Machinery ring



A “machinery ring” describes an association where farmers support each other by offering machinery and services in forestry and agriculture:
The “machinery ring” is a community that exchanges experiences, shares machines and supports in emergency situations.
it’s essentially based on community and innovation
The „machinery ring“ is a Germany-wide organisation; membership is completed in the members’ local machinery ring (place of living)
The focus is on a member organization and the sustainable benefits for the associated companies

The “machinery ring” successfully offer their members:
reduced production costs attractive employment and additional income opportunities
enhanced working conditions (for example outsourcing of work chains, support of employees during peak periods)
allowances in emergency situations (damages, etc.)
expert consultancy, wide range of services, mediation contracts

The “machinery rings” are the first consulting partners in management and field work organization
The local organizations provide individual personnel, services and technology
The cost-effective shared use of modern technology / machinery in forestry and agriculture, employment models for members and organization of value chains especially in rural areas are the main building blocks
In Germany there are about 240 local machinery ring organizations that represent about 192.000 agricultural farms
Roof organization is the “Bundesverband der Maschinenringe e.V.“ with it’s subsidiary „Maschinenring Deutschland GmbH“

DETAILS

ORIGIN OF WOOD

--

TYPE OF WOOD

Stemwood

KIND OF WOOD CONCERNED

Stemwood, biomass, isolated trees, parcs, municipal woodlands, agriculture / plantations, landscaping

IMPACT ON ENVIRONMENT & BIODIVERSITY

positive on biodiversity and forest resilience enhancement

INCOME EFFECT

Positive / improved value-chain in rural areas

EXPLOITATION POTENTIAL

--

HUB

--

ECONOMIC IMPACT

Enhancement of regionally added value. The Maschinenring itself offers jobs for 2.500 employees.

SPECIFIC KNOWLEDGE NEEDED

MOBILIZATION POTENTIAL

1 – 2 m³/ha

SUSTAINABILITY POTENTIAL - VALUE

--

EASE OF IMPLEMENTATION

Low

EASE OF IMPLEMENTATION - EVALUATION

--

KEY PREREQUISITES

Low entrance barriers to establish such approaches

TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

JOB EFFECT

Creating professional jobs in rural area

COSTS OF IMPLEMENTATION (EURO - €)

--

shared machinery and work power;

MORE DETAILS

CHALLENGE ADDRESSED

--

DOMAIN

Forest-based bio/circular economy

Innovation management, hubs, clusters

TYPE OF SOLUTION

--

KEYWORDS

--

DIGITAL SOLUTION

No

INNOVATION

No

COUNTRY OF ORIGIN

Germany

SCALE OF APPLICATION

National

START AND END YEAR

--

CONTACT DATA

OWNER OR AUTHOR

REPORTER

info@maschinenringe.com

REFERENCES AND RESOURCES

MAIN WEBSITE

https://www.maschinenring.de/

RESOURCES

--

PROJECT WEBSITE

--

PROJECT REFERENCE

--

PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED

Rosewood

POST DATE

18 Nov 2019

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