


Description of best practice

Best practice	
Title	machinery ring
Picture	
Domain	forest industry, Communities / networks
Source of wood	Stemwood, Above and below ground biomass, Isolated trees, Parcs, Municipal woodlands, Agriculture / plantations, Landscaping
Location	Germany
Implementers	Bundesverband der Maschinenringe e.V.
Actual status	Closed
	<p>A “machinery ring” describes an association where farmers support each other by offering machinery and services in forestry and agriculture:</p> <ul style="list-style-type: none"> • 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
Main results	<ul style="list-style-type: none"> • 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

	<p>areas are the main building blocks</p> <ul style="list-style-type: none"> • 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“
Lessons learned	<p>The “machinery ring” successfully offer their members:</p> <ul style="list-style-type: none"> • 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
Contact information	individual / local Maschinenring
Link to website	https://www.maschinenring.de/ , https://twitter.com/Maschinenring
Code	BP_DE_13

Best practice assessment

Region	Germany
Time scale	Since 1958
Mobilization Potential	1 – 2 m ³ /ha
Kind of wood concerned	Stemwood, biomass, isolated trees, parcs, municipal woodlands, agriculture / plantations, landscaping
Sustainability Potential	positive
Impact on environment & biodiversity	positive on biodiversity and forest resilience enhancement
Ease of implementation	Low
Economic impact	Enhancement of regionally added value. The Maschinenring itself offers jobs for 2.500 employees.
Job effect	Creating professional jobs in rural area
Income effect	Positive / improved value-chain in rural areas
Specific knowledge needed	shared machinery and work power;
Costs of implementation	Low as there are basic machinery from agriculture available. individual costs for membership
Technical readiness level	Applicable
Key information for adoption	Low entrance barriers to establish such approaches