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Best Practices and Innovations Collection – First batch

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PU	Public	X
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	



CHANGE CONTROL

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1.0	07.05.2021	Complete report	Uwe Kies	IW
	10.05.2021	Report submitted to PO by e-mail for pre-check	Anthony Salingre	SIG
1.1	05.11.2021	Revised report: included final table of selected 50 BP&I and overview statistics	Uwe Kies	IW

DISTRIBUTION LIST

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10.05.2021	Submitted version circulated	Steering Committee & partners
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Abstract

The D1.3 report documents the Rosewood4.0 consortium’s first batch collection of **50 factsheets** about Best practices and Innovations (BP&I) identified by the Regional Hubs. It complements the full report D1.2 about the WP1 survey and validation activities. This set of factsheets has been completed by the partners in the Rosewood4.0 knowledge repository, where they have been published and are being disseminated to many stakeholders across Europe. The online factsheets can be accessed through the provided links.

Deviation

Justification for the delay of the submission of the deliverable report: Following the restrictions imposed by the COVID-19 pandemic, the Hub workshops meetings could not be organized as physical meetings and had to be held to a large extent online. This needed more communication between Hub leaders, partners and external stakeholders. It thus required more time to review the large, collected list of best practice and innovations and complete the joint assessment. However, the deviation is not critical, because the results are convincing and the implementation of the knowledge platform shows good progress.

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1 BP&I Collection – first batch

1.1 Overview

In WP1, the consortium has identified a large collection of Best practices and Innovations (BP&I) covering a range of relevant topics, domains and regions in digital-supported solutions in forestry and wood industry mobilization. From the analysis of the full collection, documented in report D1.2, a subset of 50 BP&I has been selected as first priority for the Hubs (first batch). These BP&I were completed by the partners and published as online factsheets in the knowledge platform, documented in this report D1.3.

The first batch contains BP&I that are of main interest for the Regional Hubs, as identified in the assessment phase through experts’ feedback, validation workshops and regional roadmaps (see D1.3 and D2.1). They include BP&I that are of interest only to the national partner (Hub internal priority) as well as BP&I of mutual interest from different Hubs (transnational priority).

A factsheet contains a short abstract, visual items (pictures, logos, videos), and additional information (categories, contacts, references, additional resources). It notably provides quick access to the original website or information source via active hyperlinks. For easy navigation and querying in the knowledge platform, each BP&I factsheet is categorized using the classifications developed in D1.2 (country, domain, type of solution, scale of application, challenge for wood mobilisation). The categories allow to highlight typical groups of BP&Is.

The factsheets in English language are complete. Translations into the national languages of the Hubs are prepared by the national editors and are still in progress.

1.2 Distribution of first batch collection

The following overview statistics are helpful to characterise the first batch collection.

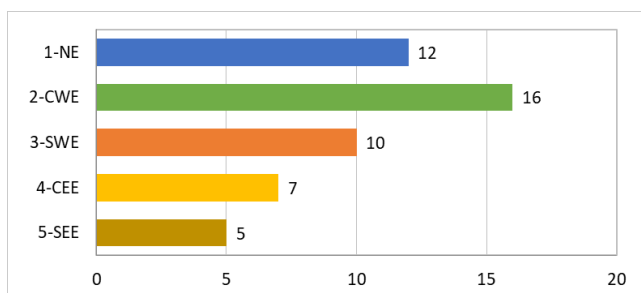


Figure 1 Number of collected BP&I in first batch per Hub (n = 50)

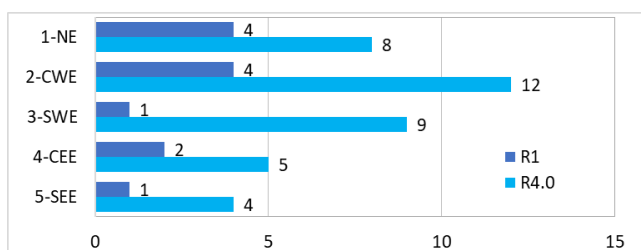


Figure 2 Number of collected BP&I in first batch per EU project (R1: Rosewood, R4.0: Rosewood 4.0; n = 50)

