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.

DETALJER

OPPRINNELSE FOR TRE

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TYPE TRE

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TYPE TRE INVOLVERT

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PåVIRKNING På MILJø OG BIOLOGISK MANGFOLD

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INNTEKTSEFFEKT

--

UTNYTTELSESPOTENSIAL

--

HUB

Northern Hub

ØKONOMISK PåVIRKNING

--

SPESIFIKKE KUNNSKAPSBEHOV

--

MOBILISERINGSPOTENSIAL

--

BæREKRAFTPOTENSIAL - VERDI

--

ENKEL IMPLEMENTERING

--

ENKEL IMPLEMENTERING - EVALUERING

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VIKTIGE FORUTSETNINGER

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TYPE BEGIVENHET DER DENNE BPI HAR BLITT OMTALT

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EFFEKT På ARBEIDSPLASSER

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KOSTNADER MED IMPLEMENTERING (EURO - €)

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MER INFORMASJON

UTFORDRING ADRESSERT

4. Sikre en kompetent arbeidsstyrke gjennom attraktiv ferdighetsutvikling og utdanning

DOMENE

Avvirkning, infrastruktur, logistikk

Undervisning og kurs

TYPE LØSNING

eLæring, blandet opplæring

NØKKELORD

drones

learning

Education

DIGITAL LØSNING

Ja

INNOVASJON

Ja

OPPRINELSESLAND

Norge

POTENSIALE

Regional/deler av landet

START OG SLUTT åR

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KONTAKT INFORMASJON

EIER ELLER FORFATTER

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RAPPORTØR

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REFERENCES AND RESOURCES

HJEMMESIDE (HOVEDSIDE)

https://www.soloer.vgs.no

PROSJEKTETS HJEMMESIDE

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

REFERANSE TIL PROSJEKT

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RESSURSER

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PROSJEKT SOM DETTE FAKTAARKET ER OPPRETTET UNDER

Rosewood 4.0

INNLEGGSDATO

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