

# 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.

## DETALII

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### SURSA DE LEMN

Pădure

### TIPUL DE LEMN

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### TIPUL DE LEMN ÎN CAUZĂ

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### IMPACTUL ASUPRA MEDIULUI ȘI BIODIVERSITĂȚII

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### EFACT ASUPRA VENITURILOR

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### POTENȚIAL DE EXPLOATARE

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### HUB

Centrul de sud-est

### IMPACT ECONOMIC

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### CUNOȘTINȚE SPECIFICE NECESARE

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### POTENȚIALUL DE MOBILIZARE

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### POTENȚIAL DE SUSTENABILITATE - VALOARE

Foarte pozitiv

### FACILITATEA DE IMPLEMENTARE

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### FACILITATEA DE IMPLEMENTARE - EVALUARE

Mediu

### CONDIȚII CHEIE PRELABILE

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### TIPUL DE EVENIMENT LA CARE A FOST PREZENTAT ACEST IPB

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### EFACT ASUPRA LOCURILOR DE MUNCĂ

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### COSTURI PENTRU IMPLEMENTARE (EURO - €)

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## MAI MULTE DETALII

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### PROVOCARE ABORDATĂ

1. Îmbunătățirea rezilienței pădurilor și adaptarea la Managementul pădurilor, silvicultura, servicii schimbările climatice

### CUVINTE CHEIE

Water movement  
measuring station system.

### ȚARA DE ORIGINE

Croația

### DOMAIN

Managementul pădurilor, silvicultura, servicii  
ecosistemice, reziliență

### SOLUȚIE DIGITALĂ

Da

### SCARA DE APLICARE

Local

### TIP DE SOLUȚIE

Instrumente de consiliere și servicii pentru  
proprietarii de păduri

### INOVAȚIE

Da

### ANUL DE ÎNCEPUT ȘI DE SFÂRȘIT

2017 - 2019

## DATE DE CONTACT

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### PROPRIETAR SAU AUTOR

Croatian Forests Ltd, Forest Administration Našice

### REPORTER

Competence Centre Ltd. for research and development

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## REFERENCES AND RESOURCES

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### PAGINĂ WEB

[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)

### WEBSITE PROJECT

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

### REFERINȚĂ PROIECT

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

### RESURSE

**Video gallery**

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PROIECTUL ÎN CADRUL CĂRUIA A FOST CREATĂ ACEASTĂ FIȘĂ INFORMATIVĂ

Rosewood 4.0

DATA POSTĂRII

13 Sep 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

