Drones in forest operator education at Solør High School



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.

DéTAILS

ORIGINE DU BOIS

--

TYPE DE BOIS

--

TYPE DE BOIS CONCERNé

--

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé

--

EFFET SUR LE REVENU

--

POTENTIEL D'EXPLOITATION

--

HUB

Pôle Nord

IMPACT éCONOMIQUE

--

CONNAISSANCES SPéCIFIQUES REQUISES

--

POTENTIEL DE MOBILISATION

--

POTENTIEL DE DURABILITé - VALEUR

--

FACILITé D'IMPLéMENTATION

--

FACILITé D'IMPLéMENTATION - ÉVALUATION

--

PRéREQUIS CLéS

--

TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE

--

EFFET SUR L'EMPLOI

--

COûTS D'IMPLéMENTATION (EURO - €)

--

PLUS DE DéTAILS

DéFI CONCERNé

4. Assurer une main-d'oeuvre bien formée à travers le développement attractif de compétences et la formation

DOMAINE

Récolte, infrastructure, logistique

Education et formation

TYPE DE SOLUTION

Formation, actions d'éducation

MOTS-CLéS

Education

drones

SOLUTION DIGITALE

Oui

INNOVATION

Oui

PAYS D'ORIGINE

Norvège

ECHELLE D'APPLICATION

Régionale/subnationale

DéBUT ET FIN D'ANNéE

--

INFORMATIONS DE CONTACT

PROPRIéTAIRE OU AUTEUR

Solør High School

Head of Dpt. Helge Strætkvern

helge.straetkvern@hedmark.org

www.soloer.vgs.no

RAPPORTEUR

Tretorget A/S

Ola Rostad

ola@tretorget.no

REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

https://www.soloer.vgs.no

SITE WEB DU PROJET

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

RéFéRENCE DU PROJET

--

RESSOURCES

PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood 4.0

DATE DE PUBLICATION

12 aoû 2021

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY