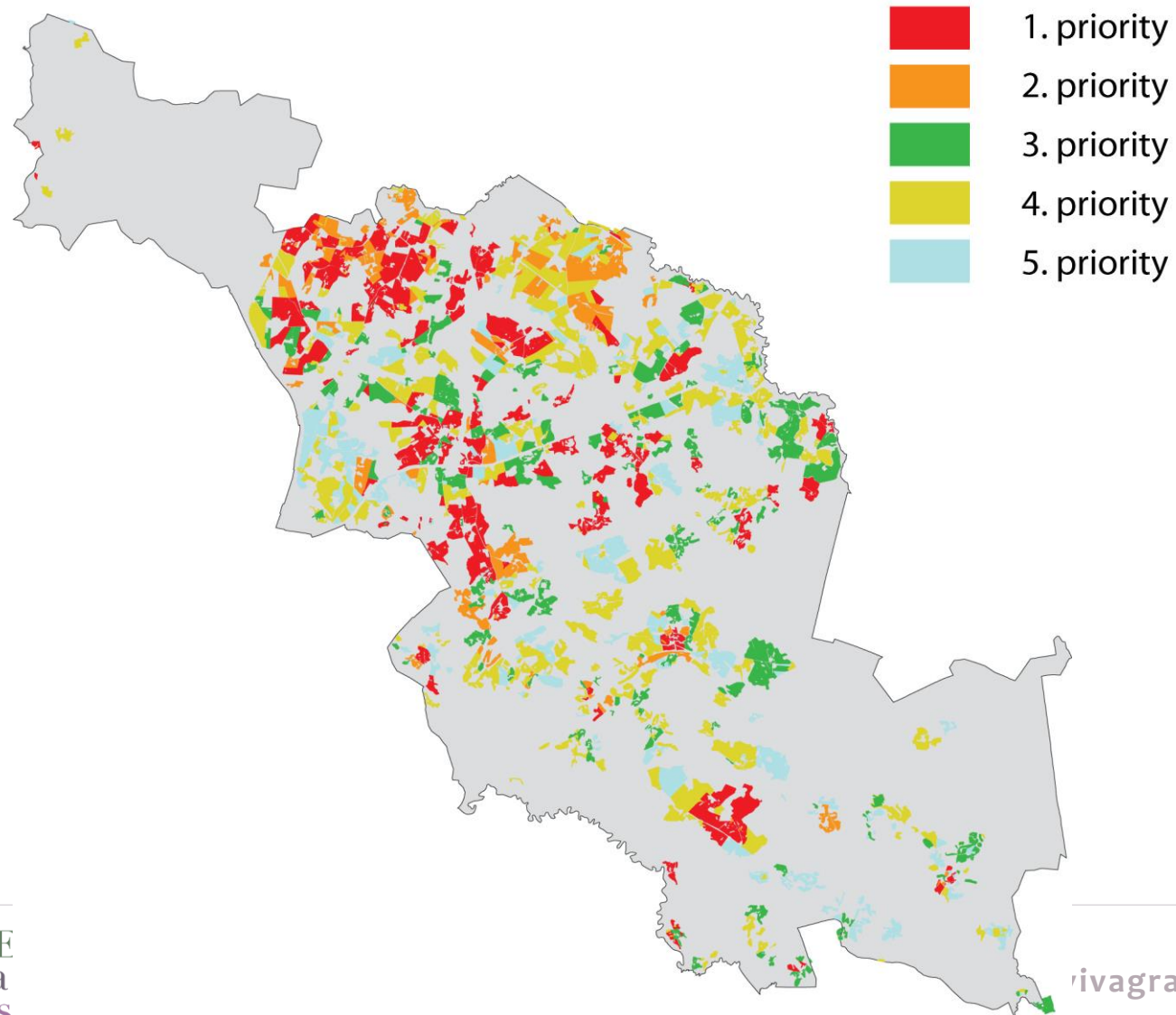› Prioritisation of ES values taking into account their contribution to well- being dimensions

ES values	Average of priorities	Weight %
Aesthetic value	4	25 %
Recreational value	3	18 %
Educational value	2	12 %
Cultural heritage value	3	22%
Ecological value	4	23 %
		100%

