

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.

PODROBNOSTI

PÔVOD DREVA

--

DRUH DREVA

--

UVAŽOVANÝ DRUH DREVA

--

VPLYV NA ŽIVOTNÉ PROSTREDIE A BIODIVERZITU

--

DOPAD NA PRÍJMY

--

POTENCIÁL VYUŽITIA

--

ROZBOČOVAČ

Severný uzol

EKONOMICKÝ VPLYV

--

POTREBA ŠPECIFICKÝCH ZNALOSTÍ

--

MOBILZAČNÝ POTENCIÁL

--

POTENCIÁL UDRŽATEĽNOSTI - HODNOTA

--

UIŤAHČENIE IMPLEMENTÁCIE

--

UIŤAHČENIE IMPLEMENTÁCIE - HODNOTENIE

--

KľúčOVé PREPOKLADY

--

TYP PODUJATIA, NA KTOROM BOL TENTO BPI PREZENTOVANÝ

--

DOPAD NA ZAMESTNANOSŤ

--

NÁKLADY NA IMPLEMENTÁCIU (EURO - €)

--

RIEŠENá VÝZVA	DOMAIN	TYP RIEŠENIA
4. Zabezpečiť dobre vyškolenú pracovnú silu prostredníctvom atraktívneho rozvoja zručností a vzdelávania	Ťažba, infraštruktúra, logistika Vzdelávanie a odborná príprava	Školenia, vzdelávacie akcie
KľúčOVé SLOVá	DIGITALNE RIEŠENIE	INOVáCIE
Education	áno	Áno
drones		
KRAJINA PôVODU	ROZSAH APLIKáCIE	ZAČIATOK A KONIEC ROKA
Nórsko	Regionálny/	--

KONTAKTNé
úDAJE

VLASTNÍK ALEBO AUTOR	REPORTéR
Solør High School	Tretorget A/S
Head of Dpt. Helge Straetkvern	Ola Rostad
helge.straetkvern@hedmark.org	ola@tretorget.no
www.soloer.vgs.no	

REFERENCES
AND RESOURCES

HLAVNá WEBSTRáNKA	ZDROJE
https://www.soloer.vgs.no	
PROJEKTOVá WEBSTRáNKA	
https://www.soloer.vgs.no/hovedmeny/utdanningstilbud/naturbruk/	
REFERENCIA PROJEKTU	
--	

PROJEKT, V RÁMCI KTÓREHO BOL TENTO INFORMAČNÝ PREHĽAD VYTVORENÝ

Rosewood 4.0

DÁTUM ODOSLANIA

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



□