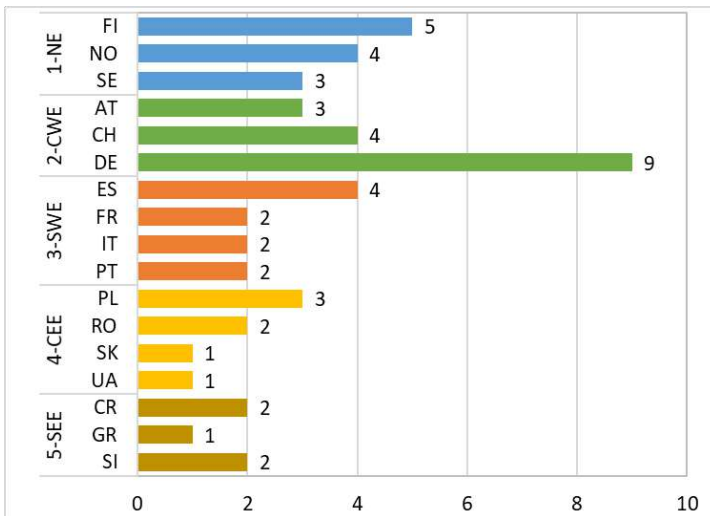


Figure 3 Number of collected BP&I in first batch per Country (n = 50)

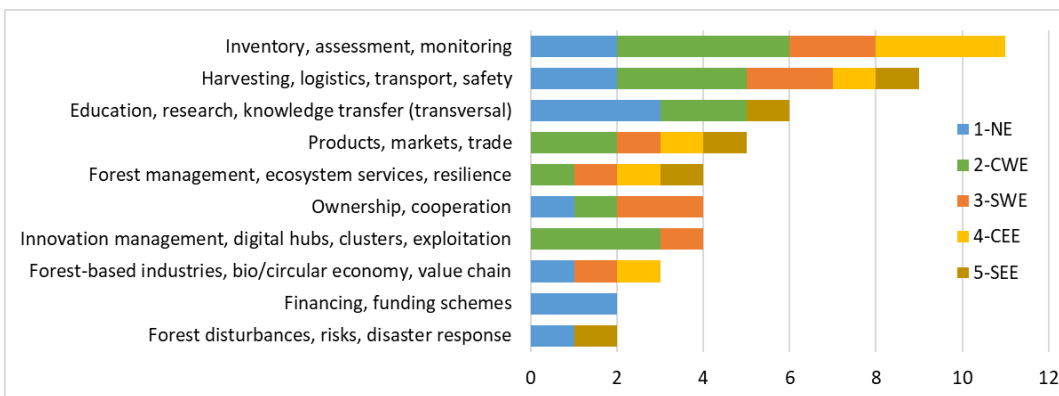


Figure 4 Number of collected BP&I in first batch per Domain (n = 50)

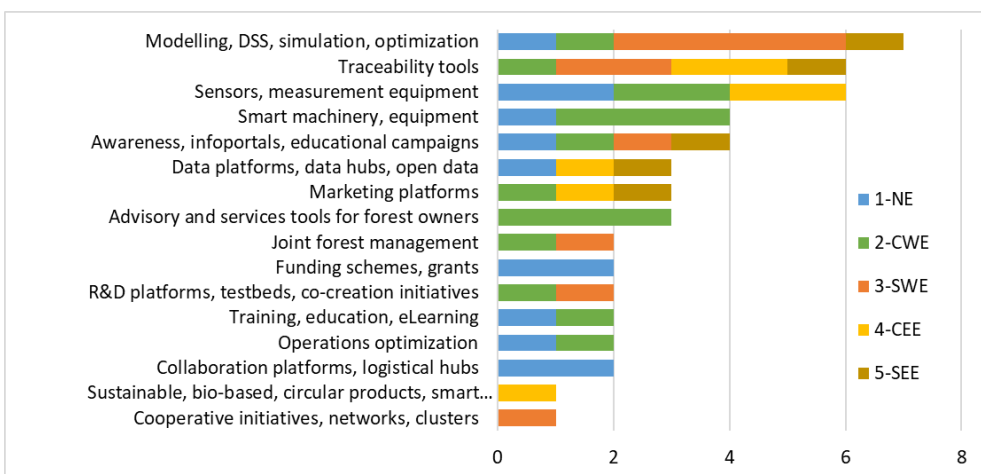


Figure 5 Number of collected BP&I in first batch per Solution type (n = 50)

1.3 List of first batch collection

First batch list of 50 selected BP&I as of 1 November 2021. Full factsheets are accessible via the online [link](#). Left mouse-click on the link will open the factsheet in your default browser.

