

Forest ecosystem services Web map as innovative tool for society

Zuzana Sarvašová, Maroš Sedliak

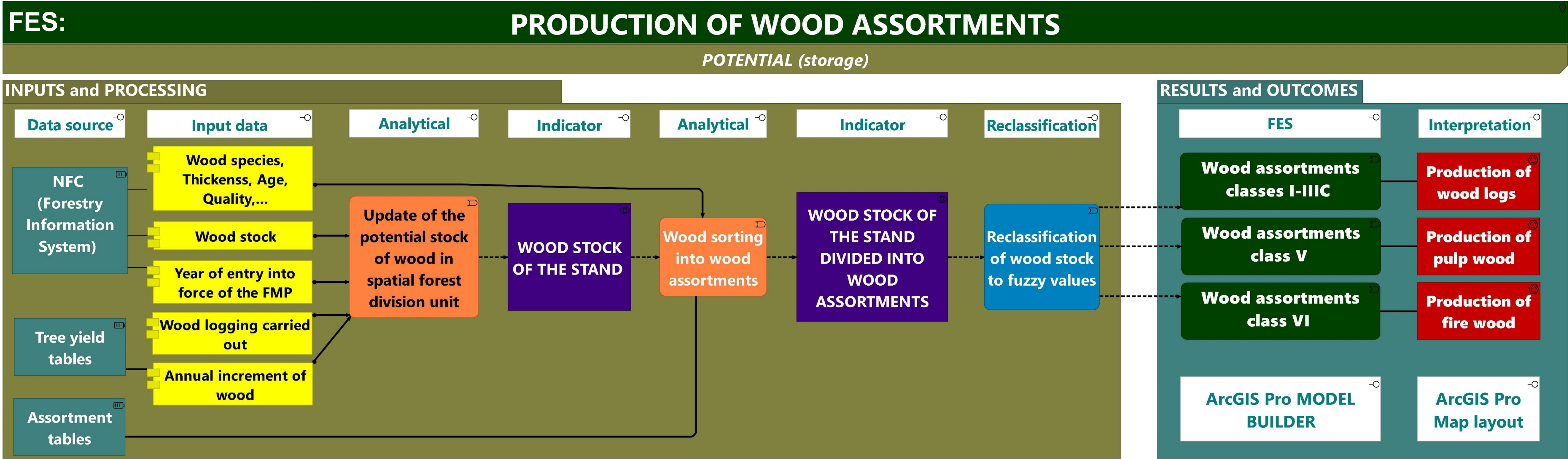
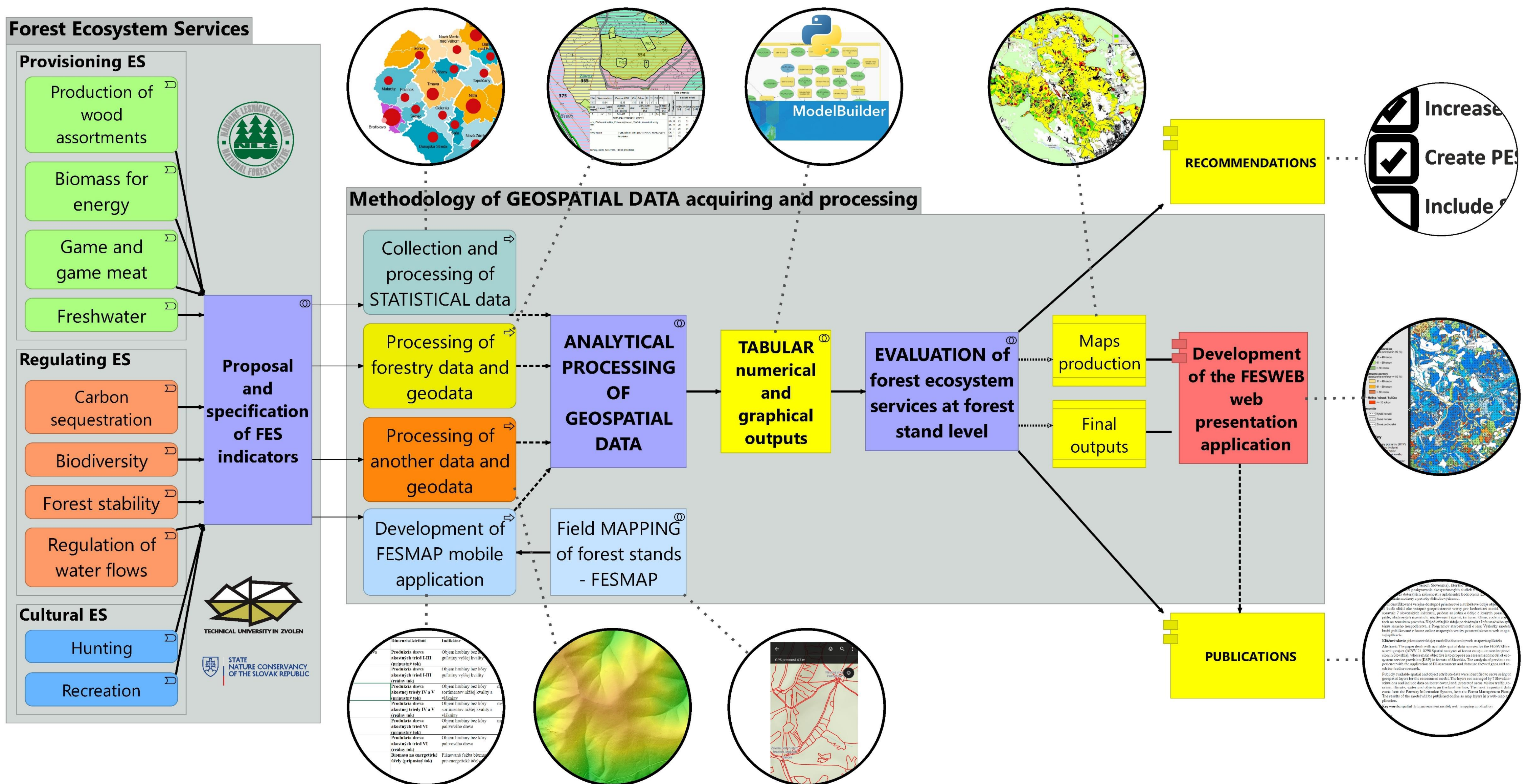
Map of Forest Ecosystem Services Provision in Slovak Forests

Objective:

- Interactive web-map application displaying the forest ecosystem services (FES) assessment.
- Focus on selected FES: wood production, carbon sequestration, water regulation, hunting and recreation.

Ongoing projects and team work:

- Cooperation of scientists and experts in FES for development of criteria and indicators.
- Using information and database about forests, spatial and attribute data on FES, know-how in GIS, creation of model for automatic evaluation of FES based on forest data on forest stand level.
- Public and experts involvement, collaboration with practitioners (Slovak Forestry Chamber), sharing of information with scientific community, forest owners, potential buyers in PES schemes, policy and decision makers and with general public.



Expected outputs:

- FES indicators, methodology, geospatial layers and maps.
- Network of FES advocates.
- Scientific articles, recommendations for decision makers, PR activities.

Use of results:

- Raising public awareness on the importance of FES.
- Designing possible support instruments to forest managers (information, PES).
- Building consensus among different stakeholders on priorities in the use of FES.

This work was supported by the Slovak Research and Development Agency under the Contract no. APVV-21-0290 and APVV-20-0408.

For more information ask:
zuzana.sarvasova@nlcsk.org
maros.sedliak@nlcsk.org

