

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.

DETAILS

HERKUNFT DES HOLZES

Wald

ART DES HOLZES

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MOBILISIERUNGSPOTENZIAL

--

ART DES BETROFFENEN HOLZES

--

LEICHTE IMPLEMENTIERUNG

--

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT

--

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

Mittel

EINKOMMENSEFFEKT

--

WICHTIGE VORAUSSETZUNGEN

--

VERWERTUNGSPOTENZIAL

--

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

--

NABE

Drehscheibe Süd-Ost

ARBEITSPLATZEFFEKT

--

WIRTSCHAFTLICHE AUSWIRKUNGEN

--

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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SPEZIFISCHES WISSEN ERFORDERLICH

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MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG	DOMÄNE	ART DER LÖSUNG
1. Verbesserung der Widerstandsfähigkeit der Wälder und ihrer Anpassung an den Klimawandel	Waldmanagement, Waldbau, Ökosystemleistungen, Resilienz	Beratungs- und Servicetools für Waldbesitzer
SCHLÜSSELWÖRTER	DIGITALE LÖSUNG	INNOVATION
Water movement measuring station system.	Ja	Ja
HERKUNFTSLAND	UMFANG DER ANWENDUNG	ANFANGS- UND ENDJAHR
Kroatien	Lokal	2017 - 2019

KONTAKTDATEN

EIGENTÜMER ODER AUTOR	REPORTER
Croatian Forests Ltd, Forest Administration Našice	Competence Centre Ltd. for research and development Phd Ivan Ambroš ambros@cekom.hr

REFERENCES AND RESOURCES

HAUPT-WEBSITE	RESSOURCEN
https://ec.europa.eu/regional_policy/en/projects/hungary/protecting-the-english-oak-in-the-hungary-croatia-cross-border-region	Video gallery
PROJEKT-WEBSITE	
http://www.oakprotection.eu/hr	
PROJEKT-REFERENZ	
Protecting the English Oak in the Hungary-Croatia cross-border region	

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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