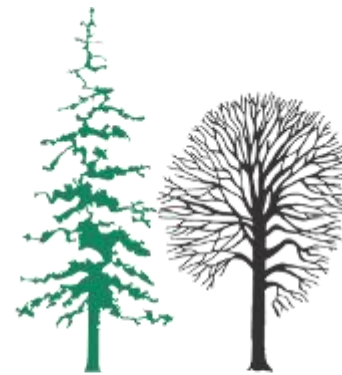


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SUSTAINABLE FORESTS



GOZDARSKI INŠTITUT SLOVENIJE
SLOVENIAN FORESTRY INSTITUTE

SLOVENIAN FORESTRY INSTITUTE

Presented by:
dr. Nike Krajnc

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www.gozdis.si 



Slovenian forestry institute (since 1947)

- The Slovenian Forestry Institute is **a public research institute of national importance**,
- We conduct **basic and applied research** on forests and forest landscapes, forest ecosystems, wildlife ecology, hunting, forest management, and other uses of the resources.

✓ We are a bridge between science and practice

✓ we combine scientific performance with environmental goals

✓ We support the idea that forest can be a key pillar of the green transition

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80 years



Our Core Activities



**FOREST
ECOLOGY**



**FOREST
PHYSIOLOGY
AND
GENETICS**



**FOREST
PROTECTION**



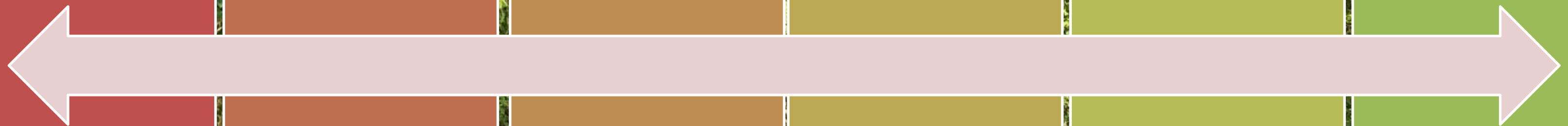
**FOREST
TECHNIQUE
AND
ECONOMICS**



**FOREST AND
LANDSCAPE
PLANNING
AND
MONITORING**



**FOREST YIELD
AND
SILVICULTURE**



Key elements of our work for Sustainable forest sector

Scientific work

Working in national and international projects+ research programs.

Work for the practice

Public forest service and applied projects

Work with industry, local communities,

r development projects.

