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.

PODROBNOSTI

PôVOD DREVA

Les

DRUH DREVA

--

UVAžOVANý DRUH DREVA

--

VPLYV NA ŽIVOTNé PROSTREDIE A BIODIVERZITU

--

DOPAD NA PRíJMY

--

POTENCIáL VYUžITIA

--

ROZBOčOVAč

Juhovýchodné centrum

EKONOMICKý VPLYV

--

POTREBA šPECIFICKýCH ZNALOSTí

--

MOBILZAčNý POTENCIáL

--

POTENCIáL UDRžATEľNOSTI - HODNOTA

Veľmi pozitívne

UľAHčENIE IMPLMENTáCIE

--

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

Stredná

KľúčOVé PREPOKLADY

--

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

--

DOPAD NA ZAMESTNANOSť

--

NáKLADY NA IMPLEMENTáCIU (EURO - €)

--

VIAC INFORMáCIí

RIEšENá VýZVA

1. Zlepšenie odolnosti lesov a adaptácie na zmenu klímy

DOMAIN

Lesné hospodárstvo/hospodárska úprava lesa, pestovanie lesa, ekosystémové služby, odolonosť

TYP RIEšENIA

Poradenské a servisné nástroje pre vlastníkov lesov

KľúčOVé SLOVá

Water movement

meausuring station system.

DIGITALNE RIEšENIE

áno

INOVáCIE

Áno

KRAJINA PôVODU

Chorvátsko

ROZSAH APLIKáCIE

Local

ZAčIATOK A KONIEC ROKA

2017 - 2019

KONTAKTNé úDAJE

VLASTNíK ALEBO AUTOR

Croatian Forests Ltd, Forest Administration Našice

REPORTéR

Competence Centre Ltd. for research and development

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REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

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

PROJEKTOVá WEBSTRáNKA

http://www.oakprotection.eu/hr

REFERENCIA PROJEKTU

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

ZDROJE

Video gallery

PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood 4.0

DáTUM ODOSLANIA

13 sep 2021

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