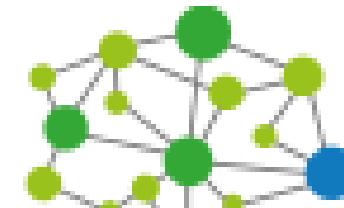


WBV Logistics: Optimization of the timber harvest chains and mobilization in private forests – regions Holzkirchen, Rosenheim and Traunstein



ROSEWOOD
4.0 Sustainable Wood
for Europe

Goal of the project was to improve the flow of information and of material in the timber supply process of the forestry associations (WBVs) Traunstein, Rosenheim and Holzkirchen. The following objectives were defined: Creation of an integrative model to increase the competitiveness of all stakeholders in the value-added chain (forest owner, WBVs, contractors, haulers, consumers of wood) Evaluation of different timber harvest chains in the frame of an actual state analysis based on important logistic indicators (i.a. lead times, accounting periods) Recording of organizational structures and of the technical equipment of the WBVs for the identification of the business process flow The study showed that especially in small private forests a clear process coordination is needed to fulfill customer demands while at the same time reducing idle time à consequent use of modern information and communication technology is very essential. In the implementation phase, changes were measured in two models: regional thinning events and the integration model. In the regional thinning events the following changes were recognized: The goal of a timber stack size of 50 m³ obs could not be reached, in fact, it even decreased to a size below the size of the actual state analysis The share of highly mechanized harvesting methods in total logging increased from 28 % to 37 % (goal: 35 %) The lead time could be reduced from 49 to 38 days (goal: 35 days) The accounting time (end of transport until final billing) could be reduced from 39 to 25 days (goal: 30 days) due to the installation of 4 EDP-inferfaces with customers (goal: 5 interfaces)

SZCZEGÓŁY

POCHODZENIE SUROWCA DRZEWNEGO

Las

RODZAJ SUROWCA DRZEWNEGO

Drewno okrągłe

POTENCJAŁ DLA MOBILIZACJI DREWNA

Estimated 1 m³/ha through more efficient staff at forest owner association

RODZAJ DREWNA

Stemwood

ŁATWOŚĆ WDROŻENIA

Medium

WPŁYW NA ŚRODOWISKO I BIORÓŻNORODNOŚĆ

Positive on biodiversity and forest resilience enhancement

ŁATWOŚĆ WDROŻENIA - OCENA

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EFEKTY EKONOMICZNE

more efficient working processes and cost reduction possibility identification

KLUCZOWE WYMAGANIA

Using standard IT solutions and adopt existing organization to usage

POTENCJAŁ W ZAKRESIE KOMERCYALIZACJI

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RODZAJ WYDARZENIA, W KTÓRYM WYSTĄPIŁA DANA BPI

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HUB

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EFEKTY W ZAKRESIE ZATRUDNIENIA

Better qualified staff through project including results

WPŁYW NA GOSPODARKĘ

more efficient working processes

KOSZT IMPLEMENTACJI (EURO - €)

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WYMAGANA WIEDZA SPECJALISTYCZNA

Staff have to be trained with IT-tools

WIĘCEJ
INFORMACJI

WYZWANIE	DOMENA	RODZAJ ROZWIAZANIA
--	Pozyskanie, infrastruktura, logistyka	--
SŁOWA KLUCZOWE	ROZWIAZANIE CYFROWE	INNOWACJA
--	Nie	Nie
KRAJ POCHODZENIA	SKALA APLIKACJI	ROK ROZPOCZĘCIA I ZAKOŃCZENIA
Niemcy	Regionalny	2003 - 2005

ŹRÓDŁA I
MATERIAŁY

STRONA INTERNETOWA

http://www.info-holzmobilisierung.org/fileadmin/portale/allgemein/Publikationen_und_Arbeiten/2005-05_WBV-Logistik_Optimierung_der_Holzernteketten_Endbericht_01.pdf

ZASOBY

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STRONA INTERNETOWA PROJEKTU

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PROJEKT

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PROJEKT, W RAMACH KTÓREGO STWORZONA ZOSTAŁA NINIEJSZA FISZKA

Rosewood

DATA PUBLIKACJI

15 lis 2019



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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



□