Regional Hub abbreviations: NE Northern Europe / CWE Central-Western Europe / SWE South-Western Europe / CEE Central-Eastern Europe / SEE South-Eastern Europe / EU whole EU / INT international

Origin: R1 Rosewood (2018-2020), R4.0 Rosewood 4.0 (2020-2021).

Note: The *No.* is used as internal ID and does not correspond to a count (record duplicates were erased).

No.	Title	Country	Hub	Origin	Batch	Web	Factsheet
4	Virtueller Wald - Virtual Forest	DE	2-CWE	R1	A	http://www.virtueller-wald.de/	factsheet
6	Biomassa-atlas - Biomass atlas	FI	1-NE	R4.0	A	https://www.luke.fi/biomassa-atlas/en/	factsheet
8	Virtuaalimetsä 2.0 - Virtual Forest 2.0 Innovation	FI	1-NE	R1	A	https://virtualforest2.wordpress.com/home/	factsheet
15	Forest cooperative societies: land consolidation of jointly owned community forests	DE	2-CWE	R4.0	A	http://bit.ly/kies2017	factsheet
21	Metsään.fi - eServices for Forest Owners and Service providers	FI	1-NE	R1	A	www.metsaan.fi	factsheet
25	The forest moves	FR	3-SWE	R1	A	https://www.laforetbouge.fr/	factsheet
32	ChainWood - Blockchain for Immutable Timber	ES	3-SWE	R4.0	A	www.chainwood.eu	factsheet
33	AVATAR - Advanced Virtual Aptitude and Training Application in Real Time	DE	2-CWE	R4.0	A	https://www.fnr.de/index.php?id=11150&fkz=2219NR032	factsheet
45	Joint wood terminals	FI	1-NE	R1	A		factsheet
49	MojGozdar - MyForester - Quality assessment of forestry contractors	SI	5-SEE	R1	A	https://www.mojgozdar.si	factsheet
52	Woodvetia - Swiss national wood promotion programme	CH	2-CWE	R1	A	https://www.holz-bois-legno.ch/	factsheet
60	KomSilva - Training and public relations materials for activation of private forest owners	DE	2-CWE	R1	A	www.komsilva.de	factsheet
65	KWH4.0 - Center of Excellence Forest and Timber 4.0	DE	2-CWE	R4.0	A	www.kwh40.de	factsheet
67	KEMERA - Financing of Sustainable Forestry	FI	1-NE	R1	A	http://www.metla.fi/metinfo/sustainability/SF-2-financial-instruments.htm	factsheet
77	SecureChain - Small and medium enterprises securing future-proof bioenergy chains	GR	5-SEE	R4.0	A	http://www.securechain.eu/	factsheet
81	HolzmobRegio	AT	2-CWE	R4.0	A	https://www.waldverband-stmk.at/holzmobregio/	factsheet
87	Evergreen Innovation Camp - Hackathon	AT	2-CWE	R4.0	A	https://www.evergreen-innovationcamp.io/	factsheet
93	BioRES - Biomass trading centres calculation tool	AT	2-CWE	R4.0	A	www.waldverband-steiermark.at	factsheet
101	PROZEL - Forecasting threats to forest ecosystems through the implementation of an innovative electronic system for the recognition of odors	PL	4-CEE	R4.0	A	http://prozel.fizyka.pw.edu.pl/	factsheet