Well-being dimensions
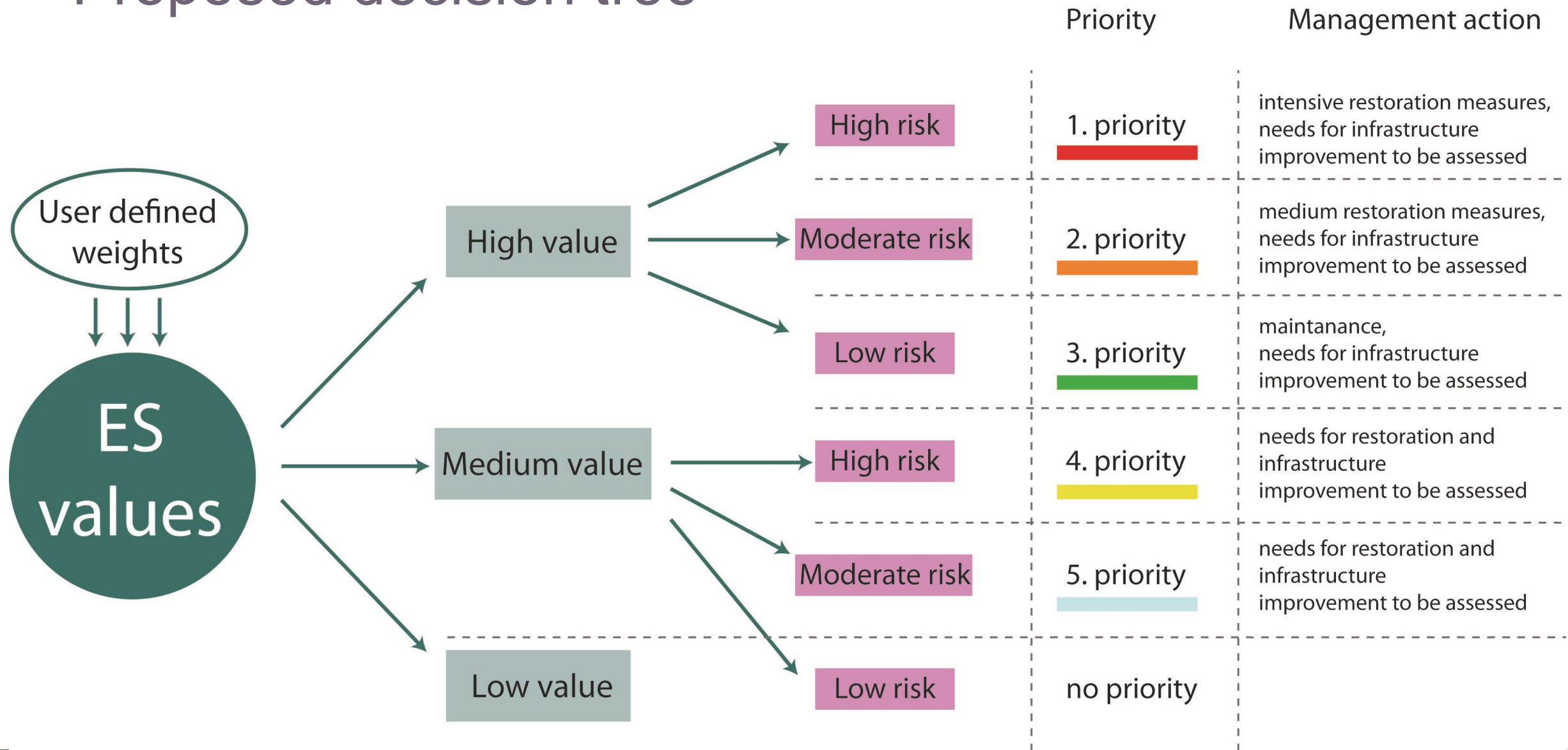*taken into account in prioritisation of ES values:*

- amenity;
- employment possibilities;
- health;
- security
- access to culture
- access to education
- development infrastructure
- social security and care

Priority areas based on landscape values

Legend:
- 1. priority (red)
- 2. priority (orange)
- 3. priority (green)
- 4. priority (yellow)
- 5. priority (light blue)

Proposed decision tree

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Next steps:

➢ Integration of the "decision tree" within the prioritization model of the Tool

➢ Next meeting with stakeholders – to discuss the prioritization results and develop place specific management proposals

➢ Develop recommendations on landscape governance to be integrated in Cēsis Municipality Development Programme, Action Plan

Thank you!