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

Skog

TRäTYP

--

TYP AV TRä

--

PåVERKAN På MILJö & BIOLOGISK MåNGFALD

--

EKONOMISK EFFEKT

--

KOMMERSIELL POTENTIAL

--

NAV

Sydöstra centrumet

EKONOMISK PåVERKAN

--

SPECIFIKA KUNSKAPSBEHOV

--

MOBILISERINGSPOTENTIAL

--

HåLLBARHETS POTENTIAL - VäRDE

Mycket positiv

ENKEL IMPLEMENTERING

--

ENKEL IMPLEMENTERING - UTVäRDERING

Mellan

NYCKEL FöRUTSäTTNINGAR

--

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS

--

EFFEKT ANTAL ANSTäLLDA

--

KOSTNADER FöR IMPLEMENTERING (EURO - €)

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MER INFORMATION

UTMANING SOM ADRESSERAS

1. Förbättra skogens motståndskraft och anpassning till klimatförändringar

DOMäN

Skogsförvaltning, skogskjötsel, ekosystemtjänster

TYPE AV LöSNING

Rådgivning og serviceverktyg för skogsägare

NYCKELORD

Water movement

meausuring station system.

DIGITAL LöSNING

Ja

INNOVASION

Ja

UPPHOVSLAND

Kroatien

POTENTIAL

Lokal

START OCH SLUTåR

2017 - 2019

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

Croatian Forests Ltd, Forest Administration Našice

RAPPORTöR

Competence Centre Ltd. for research and development

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REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

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

PROJEKTETS HEMSIDA

http://www.oakprotection.eu/hr

PROJEKTREFERENS

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

RESURSER

Video gallery

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