Policy development

Working with the Ministries and government



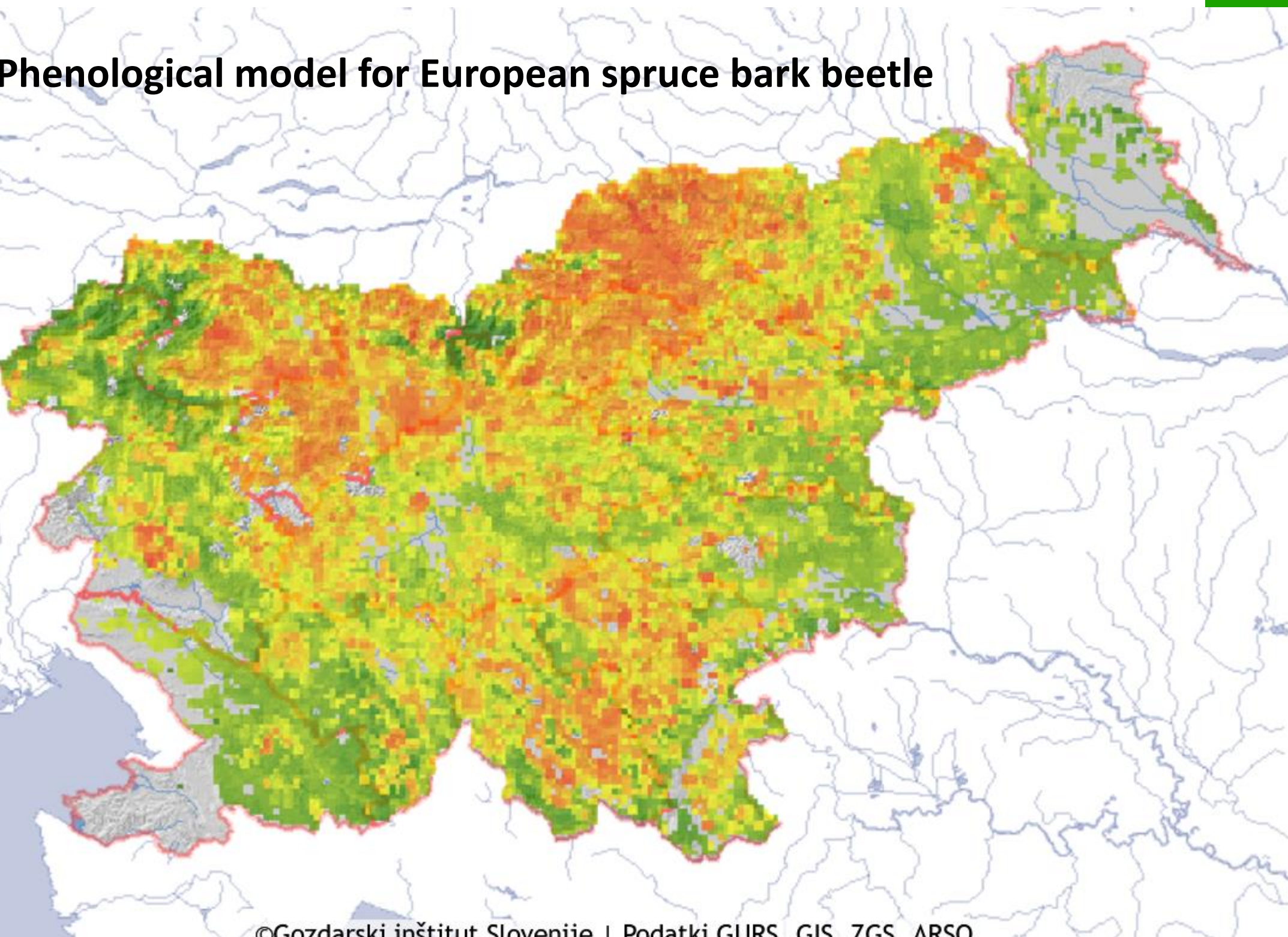
TRANSFER OF KNOWLADGE TO END USERS

- ✓ Policy makers
- ✓ Forest profesionales
- ✓ Forest owners
- ✓ Industry
- ✓ Children and general public



