

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

VEDENS URSPRUNG

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TRÄTYP

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TYP AV TRÄ

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PÅVERKAN PÅ MILJÖ & BIOLOGISK MÅNGFALD

--

EKONOMISK EFFEKT

--

KOMMERSIELL POTENTIAL

--

NAV

Norra navet

EKONOMISK PÅVERKAN

--

SPECIFIKA KUNSKAPSBEHOV

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MOBILISERINGSPOENTIAL

--

HÅLLBARHETS POTENTIAL - VÄRDE

--

ENKEL IMPLEMENTERING

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ENKEL IMPLEMENTERING - UTVÄRDERING

--

NYCKEL FÖRUTSÄTTNINGAR

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TYP AV EVENEMANG DÄR DENNA BPI HAR PRESENTERATS

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EFFEKT ANTAL ANSTÄLLDA

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KOSTNADER FÖR IMPLEMENTERING (EURO - €)

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MER INFORMATION

UTMANING SOM ADRESSERAS	DOMÄN	TYPE AV LÖSNING
4. Säkerställa en välutbildad arbetskraft genom attraktiv kompetensutveckling och utbildning	Avverkning, infrastruktur, logistik Undervisning och träning	e-learning, blandad utbildning
NYCKELORD	DIGITAL LÖSNING	INNOVATION
drones	Ja	Ja
learning		
Education		
UPPHOVSLAND	POTENTIAL	START OCH SLUTÅR
Norge	Regional/landsdel	--

KONTAKT INFORMATION

ÄGARE ELLER FÖRFATTARE	RAPPORTÖR
Solør High School	Tretorget A/S
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https://www.soloer.vgs.no	

REFERENCES AND RESOURCES

HEMSIDA (HUVUDSIDA)	RESURSER
https://www.soloer.vgs.no	--
PROJEKTETS HEMSIDA	
https://www.soloer.vgs.no/hovedmeny/utdanningstilbud/naturbruk/	
PROJEKTREFERENS	
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PROJEKT SOM DETTA FACTSHEET SKAPATS INOM
Rosewood 4.0

DATUM FÖR INLÄGG
12 aug 2021



[Link to Rosewood 4.0](#)



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

