# LasInfo | Integrated information system for national parks, nature conservation and forest management




*A full-scale system supporting the organisation of work and resource planning in national parks, municipal and communal forests and experimental forestry units, covering day-to-day management in a given unit and specific tasks arising from the needs of nature conservation.*

The LasInfo system is a comprehensive product consisting of several interlinked applications. It is targeted at national parks, municipal and communal forests and experimental forestry units. It provides support for forest land management and monitoring of timber harvest and sales, as well as for the implementation of tasks specified in the protection plan and nature monitoring.

The solution consists of four basic modules: the central database, the LasInfo Client application, the GIS application and the Forester's Electronic Logbook. This allows for coordinated management of elements such as nature conservation, forest management, spatial data and cadastral data. It is possible to tailor the solution to individual users by implementing only some or all elements of the system. The shared database in turn eliminates the problem of incompatibility between different systems and data formats.

Components of the LasInfo system:

- Software: centralized database, LasInfo application, LasInfo Timber Trade application, Digital Map, Nature Monitoring, Mobile GIS.
- Devices/infrastructure: server (local or "in the cloud"), network and VPN devices, mobile devices.

Functionalities of the Lasinfo system:

- property records: cadastral records, forest inventory data;
- planning (protection tasks) system: stock surveys, creation of planning items, handling of invitations to tender, register of execution (work orders, work acceptance);
- timber sales: documentation on incoming and outgoing timber, timber contracts, timber stock, forester's logbook;
- Forest protection and silviculture documents: dead wood inventory, fire registry, regeneration assessment report, natural regeneration assessment report;
- reporting of: planned works, timber sales, work orders/executions;
- numerical map: the Digital Forest Map standard, the GIS data standard in nature conservation, nature monitoring, map reporting, mobile GIS.

The system has been rolled out in 11 Polish national parks; moreover, among the LasInfo users are forestry experimental units (Murowana Goślina, Siemianice, Rogów, Krynica-Zdrój), municipal and communal forest managers and maritime offices managing forest areas.

## PODROBNOSTI

IZVOR LESA

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TIP LESA

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VRSTA OBRAVNAVANEGA LESA

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VPLIV NA OKOLJE IN BIODIVERZITETO

--

VPLIV NA PRIHODKE

--

POTENCIAL IZKORIŠČANJA

--

VOZLIŠČE

Srednje-vzhodno vozlišče

GOSPODARSKI VPLIV

--

POTREBNO SPECIFIČNO ZNANJE

--

POTENCIAL ZA MOBILIZACIJO

--

TRAJNOST - VREDNOST

--

ENOSTAVNOST IZVEDBE

--

ENOSTAVNOST IZVEDBE - OCENJEVANJE

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KLJUČNI PREDPOGOJI

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VRSTA DOGODKA, NA KATEREM JE BIL PREDSTAVLJEN TA BPI

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VPLIV NA DELOVNA MESTA

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STROŠKI IZVEDBE (EURO - €)

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## VEČ PODROBNOSTI

IZZIV

1. Izboljšava odpornosti gozdov in prilagoditev na klimatske spremembe

DOMENA

Gojenje gozdov, gospodarjenje z gozdovi, odpornost, ekosistemske storitve

TIP REŠITVE

Podatkovna platforma, vozlišča podatkov, odprti podatki

KLJUČNE BESEDE

nature conservation; GIS; mobile app; forest management

DIGITALNE REŠITVE

Da

INOVACIJA

Da

IZVORNA DRŽAVA

Polska

OBSEG UPORABE

Nacionalni

ZAČETNO IN KONČNO LETO

2009 -

## KONTAKTN PODATKI


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## REFERENCES AND RESOURCES

SPLETNA STRAN

https://www.taxusit.com.pl/lasinfo

SPLETNA STRAN PROJEKTA

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REFERENCA PROJEKTA

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VIRI

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LOGOTIP DOBRE PRAKSE

LOGOTIP GLAVNE ORGANIZACIJE

PROJEKT, V OKVIRU KATEREGA SO BILI ZBRANI OSNOVNI PODATKI

Rosewood 4.0

DATUM OBJAVE

3 Dec 2021

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