Modeling for practical use

Phenological model for European spruce bark beetle

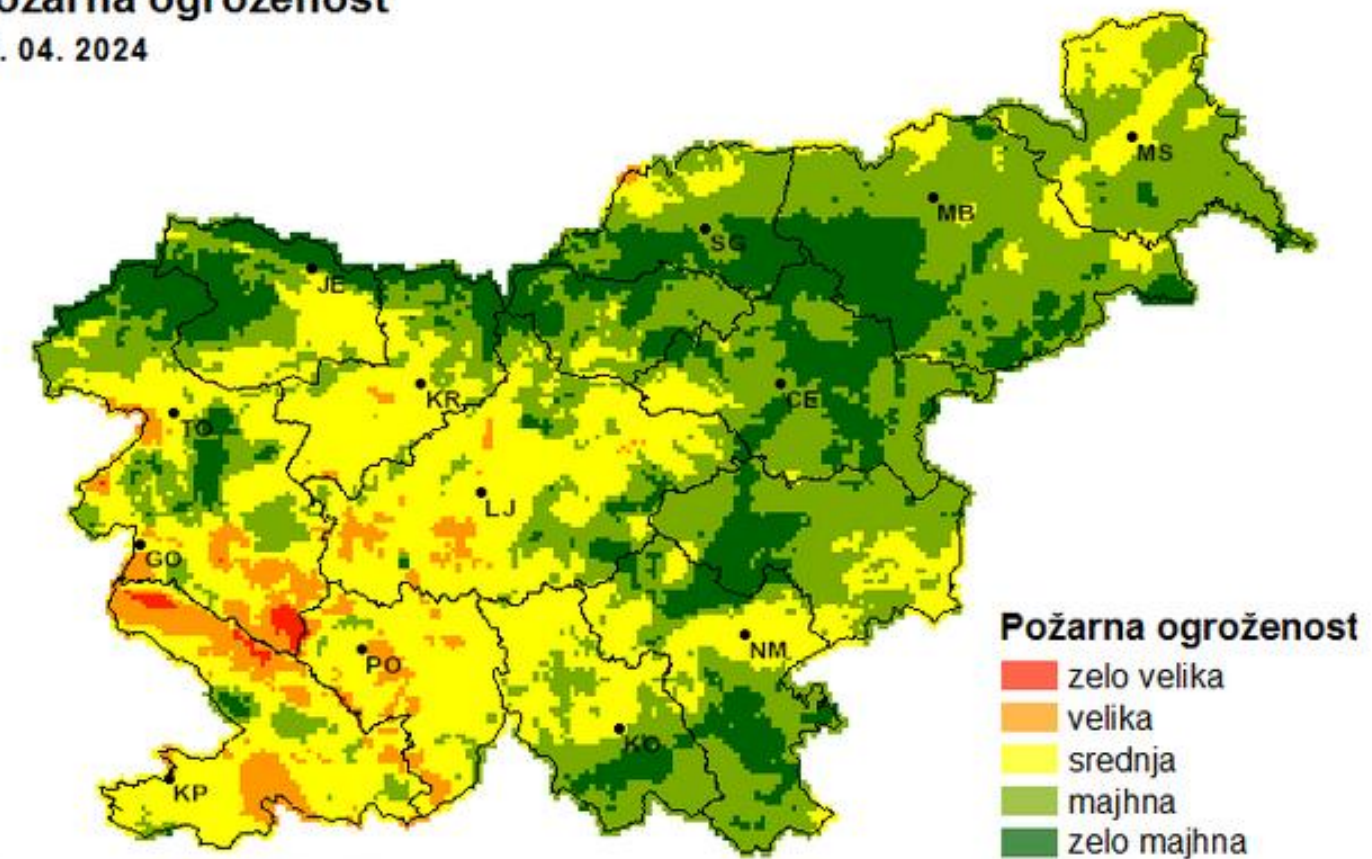


Phenological model for risk of forest fire

Karta požarne ogroženosti gozdov

Leto: 2024

Požarna ogroženost
22. 04. 2024



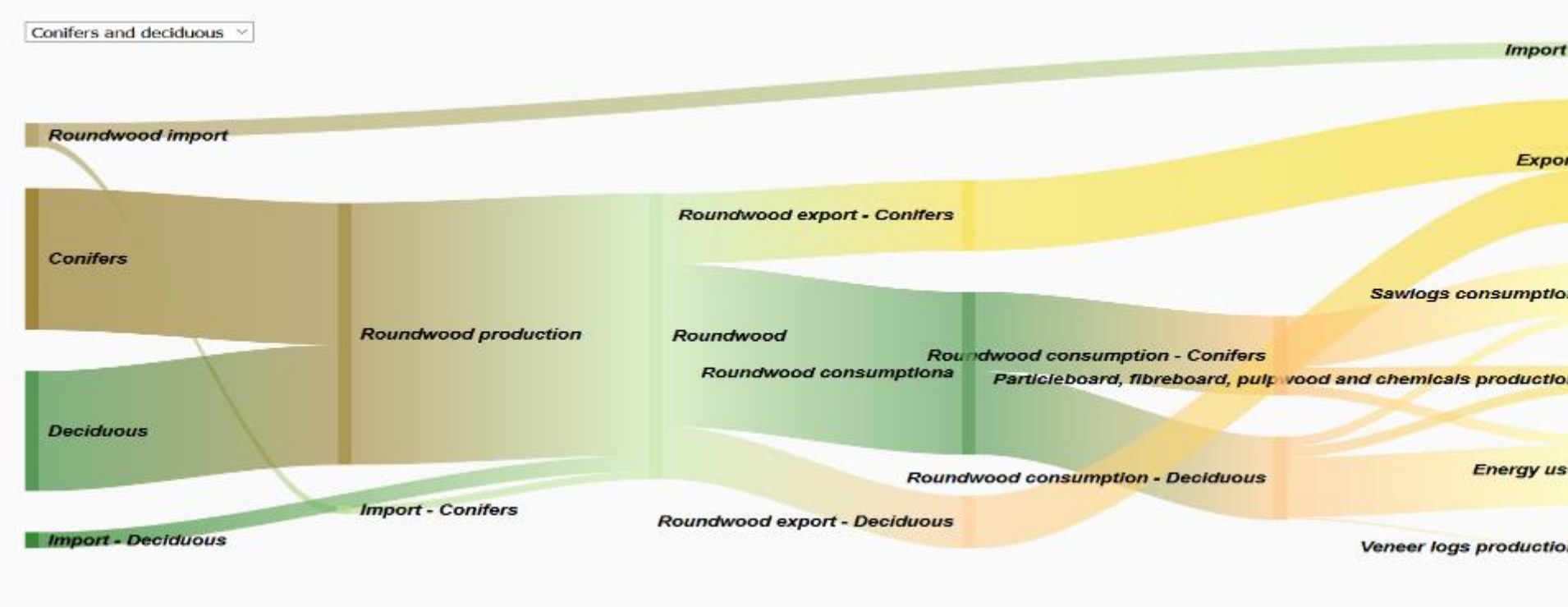
© GIS, podatki ARSO, GURS, ZGS



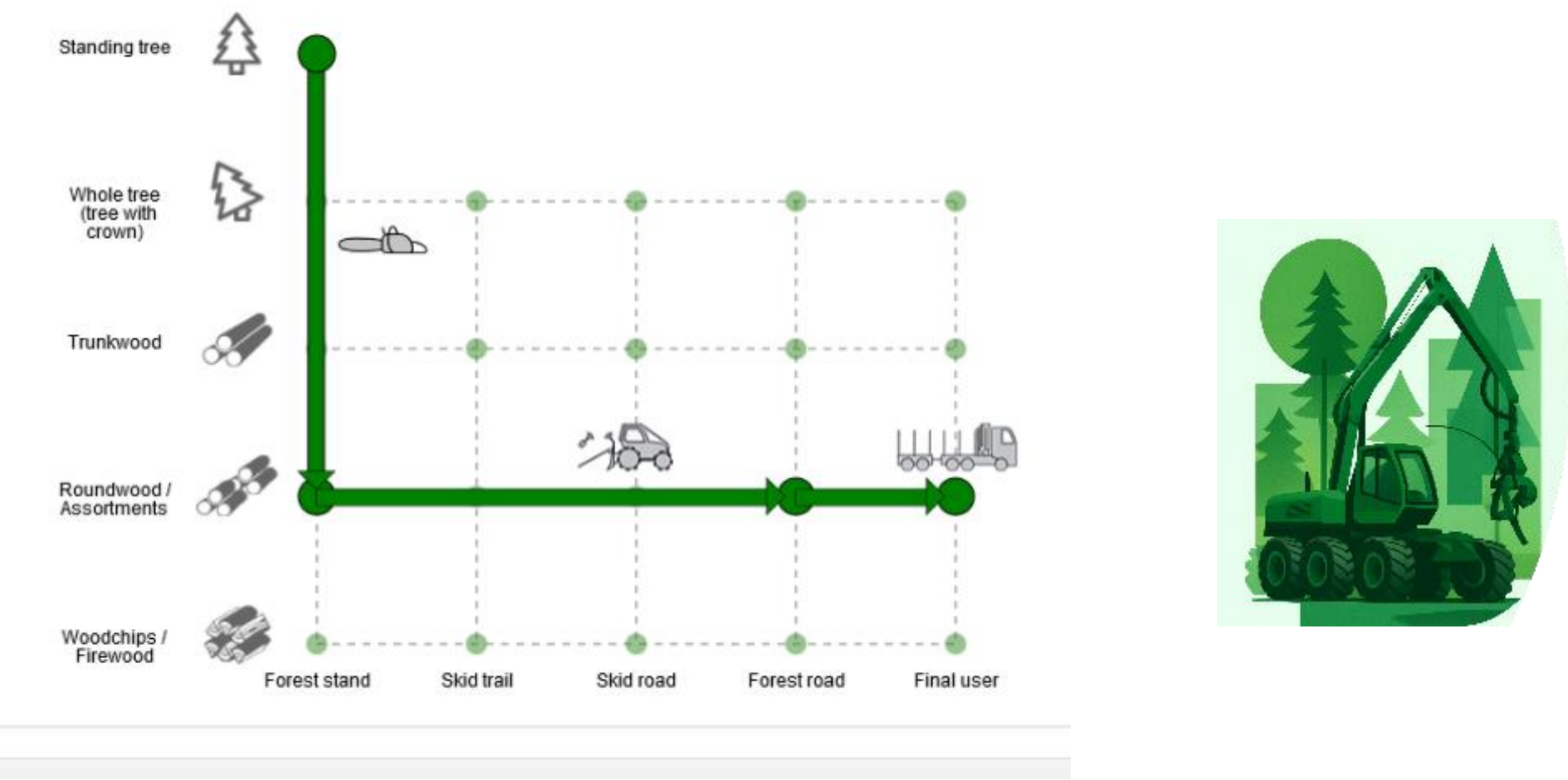
Bringing the information to users

