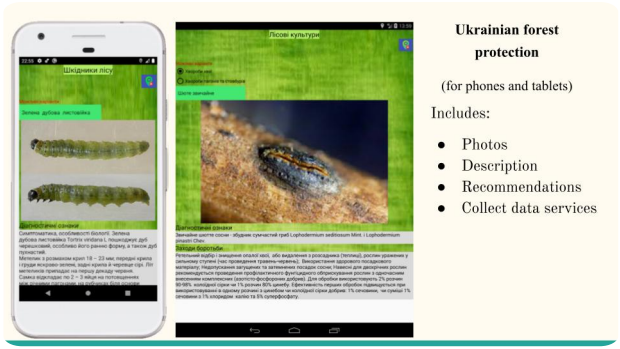
Ukrainian forest protection



UFP

Combining the capabilities of the Geoportal "Forests of Ukraine" and the mobile application UFP for collecting data in the forest on the outbreaks of pests or diseases and its diagnostics and monitoring. App aimed at professional foresters.

Mobile app Ukrainian Forest Protection for smartphones based on Android OS.

The app uses mobile devices for collection of data about pests and diseases. It has several levels of use:

- at first forestry specialists collect data about discovered cases
- this data is synchronized at all mobile devices of the enterprise and enters the database of "Forests of Ukraine" Geoportal
- furthermore, other forest specialists can review the information about the pest and disease cases, discovered in the forest enterprise
- if needed, the damaged area can be found in the field using the built-in GPS receiver, then verified or deleted.

For the diagnostics of the damaged area, the built-in digital handbook can be used, which includes information about all pests and diseases found in the forests of Ukraine, structured with the visual materials, data on diagnostic features and protection/management measures.

After introduction of any of changes in the app, all the information become accessible at the "Forests of Ukraine" Geoportal, which allows to:

- print out reports for the enterprise level and regional level,
- review of identified and verified cases on the map,
- see the dynamics by pest and disease types, by the time,
- define and identify the location, distribution features and development of pathological processes in the forests of Ukraine.

MAIS DETALHES

DESAFIO ABORDADO

1. Melhorar a resiliência e adaptação das florestas às alterações climáticas

DOMíNIO

Inventário, avaliação e monitorização

Gestão florestal, silvicultura, serviços do ecosistema, resiliencia

Perturbações florestais, riscos e resposta a catástrofes

TIPO DE SOLUçãO

Plataformas de dados, centros de dados, partilha de dados

PALAVRAS-CHAVE

pests and diseases

mobile app

data management

SOLUçãO DIGITAL

Sim

INOVAçãO

Sim

PAíS DE ORIGEM

Ucrânia

ESCALA DE APLICAçãO

Nacional

ANO DE INíCIO E FIM

2019 -

DADOS DE CONTACTO

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REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

https://forestry.org.ua

WEBSITE DO PROJETO

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RECURSOS

Video review of selected possibilities of the system

REFERêNCIA AO PROJETO

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PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

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DATA DE ENTRADA

21 Dez 2021

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