

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.

DETALHES

ORIGEM DA MADEIRA	POTENCIAL DE MOBILIZAÇÃO
Floresta	--
TIPO DE MADEIRA	SUSTENTABILIDADE POTENCIAL - VALOR
--	Muito positivo
TIPO DE MADEIRA EM CAUSA	FACILIDADE DE IMPLEMENTAÇÃO
--	--
IMPACTE NO AMBIENTE E BIODIVERSIDADE	FACILIDADE DE IMPLEMENTAÇÃO
--	Médio
IMPACTE NAS RECEITAS	PRE-REQUISITOS CHAVE
--	--
POTENCIAL DE EXPLORAÇÃO	TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO
--	--
HUB	IMPACTE NO EMPREGO
Hub do Sudeste	--
IMPACTE ECONOMICO	CUSTOS DE IMPLEMENTAÇÃO (EURO - EUR)
--	--
CONHECIMENTOS ESPECÍFICOS NECESSÁRIOS	
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MAIS DETALHES

DESAFIO ABORDADO

1. Melhorar a resiliência e adaptação das florestas às alterações climáticas

PALAVRAS-CHAVE

Water movement
measuring station system.

PAÍS DE ORIGEM

Croácia

DOMÍNIO

Gestão florestal, silvicultura, serviços do ecossistema, resiliencia

SOLUÇÃO DIGITAL

Sim

ESCALA DE APLICAÇÃO

Local

TIPO DE SOLUÇÃO

Ferramentas de consultoria e prestação de serviços a proprietários florestais

INOVAÇÃO

Sim

ANO DE INÍCIO E FIM

2017 - 2019

DADOS DE CONTACTO

PROPRIETÁRIO OU AUTOR

Croatian Forests Ltd, Forest Administration Našice

REPÓRTER

Competence Centre Ltd. for research and development

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REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

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

RECURSOS

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

REFERÊNCIA AO PROJETO

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

PROJETO NO ÂMBITO DO QUAL A FOLHA DE DIVULGAÇÃO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

13 Set 2021



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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