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.

DETALJI

PODRIJETLO DRVA

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VRSTA DRVA

--

ODGOVARAJUĆA VRSTA DRVA

--

UTJECAJ NA OKOLIŠ I BIORAZNOLIKOST

--

UČINAK NA PRIHOD

--

POTENCIJAL ISKORISTIVOSTI

--

SREDIŠTE

Sjeverno središte

GOSPODARSKI UČINAK

--

POTREBNA POSEBNA ZNANJA

--

POTENCIJAL ZA POVEĆANJE UPORABE DRVA

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POTENCIJAL ODRŽIVOSTI - VRIJEDNOST

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JEDNOSTAVNOST PROVEDBE

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JEDNOSTAVNOST PROVEDBE - EVALUACIJA

--

KLJUČNI PREDUVJETI

--

VRSTA DOGAĐAJA NA KOJEM JE PRIKAZAN OVAJ BPI

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UČINAK NA ZAPOŠLJIVOST

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TROŠKOVI PROVEDBE (EURO - €)

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VIŠE DETALJA

IZAZOV

4. Osiguranje dobro obučene radne snage kroz razvoj i obrazovanje u atraktivnim vještinama

DOMENA

Sječa, infrastrutura, logistika

Edukacije i obučavanje

VRSTA RJEŠENJA

E-učenje, hibridno učenje

KLJUČNE RIJEČI

drones

learning

Education

DIGITALNO RJEŠENJE

Da

INOVACIJA

Da

ZEMLJA PODRIJETLA

Norveška

PODRUČJE PRIMJENE

Regionalno / podnacionalno

POČETAK I KRAJ GODINE

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REFERENCES AND RESOURCES

GLAVNA WEB STRANICA

https://www.soloer.vgs.no

WEB STRANICA PROJEKTA

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

REFERENCA PROJEKTA

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IZVORI

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PROJEKT U OKVIRU KOJEG JE INFORMATIVNI LIST KREIRAN

Rosewood 4.0

DATUM UNOSA

12 kol 2021

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

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