<http://wcm.gozdis.si/>

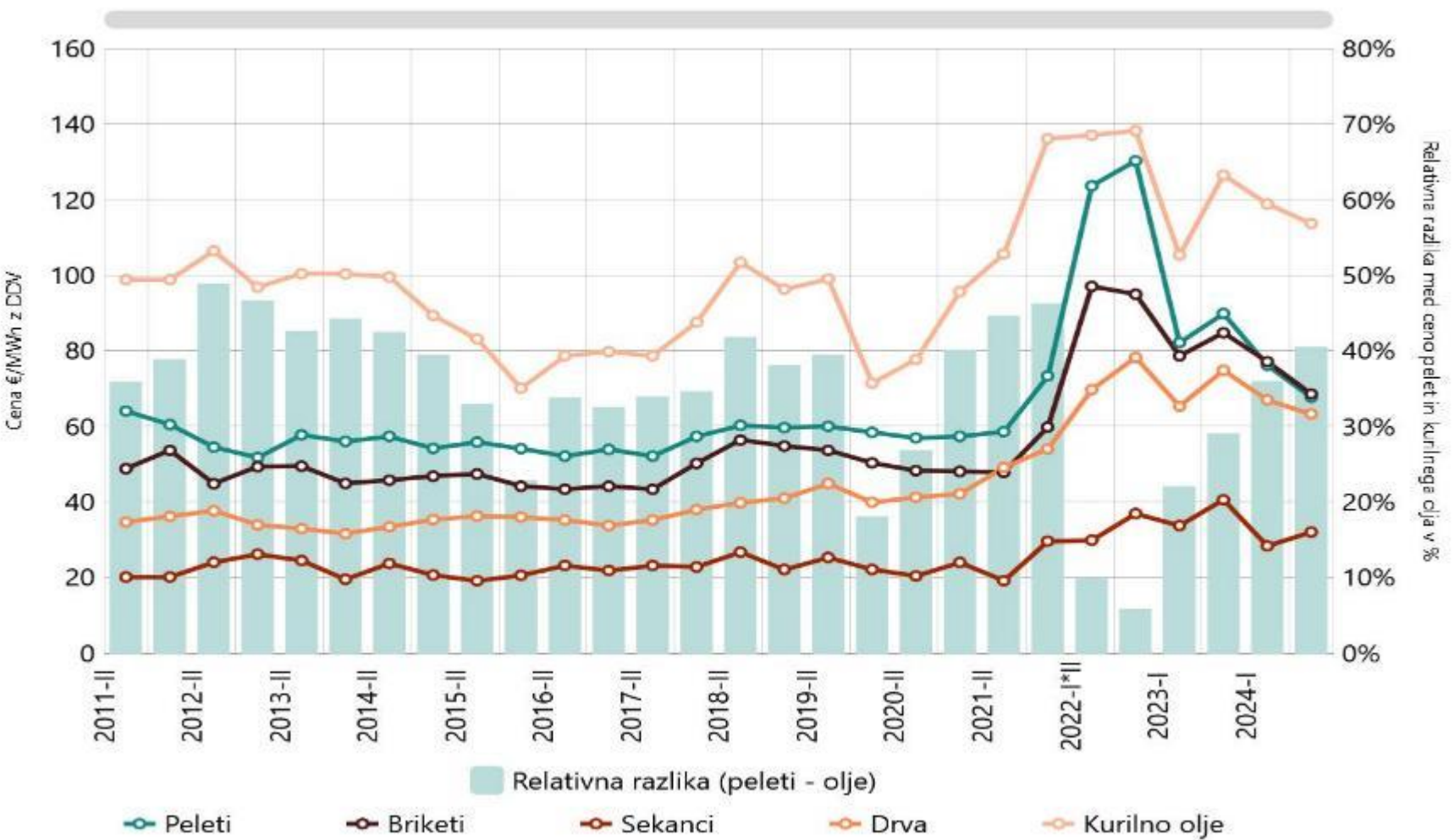
Wood flows and other information about wood market



Vizualizaion of production chains and cost calculation



Monitoring of wood fuel and round wood prices on the market



News and practical information for forest owners

Future challenges in the forestry sector in Slovenia



HOW TO BALANCE
ECONOMIC, SOCIAL
AND
ENVIRONMENTAL
FUNCTIONS OF
FORESTS



DIGITALIZATION
OF ALL
PROCESSES



CONSERVATION
OF NATURE VS.
WOOD
PRODUCTION



HOW TO INSURE
LONG TERM
STABILITY IN WOOD
SUPPLY

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“Investing in forests isn’t just investing in the future — It’s shaping it.”

THANK YOU FOR YOUR ATTENTION!



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