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.

DETALJER

VEDENS URSPRUNG

--

TRäTYP

--

TYP AV TRä

--

PåVERKAN På MILJö & BIOLOGISK MåNGFALD

--

EKONOMISK EFFEKT

--

KOMMERSIELL POTENTIAL

--

NAV

Norra navet

EKONOMISK PåVERKAN

--

SPECIFIKA KUNSKAPSBEHOV

--

MOBILISERINGSPOTENTIAL

--

HåLLBARHETS POTENTIAL - VäRDE

--

ENKEL IMPLEMENTERING

--

ENKEL IMPLEMENTERING - UTVäRDERING

--

NYCKEL FöRUTSäTTNINGAR

--

TYP AV EVENEMANG DäR DENNA BPI HAR PRESENTERATS

--

EFFEKT ANTAL ANSTäLLDA

--

KOSTNADER FöR IMPLEMENTERING (EURO - €)

--

MER INFORMATION

UTMANING SOM ADRESSERAS

4. Säkerställa en välutbildad arbetskraft genom attraktiv kompetensutveckling och utbildning

DOMäN

Avverkning, infrastruktur, logistik

Undervisning och träning

TYPE AV LöSNING

Tränings-, utbildningsaktivitet

NYCKELORD

Education

drones

DIGITAL LöSNING

Ja

INNOVASION

Ja

UPPHOVSLAND

Norge

POTENTIAL

Regional/landsdel

START OCH SLUTåR

--

KONTAKT INFORMASION

ÄGARE ELLER FöRFATTARE

Solør High School

Head of Dpt. Helge Strætkvern

helge.straetkvern@hedmark.org

www.soloer.vgs.no

RAPPORTöR

Tretorget A/S

Ola Rostad

ola@tretorget.no

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)

https://www.soloer.vgs.no

PROJEKTETS HEMSIDA

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

PROJEKTREFERENS

--

RESURSER

PROJEKT SOM DETTA FACTSHEET SKAPATS INOM

Rosewood 4.0

DATUM FöR INLäGG

12 aug 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