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

--

ART DES BETROFFENEN HOLZES

--

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT

--

EINKOMMENSEFFEKT

--

VERWERTUNGSPOTENZIAL

--

NABE

Drehscheibe Süd-Ost

WIRTSCHAFTLICHE AUSWIRKUNGEN

--

SPEZIFISCHES WISSEN ERFORDERLICH

--

MOBILISIERUNGSPOTENZIAL

--

POTENZIAL FüR NACHHALTIGKEIT - WERT

Sehr positiv

LEICHTE IMPLEMENTIERUNG

--

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

Mittel

WICHTIGE VORAUSSETZUNGEN

--

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

--

ARBEITSPLATZEFFEKT

--

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

1. Verbesserung der Widerstandsfähigkeit der Wälder und ihrer Anpassung an den Klimawandel

DOMäNE

Waldmanagement, Waldbau, Ökosystemleistungen, Resilienz

ART DER LöSUNG

Beratungs- und Servicetools für Waldbesitzer

SCHLüSSELWöRTER

Water movement

meausuring station system.

DIGITALE LöSUNG

Ja

INNOVATION

Ja

HERKUNFTSLAND

Kroatien

UMFANG DER ANWENDUNG

Lokal

ANFANGS- UND ENDJAHR

2017 - 2019

KONTAKTDATEN

EIGENTüMER ODER AUTOR

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REPORTER

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REFERENCES AND RESOURCES

HAUPT-WEBSITE

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

PROJEKT-WEBSITE

http://www.oakprotection.eu/hr

PROJEKT-REFERENZ

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

RESSOURCEN

Video gallery

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

13 Sep 2021

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

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