

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.

DETALJER

VEDENS URSPRUNG	MOBILISERINGSPOENTIAL
Skog	--
TRÄTYP	HÅLLBARHETS POTENTIAL - VÄRDE
--	Mycket positiv
TYP AV TRÄ	ENKEL IMPLEMENTERING
--	--
PÅVERKAN PÅ MILJÖ & BIOLOGISK MÅNGFALD	ENKEL IMPLEMENTERING - UTVÄRDERING
--	Mellan
EKONOMISK EFFEKT	NYCKEL FÖRUTSÄTTNINGAR
--	--
KOMMERSIELL POTENTIAL	TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS
--	--
NAV	EFFEKT ANTAL ANSTÄLLDA
Sydöstra centrumet	--
EKONOMISK PÅVERKAN	KOSTNADER FÖR IMPLEMENTERING (EURO - €)
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SPECIFIKA KUNSKAPSBEHOV	
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MER INFORMATION

UTMANING SOM ADRESSERAS	DOMÄN	TYPE AV LÖSNING
1. Förbättra skogens motståndskraft och anpassning till klimatförändringar	Skogsförvaltning, skogskjötsel, ekosystemtjänster	Rådgivning och serviceverktyg för skogsägare
NYCKELORD	DIGITAL LÖSNING	INNOVATION
Water movement measuring station system.	Ja	Ja
UPPHOVSLAND	POTENTIAL	START OCH SLUTÅR
Kroatien	Lokal	2017 - 2019

KONTAKT INFORMASION

ÄGARE ELLER FÖRFATTARE	RAPPORTÖR
Croatian Forests Ltd, Forest Administration Našice	Competence Centre Ltd. for research and development Phd Ivan Ambroš ambros@cekom.hr

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)	RESURSER
https://ec.europa.eu/regional_policy/en/projects/hungary/protecting-the-english-oak-in-the-hungary-croatia-cross-border-region	Video gallery
PROJEKTETS HEMSIDA	
http://www.oakprotection.eu/hr	

PROJEKTREFERENS

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

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM
Rosewood 4.0

DATUM FÖR INLÄGG
13 sep 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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