No.	Title	Country	Hub	Origin	Batch	Web	Factsheet
103	BDL - Forest Data Bank	PL	4-CEE	R4.0	A	https://www.bdl.lasy.gov.pl/port al/en	factsheet
115	Forest stock market e-drewno.pl	PL	4-CEE	R4.0	A	https://www.e-drewno.pl/	factsheet
126	Electronic timber tracking	UA	4-CEE	R4.0	A	https://open.ukrforest.com/	factsheet
130	TimFlow - TimFlow - WoodTracking	RO	4-CEE	R1	A	https://www.timflow.com/	factsheet
148	LignoSilva INFRA - 3D CT scanner for wood fault detection	SK	4-CEE	R4.0	A	http://lignosilva.nlcsk.org/files/LignoSilva_brochure.pdf	factsheet
153	C.A.F.E - Carbon, Aqua, Fire & Eco-resilience DSS	ES	3-SWE	R4.0	A	https://www.resilientforest.eu/resources/	factsheet
162	Skogkurs - Forestry Extension Institute	NO	1-NE	R4.0	A	https://www.youtube.com/user/skogkurs/playlists	factsheet
166	Use of drones in vocational education	NO	1-NE	R4.0	A	https://www.soloer.vgs.no/hovedmeny/utdanningsprogram/naturbruk/	factsheet
167	Cross-Forest - Digital Service Infrastructures to integrate models supporting forest management and forest protection	ES	3-SWE	R4.0	A	https://crossforest.eu/	factsheet
169	Arboair - Detecting bark beetles with AI	SE	1-NE	R4.0	A	https://www.arboair.com/	factsheet
171	ForestLiDARioja - Updating and enhancement of forest information in La Rioja obtained from remote sensors: LiDAR and satellite data	ES	3-SWE	R4.0	A	https://www.forest-lidarioja.info/	factsheet
192	DetectIT - Detectit - save our forests	CR	5-SEE	R4.0	A	http://gimnazija-velika-gorica.skole.hr/	factsheet
194	Public data of forests	CR	5-SEE	R4.0	A	http://javni-podaci.hrsume.hr/	factsheet
198	DigiWood - Digital sawmill	SE	1-NE	R4.0	A	https://www.moelven.com/se/det-digitala-sagverket/	factsheet
205	HiVision - Virtual reality support for crane operators	SE	1-NE	R4.0	A	https://www.hiab.com/en/pages/loglift-ionsered/hivision/	factsheet
217	Waldinfo NRW - Information platform on forests in NRW incl. interactive digital maps on forest cover, ecology, geology, types of use and calamities	DE	2-CWE	R4.0	A	https://www.waldinfo.nrw.de/	factsheet
227	iWald - Comparison of silvicultural concepts by simulation of growth processes in forests on the smartphone	DE	2-CWE	R4.0	A	https://www.kwf-online.de/index.php/forschungsprojekte/iwald	factsheet
242	Invazivke - Awareness raising, training and action for invasive alien species in the forest	SI	5-SEE	R4.0	A	https://www.invazivke.si/	factsheet
269	RILEGNO -	IT	3-SWE	R4.0	A	http://www.rilegno.org/	factsheet
270	LegnOK - -	IT	3-SWE	R4.0	A	https://www.legnokweb.it/anagrafica/user	factsheet
276	Forestry fund	NO	1-NE	R4.0	A	https://www.landbruksdirektoratet.no/no/eiendom-og-skog/skogfond/om-skogfond	factsheet
284	Women in Forestry	NO	1-NE	R4.0	A	http://kvinneriskogbruket.no/	factsheet
290	Forwarder2020 prototypes	CH	2-CWE	R4.0	A	https://www.forwarder2020-project.eu/	factsheet
292	Kollegenschutz4.0 - Work safety improvement system for forest operations	CH	2-CWE	R4.0	A		factsheet

No.	Title	Country	Hub	Origin	Batch	Web	Factsheet
293	iFOS Roadscanner - Road condition monitoring	DE	2-CWE	R4.0	A	https://www.wald-und-holz.nrw.de/aktuelle-meldungen/2016/forstliches-bildungszentrum-von-wald-und-holz-nrw	factsheet
301	Areas Florestais Agrupadas - Forest Area Aggregation	PT	3-SWE	R4.0	A		factsheet
303	Forscope - Forest Supply Chain Optimization System	PT	3-SWE	R4.0	A		factsheet
307	Lignum - Lignum wood industry Central Switzerland	CH	2-CWE	R4.0	A	https://lignum-zentral.ch/	factsheet
308	LogBuch	DE	2-CWE	R1	A	https://logbuch.xyz/	factsheet
348	Climafor® - Carbon accounting tool	FR	3-SWE	R4.0	A	https://www.foretpriveefrancaise.com/publications/voir/711	factsheet
359	Egger wood recycling	RO	4-CEE	R1	A	https://www.egger.com/	factsheet