

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.

DÉTAILS

ORIGINE DU BOIS

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TYPE DE BOIS

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TYPE DE BOIS CONCERNÉ

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IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITÉ

--

EFFET SUR LE REVENU

--

POTENTIEL D'EXPLOITATION

--

HUB

Pôle Nord

IMPACT ÉCONOMIQUE

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CONNAISSANCES SPÉCIFIQUES REQUISES

--

POTENTIEL DE MOBILISATION

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POTENTIEL DE DURABILITÉ - VALEUR

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FACILITÉ D'IMPLEMENTATION

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FACILITÉ D'IMPLEMENTATION - ÉVALUATION

--

PRÉREQUIS CLÉS

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TYPE D'ÉVÉNEMENT OÙ CETTE ICPE A ÉTÉ PRÉSENTÉE

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EFFET SUR L'EMPLOI

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COÛTS D'IMPLEMENTATION (EURO - €)

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PLUS DE DÉTAILS

DÉFI CONCERNÉ	DOMAINE	TYPE DE SOLUTION
4. Assurer une main-d'oeuvre bien formée à travers le développement attractif de compétences et la formation	Récolte, infrastructure, logistique Education et formation	eLearning, enseignement hybride
MOTS-CLÉS	SOLUTION DIGITALE	INNOVATION
drones learning Education	Oui	Oui
PAYS D'ORIGINE	ECHELLE D'APPLICATION	DÉBUT ET FIN D'ANNÉE
Norvège	Régionale/subnationale	--

INFORMATIONS DE CONTACT

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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

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RESSOURCES
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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A été CRÉÉE

Rosewood 4.0

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

