



**ecobreed**  
IMPROVING CROPS



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<b>ABSTRACT (FOR DISSEMINATION)</b>	This document provides an overview of the IP issues and results that were exploited during the first 12 months of the project. The report is approved by the IP sub-committee members.
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# 1<sup>st</sup> IP exploitation report

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## Overview of the exploitation activities & IP

ECOBREED welcomes 'Science 2.0: Science in Transition', a holistic approach to the dissemination of information and exploitation of results, providing open access to project results wherever possible, through consistent and appropriate IP management. In order to strike an appropriate balance between efficient dissemination and exploitation to a wider range of users/actors and adequate protection of intellectual property, an Intellectual Property sub-committee has already been established in the second month of the project. This committee is headed by the project coordinator and includes an experienced patent attorney affiliated to the KIS. The IP sub-committee identifies and reviews intellectual property issues as they arise and develops a strategy for the most effective and equitable means of protecting and exploiting the intellectual property directly arising from the project. **All publications, press releases and other forms of dissemination material must be evaluated and approved by the IP sub-committee.** The latter will ensure that exploitation objectives always take precedence over dissemination and that the rule "no dissemination must jeopardise the exploitation potential" is implemented throughout the project. All results/technologies with commercial potential or intellectual property issues should be reported (a) to the project coordinator and (b) to the IP sub-committee. The size of the IP sub-committee is small to facilitate rapid action and decision-making. **The current members are: Vladimir Meglič and Helena Valas (both KIS), Paul Bilsborrow (UNEW), Heinrich Grausgruber (BOKU), Max Mayer (SECOBRA), Pavel Horčíčka (SELGEN).**

In addition to the acting subcommittee on intellectual property, the technology transfer offices/units in the 25 partner organisations should prepare an annual report on intellectual property. The role of the IP sub-committee is to review these reports and follow up with the relevant office on any technologies with commercial potential or intellectual property issues identified. In addition, the WP leaders review the annual progress reports of their WPs on potential results/technologies/innovations that should be considered for IP protection and/or exploitation. Any additional questions (to those listed in the annual IP reports of each partner) should be reported (a) to the project coordinator and (b) to the IP sub-committee.

**During the first year of the project there were no major exploitation activities.** There were two types of intellectual property categories that arose in the communication and dissemination of the project objectives, namely: publications and trademarks. There have been 2 press releases prepared, although both have just an informative nature, revealing the members of the consortium, main objectives of the project and its social media channels.

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## 1. Publications

All publications have been evaluated by the IP sub-committee. Altogether 9 publications have been published, of which: 2 articles in the peer-reviewed journals, 3 publications out of the conference proceedings/workshop and 4 other publications. Details are presented in the table 1 below.

**Table 1 List of publication for the period M1-M12 of the ECOBREED project**

No.	Type	Title	Authors	Title of the Journal/Proc./Book	Number, date or freq. of the Journal/Proc./Book	Peer-reviewed	Open Access	DOI	Repository Link
1	Article in Journal	Comparison among Methods and Statistical Software Packages to Analyze Germplasm Genetic Diversity by Means of Codominant Markers	Mario Pagnotta	J Multidisciplinary Scientific Journal	1/1	Yes	Green	<a href="https://doi.org/10.3390/j1010018">10.3390/j1010018</a>	<a href="https://www.mdpi.com/2571-8800/1/1/18">https://www.mdpi.com/2571-8800/1/1/18</a>
2	Publication in Conference proceedings/ Workshop	ECOBREED – Increasing the Efficiency and Competitiveness of organic crop BREEDing. A new H2020 project on organic breeding of wheat, potato, soybean and buckwheat	Grausgruber H., Meglič V., Hauptvogel P., Dolničar P., Petrović K., Janovská D., Bilsborrow P., Vogt-Kaute W., Pagnotta M., Kuhar A.G.	69. Tagung 2018 der Vereinigung der Pflanzenzüchter und Saatgutkaufleute Österreichs	Annual	No	n.a.	<a href="http://www.saatgut-austria.at/MEEDIA/201869%20Tagungsband_korr.pdf">http://www.saatgut-austria.at/MEEDIA/201869%20Tagungsband_korr.pdf</a>	
3	Publication in Conference proceedings/ Workshop	Soybean breeding for organic farming: breeding goals and options	Vollmann J., Bernhart M., Petrović K., Miladinović J., Djordjević V.	69. Tagung 2018 der Vereinigung der Pflanzenzüchter und Saatgutkaufleute Österreichs	Annual	No	n.a.	<a href="http://www.saatgut-austria.at/MEEDIA/201869%20Tagungsband_korr.pdf">http://www.saatgut-austria.at/MEEDIA/201869%20Tagungsband_korr.pdf</a>	

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4	Other	Projekt: ECOBREED	Grausgruber H.	CAS Newsletter 5/2019	Biannual	No	n.a.	<a href="https://boku.ac.at/fileadmin/data/H99000/H99200/BOKU-CAS_Newsletter_Ausgabe_5-2019.pdf">https://boku.ac.at/fileadmin/data/H99000/H99200/BOKU-CAS_Newsletter_Ausgabe_5-2019.pdf</a>
5	Other	Put od nauke do prakse Aktuelna naučna istraživanja na soji	dr Vuk Đorđević dr Kristina Petrović dr Marina Čeran Zlatica Miladinov, dipl. inž. - master, Marjana Vasiljević, dipl. inž. – master	Za našu zemlju	77	No	n.a.	<a href="https://www.victorialogistic.rs/sites/log_n/files/casopis/bitlen-77-web.pdf">https://www.victorialogistic.rs/sites/log_n/files/casopis/bitlen-77-web.pdf</a>
6	Other	Projekt ECOBREED	Pavol Hauptvogel, Alžbeta Žofajová, Michaela Havrlentová, D. Janoviček	Genofond : informačný spravodajca	2	No	n.a.	<a href="https://www.vurv.sk/fileadmin/VU RV/subory/Casopis_GENOFOND/Genofond_2018.pdf">https://www.vurv.sk/fileadmin/VU RV/subory/Casopis_GENOFOND/Genofond_2018.pdf</a>
7	Publication in Conference proceedings/ Workshop	ECOBREED – increasing the efficiency and competitiveness of organic crop breeding	Meglič, V.; Bilsborrow, P.; Janovska, D.; Grausgruber, H.; Dolničar, P.; Pagnottam, M.; Petrović, K.; Kuhar, A.G.; Vogt-Kaute, W.; Hauptvogel, P.	ICOAS'18, 6th International conference on organic agriculture sciences	n.a.	No	n.a.	<a href="http://icoas2018.org/wp-content/uploads/2018/11/ICOAS2018_BoA.pdf">http://icoas2018.org/wp-content/uploads/2018/11/ICOAS2018_BoA.pdf</a>

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8	Article in Journal	Revisiting the versatile buckwheat: reinvigorating genetic gains through integrated breeding and genomics approach	D. C. Joshi, Ganesh V. Chaudhari, Salej Sood, Lakshmi Kant, A. Pattanayak, Kaixuan Zhang, Yu Fan, Dagmar Janovská, Vladimir Meglič, Meiliang Zhou	Planta	250/3	Yes	NO	<a href="https://doi.org/10.1007/s00425-018-03080-4">10.1007/s00425-018-03080-4</a>
9	Other	EU-projekt zur Verbesserung der Öko-Pflanzenzüchtung	Ann-Kathrin Trappenberg	Naturland Nachrichten	05/2018	No	n.a.	<a href="https://www.naturland.de/de/erzeuger/fachthemen/naturland-nachrichten.html">https://www.naturland.de/de/erzeuger/fachthemen/naturland-nachrichten.html</a>

## 2. Trade mark

Visual appearance of the project was registered at the EU Intellectual Property Office (since December 15<sup>th</sup> 2018) for the following classes:

- Class 31 Goods and services: Buckwheat, unprocessed; Agricultural seeds; Plant seeds; Unprocessed cereals; Seed potatoes; Raw potatoes; Seeds; Vegetable seeds; Natural seeds; Grains [seeds]; Wheat seed; Rye seed; Fresh soy beans.
- Class 35: Advertising and marketing; Advertising and marketing services; Advertising, marketing and promotion services; Advertising; Advertising and publicity; Product marketing.
- Class 42: Research relating to the production of seeds; Research and development of new products; Research to develop new products; Product research and development; Research (Scientific -); Agricultural research; Laboratory services for agricultural research; Research and development in the field of biotechnology; scientific laboratory services; scientific research; scientific research and analysis

The following certificate was obtained:

