

# 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 installment of cross border groundwater monitoring system, comprised of 50 stationary pipes, automatically

recording groundwater and meteorological data.

## DETALJER

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### OPPRINNELSE FOR TRE

Skog

### TYPE TRE

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### TYPE TRE INVOLVERT

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### PÅVIRKNING PÅ MILJØ OG BIOLOGISK MANGFOLD

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### INNTEKTSEFFEKT

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### UTNYTTELSESPOTENSIAL

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### HUB

Sørøst-knutepunkt

### ØKONOMISK PÅVIRKNING

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### SPESIFIKKE KUNNSKAPSBEHOV

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### MOBILISERINGSPOTENSIAL

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### BÆREKRAFTPOTENSIAL - VERDI

Veldig positivt

### ENKEL IMPLEMENTERING

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### ENKEL IMPLEMENTERING - EVALUERING

Medium

### VIKTIGE FORUTSETNINGER

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### TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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### EFFEKT PÅ ARBEIDSPLASSER

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### KOSTNADER MED IMPLEMENTERING (EURO - €)

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## MER INFORMASJON

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### UTFORDRING ADRESSERT

1. Forbedre skogens robusthet og tilpasningsevne til Skogforvaltning, skogskjøtsel, økosystemtjenester klimaendringer

### NØKKEWORD

Water movement  
measuring station system.

### OPPRINELSESLAND

Kroatia

### DOMENE

### DIGITAL LØSNING

Ja

### POTENSIALE

Lokal

### TYPE LØSNING

Rådgivnings- og serviceverktøy for skogeiere

### INNOVASJON

Ja

### START OG SLUTT ÅR

2017 - 2019

## KONTAKT INFORMASJON

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### EIER ELLER FORFATTER

Croatian Forests Ltd, Forest Administration Našice

### RAPPORTØR

Competence Centre Ltd. for research and development

Phd Ivan Ambroš

ambros@cekom.hr

## REFERENCES AND RESOURCES

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### HJEMMESIDE (HOVEDSIDE)

[https://ec.europa.eu/regional\\_policy/en/projects/hungary/protecting-the-english-oak-in-the-hungary-croatia-cross-border-region](https://ec.europa.eu/regional_policy/en/projects/hungary/protecting-the-english-oak-in-the-hungary-croatia-cross-border-region)

### PROSJEKTETS HJEMMESIDE

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

### REFERANSE TIL PROSJEKT

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

### RESSURSER

**Video gallery**

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

13 sep 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

