Drones in forest operator education

The learning effect increases for both observers and operators when seeing their work from a new angle, providing an opportunity for safe observation of pupils at work

Established 75 years ago, Solør VGS Sønsterud has since been a national leader in training for forestry operations. The campus is currently part of Solør VGS with around 500 students aged 16-18 years and 135 employees. Teaching takes place both indoors and outdoors and allows pupils a practical approach to forestry. The curriculum follows the yearly season with planning, forest culture and logging.

Drones are used as a supplement to teaching, where they film objects and stock as a basis for work in teaching. This is to visualize select challenges or to show before/after an activity. When training operation of forestry machines, drones allow students and teachers to see the work from a birds-eye perspective. Used correctly, this may lead to increased learning both for those who observe, but especially for those who are observed and who get to see themselves at work. The time every pupil can spend operating forestry machines is limited, it is therefore important to make good use of the time available. By filming every student operating a forestry machine, the learning outcome will be increased for the students by allowing them to see themselves and get positive and constructive feedback. Drones allow prioritization of areas for improvement.

DETALHES

ORIGEM DA MADEIRA

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TIPO DE MADEIRA

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TIPO DE MADEIRA EM CAUSA

--

IMPACTE NO AMBIENTE E BIODIVERSIDADE

--

IMPACTE NAS RECEITAS

--

POTENCIAL DE EXPLORAçãO

--

HUB

Pólo Norte

IMPACTE ECONOMICO

--

CONHECIMENTOS ESPECIFICOS NECESSáRIOS

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POTENCIAL DE MOBILIZAçãO

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SUSTENTABILIDADE POTENCIAL - VALOR

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FACILIDADE DE IMPLEMENTAçãO

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FACILIDADE DE IMPLEMENTAçãO

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PRE-REQUISITOS CHAVE

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TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

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IMPACTE NO EMPREGO

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CUSTOS DE IMPLEMENTAçãO (EURO - EUR)

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MAIS DETALHES

DESAFIO ABORDADO

4. Assegurar uma mão-de-obra bem treinada através do desenvolvimento atractivo de competências e educação

DOMíNIO

Cortes, infraestruturas e logistica

Educação e formação

TIPO DE SOLUçãO

Ensino à distância, formação mista

PALAVRAS-CHAVE

drones

learning

Education

SOLUçãO DIGITAL

Sim

INOVAçãO

Sim

PAíS DE ORIGEM

Noruega

ESCALA DE APLICAçãO

Regional/ sub-nacional

ANO DE INíCIO E FIM

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DADOS DE CONTACTO

PROPRIETáRIO OU AUTOR

Solør High School

Head of Dpt. Helge Strætkvern

helge.straetkvern@hedmark.org

https://www.soloer.vgs.no

REPóRTER

Tretorget A/S

Ola Rostad

ola@tretorget.no

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

https://www.soloer.vgs.no

WEBSITE DO PROJETO

https://www.soloer.vgs.no/hovedmeny/utdanningstilbud/naturbruk/

REFERêNCIA AO PROJETO

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RECURSOS

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PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

Rosewood 4.0

DATA DE ENTRADA

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