

Digitalized Groundwater Measuring Station System



Digitalized Groundwater Measuring Station System contains information about the movement of water which is very important for oak and other native species in forests.

In the last ten years, Croatia records an increased number of dried oaks. Due to the adverse effect of rainwater and groundwater, various pests, insects and caterpillars, the yield of forest seed is diminishing which is key in the renewal of oak forest areas.

Digitalized Groundwater Measuring Station System was developed within the project „Protecting the English Oak in the Hungary-Croatia cross-border region”. Project coordinator was forest company Mecsekerdő Zrt. from Hungary and project partner was Croatian Forest Ltd., Forest administration Našice (Croatia).

System contains information about the movement of water which is very important for oak and other native species in forests. Measuring Station System records groundwater oscillation and changes in pressure and registers new data every two hours. Forest managers can use this information for responding to the trend of decrease or increment of groundwater and timely respond to changes.

The main result of Oak protection project is the installament of cross border groundwater monitoring system, comprised of 50 stationary pipes, automatically

recording groundwater and meteorological data.

PODROBNOSTI

PÔVOD DREVA

Les

DRUH DREVA

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MOBILZAČNÝ POTENCIÁL

--

UVAŽOVANÝ DRUH DREVA

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UIĽAHČENIE IMPLEMENTÁCIE

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VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

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UIĽAHČENIE IMPLEMENTÁCIE - HODNOTENIE

Stredná

DOPAD NA PRÍJMY

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KľúčOVÉ PREPOKLADY

--

POTENCIÁL VYUŽITIA

--

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

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ROZBOČOVAČ

Juhovýchodné centrum

DOPAD NA ZAMESTNANOSŤ

--

EKONOMICKÝ VPLYV

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NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

--

POTREBA ŠPECIFICKÝCH ZNALOSTÍ

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RIEŠENá VÝZVA

1. Zlepšenie odolnosti lesov a adaptácie na zmenu klímy

KľúčOVé SLOVá

Water movement
measuring station system.

KRAJINA PÔVODU

Chorvátsko

DOMAIN

Lesné hospodárstvo/hospodárska úprava lesa,
pestovanie lesa, ekosystémové služby, odolnosť

DIGITALNE RIEŠENIE

áno

ROZSAH APLIKÁCIE

Local

TYP RIEŠENIA

Poradenské a servisné nástroje pre vlastníkov lesov

INOVÁCIE

Áno

ZAČIATOK A KONIEC ROKA

2017 - 2019

**KONTAKTNé
úDAJE**

VLASTNÍK ALEBO AUTOR

Croatian Forests Ltd, Forest Administration Našice

REPORTÉR

Competence Centre Ltd. for research and development

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**REFERENCES
AND RESOURCES**

HLAVNÁ WEBSTRÁNKA

https://ec.europa.eu/regional_policy/en/projects/hungary/protecting-the-english-oak-in-the-hungary-croatia-cross-border-region **Video gallery**

ZDROJE

PROJEKTOVÁ WEBSTRÁNKA

<http://www.oakprotection.eu/hr>

REFERENCIA PROJEKTU

Protecting the English Oak in the Hungary-Croatia cross-border region

PROJEKT, V RÁMCI KTÓREHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood 4.0

DÁTUM ODOSLANIA

13 sep 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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