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.

PODROBNOSTI

PôVOD DREVA

--

DRUH DREVA

--

UVAžOVANý DRUH DREVA

--

VPLYV NA ŽIVOTNé PROSTREDIE A BIODIVERZITU

--

DOPAD NA PRíJMY

--

POTENCIáL VYUžITIA

--

ROZBOčOVAč

Severný uzol

EKONOMICKý VPLYV

--

POTREBA šPECIFICKýCH ZNALOSTí

--

MOBILZAčNý POTENCIáL

--

POTENCIáL UDRžATEľNOSTI - HODNOTA

--

UľAHčENIE IMPLMENTáCIE

--

UľAHčENIE IMPLMENTáCIE - HODNOTENIE

--

KľúčOVé PREPOKLADY

--

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANý

--

DOPAD NA ZAMESTNANOSť

--

NáKLADY NA IMPLEMENTáCIU (EURO - €)

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VIAC INFORMáCIí

RIEšENá VýZVA

4. Zabezpečiť dobre vyškolenú pracovnú silu prostredníctvom atraktívneho rozvoja zručností a vzdelávania

DOMAIN

Ťažba, infraštruktúra, logistika

Vzdelávanie a odborná príprava

TYP RIEšENIA

eLearning, kombinované vzdelávanie

KľúčOVé SLOVá

drones

learning

Education

DIGITALNE RIEšENIE

áno

INOVáCIE

Áno

KRAJINA PôVODU

Nórsko

ROZSAH APLIKáCIE

Regionálny/

ZAčIATOK A KONIEC ROKA

--

KONTAKTNé úDAJE

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REFERENCES AND RESOURCES

HLAVNá WEBSTRáNKA

https://www.soloer.vgs.no

PROJEKTOVá WEBSTRáNKA

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

REFERENCIA PROJEKTU

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ZDROJE

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PROJEKT, V RáMCI KTORéHO BOL TENTO INFORMAčNý PREHľAD VYTVORENý

Rosewood 4.0

DáTUM ODOSLANIA

12 aug 2021

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY