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REsidual soft WOOD conversion to high characteristics drop-in bioFUELS

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Deliverable D02.06 Final report on the dissemination and communication activities.



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Project Coordinator: Bernard Chaud – Global Bioenergies (P1 - GBE)

Contact: Bernard.Chaud@global-bioenergies.com

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P3_SEK	tino.lassmann@sekab.com

Document Abstract

Deliverable D05.06 summarizes all activities related to the exploitation of the project.

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1. Background and overall aim

The main objective of the Rewofuel project is to demonstrate the conversion of softwood residues into high performance gasoline and jet fuel on an industrial level and thereby decrease the impact of fossil-based resources.

EU approximately produces 145 million tons of forestry residues per year, and 100 million tons of non-exploited wood which accumulates in our forests each year. The Rewofuel value chain would therefore enable the supply of several hundreds of plants in Europe. According to our estimation, 100 plants would cover 3% of European gasoline and Jet fuel needs (160 million tons total per year). The Rewofuel value chain would also contribute to create 6 000 direct jobs and 30 000 indirect jobs within the green transition.

Under the three years project duration the 11 partners are combining their core competence in optimizing the complete process chain that also comprises the valorisation of side streams to other valuable products that can contribute to the market as an alternative in replacing fossil-based materials. The objectives of work package (WP) 5 is to make the solution going from lab and demo scale into industrial scale known to a large to a large number of potential customers and collaboration partners. The technology should also be known to a wide audience and its end-users including the general public. A successful market replication and commercialisation of the product (s) will be ensured during the project.

The projects progress in WP5 from M1 to M40 regarding communication and dissemination activities is presented under the following sections.

2. Summary of Dissemination Activities

The following information summarizes the dissemination activities reported individually by each partner. Over the course of the project, partners had been reminded to participate in dissemination activities. Furthermore, partners were informed by P03- SEK on a continuous basis about their duty to report the relevant information.

01 – GBE

- **Press Releases: 14 PRs**

- 2022-06-21: Global Bioenergies secures first order from Shell for testing volumes of bio-isobutene derivatives
- 2022-03-23: Start of commercial production in Pomacle
- 2021-10-20: Global Bioenergies makes breakthrough on the road toward biojet fuel
- 2021-09-06: Publication in Nature Communications of a paper describing the mechanism of enzymes yielding renewable isobutene
- 2021-06-14: Global Bioenergies and Swift Fuel plan the first international flight of an aircraft powered by aviation gasoline made from over 97% renewable resources
- 2021-06-14: Market launch of LAST
- 2021-05-17: Global Bioenergies: production scale-up
- 2020-10-07: Global Bioenergies fait le point sur ses développements dans le domaine des biocarburants aéronautiques
- 2019-04-09: 2.2 million euros paid to Global Bioenergies after the first term of the OPTISOCHM European project
- 2019-03-13: Global Bioenergies greets the French parliament's proposal aiming to promote a French bio-jet fuel industry
- 2018-10-08: Global Bioenergies reaches 87% of yield target in Isobutene process
- 2018-08-01: GLOBAL BIOENERGIES : la France accorde à deux dérivés de l'isobutène renouvelable le bénéfice du soutien public aux biocarburants durables
- 2018-05-15: Global Bioenergies receives three additional fundings from the European Union, further supporting its strategy of feedstock diversification
- 2018-05-14: Global Bioenergies and an industrial consortium including Sekab, Neste Engineering Solutions, Repsol and SkyNRG receive major EU funding to demonstrate the production of isobutene-derived gasoline and jetfuel from wood

- **Blog posts on Global Bioenergies website: 1 blog article**

- 2021-10-20: Global Bioenergies makes breakthrough on the road toward biojet fuel.

- **Presentations: 1 presentation**

Conference: Bio360 Expo, 30-31 March 2022, Nantes (France)

Title: The path to the first renewable isododecane

Presenter: Antoine de Saizieu, Director of IP

- **Publications: 3 articles**

Journal: Nature Communications, 2021, 12:5300

Title: Directed evolution of prenylated FMN-dependent Fdc supports efficient in vivo isobutene production

Authors: Saaret A, Villiers B, Stricher F et al.

Journal: Revue Industrie Agro-Alimentaire, 2019, 20190708-45-46

Title: Bioraffinerie, la démonstration de la technologie « bio-isobutène » de Global Bioenergies par 4 projets collaboratifs : ISOPROD, OPTISOCEM, REWOFUEL, SWEETWOODS. (article in French, including a summary in English)

Author: Bernard Chaud

Journal: Revue Industrie Agro-Alimentaire, 2022 (in press)

Title: Global Bioenergies, la bio-industrie de haute performance. (article in French, including a summary in English)

Author: Nicolas Barraud

02 – GIV

- **Press Releases:**

Initial press release was spread local and international media.

- **Presentations: 3 presentations**

Webinar: BDC webinar 2022

Conference: Bioket 2022

Conference: Renewable Carbon Conference 2022

03 – SEK

- **Press Releases: 3 PRs**

2020-07-16: Driving on lignin from the forest – it may be possible!

2018-06-28: EU-satsning på biobränsle drar igång i Örnsköldsvik

2018-05-22: SEKAB:s teknik i fokus när EU mångmiljonsatsar på bioflygbränsle

- **Blog posts on Sekab website: 5 blog articles**

2020-07-16: Conditions are now being created for lignin in asphalt!

2021-07-06 Sustainable aviation fuels – entirely possible!

2020-12-18 Application of LCA on innovative biorefinery concepts – REWOFUEL Webinar

2021-01-29 Greener asphalt with lower climate impact is entirely possible!

2021-10-20 Hundra procent förnybar bensin – det är faktiskt fullt möjligt!

- **Presentations: 8 presentations**

Title: Sustainable green chemistry solutions - SEKAB E-Technology

Speaker: Monica Normark

Event: Umeå University

Date: 25th of September 2018
 Location: Umeå, Sweden
 Participation: 20 participants (students) at engineering programs (Chemistry and Environmental chemistry)

Title: Sustainable green chemistry solutions - SEKAB E-Technology
 Speaker: Monica Normark
 Event: Luleå Technical University
 Date: 10th of October 2018
 Location: Luleå, Sweden
 Participation: 30 participants (students) at engineering programs

Title: Sustainable green chemistry solutions - SEKAB
 Speaker: Monica Normark
 Event: Lecture at Swedish University of Agricultural Sciences for the Master program "Forest sciences".
 Date: 18th of October 2018
 Location: Umeå, Sweden
 Participation: 30 participants (students)

Title: Sustainable green chemistry solutions and the CelluAPP platform- SEKAB
 Speaker: Thore Lindgren & Monica Normark
 Event: Lecture, PhD course with student's from Norway, Finland and Sweden (arranged by Umeå University) visiting the Domsjö Biorefinery site, Sweden
 Date: 11th of November 2018
 Location: Örnsköldsvik, Sweden
 Participation: 30 participants, PhD -students

Title: Conversion of softwood residues into sugars by the CelluAPP platform – The first step within the Rewofuel value chain
 Speaker: Monica Normark
 Event: KETBIO "Drop-in biofuels from residual wood"
 Date: 2nd July 2019
 Location: Örnsköldsvik, Sweden

Title: The REWOFUEL project, general information & project status
 Speaker: Tino Lassmann
 Event: 5th H2020 Biofuels Workshop
 Date: 14th – 15th October 2021
 Location: Online

Title: The REWOFUEL project
 Speaker: Monica Normark
 Event: Meeting with municipality regarding lignin in asphalt
 Date: 25th June 2020
 Location: Sundsvall

Title: Who we are & what we do
 Speaker: Tino Lassmann

Event: Digital seminar with Mittuniversitet

Date: 10th March 2022

Location: online

- **Publications: 1 article**

Journal: EU Research Journal, Autumn 2022 Issue

Title: No title yet - 3 page article will be published in Autumn issue

Authors: Patrick Truss

Publication Date: will be published in September 2022

04 – NJA

No communication nor dissemination activity was reported by the project partner.

05 – JKU

- **Presentations: 1 presentation**

Conference: CONECT 2022 conference in Riga from the 11th to the 13th of May 2022

Topic : Environmental and Climate Technologies.

Speaker : Stefan Puschnigg

- **Blog posts on JKU website: 1 blog article**

N/A: Neue Projekte am Energieinstitut

06 – IPS

No communication nor dissemination activity was reported by the project partner.

07 – TEC

No communication nor dissemination activity was reported by the project partner.

08 – AEL

No communication nor dissemination activity was reported by the project partner.

09 – SNR

- **Presentations: 11 presentation**

Speaker / Participants: Bernard Chaud, Renco Beunis, Eva van Mastbergen

Event: ASTM D02.J Emerging fuels

Date: December 2019

Location: New Orleans

Speaker / Participants: Oskar Meijerink

Event: LignoFuels

Date: 27/02/2020

Location: Helsinki

Speaker / Participants: Bernard Chaud, Renco Beunis, Eva van Mastbergen

Event: ASTM FAA OEM review panel meeting

Date: May 2020

Location: Online

Speaker / Participants: Renco Beunis, Eva van Mastbergen, Bernard Chaud

Event: ASTM D02.J Emerging fuels

Date: June 2020

Location: Online

Speaker / Participants: Eva van Mastbergen, Renco Beunis

Event: CAAFI Webinar

Date: 04/11/2020

Location: Online

Speaker / Participants: Eva van Mastbergen, Renco Beunis

Event: ASTM D02.J Emerging fuels

Date: December 2020

Location: Online

Speaker / Participants: Eva van Mastbergen, Renco Beunis

Event: ASTM D02.J Emerging fuels

Date: June 2021

Location: Online

Speaker / Participants: Eva van Mastbergen, Renco Beunis

Event: Lunchwebinar on Sustainable Aviation Fuel from IBN

Date: 01/07/2021

Location: Online

Speaker / Participants: Eva van Mastbergen, Renco Beunis, Bernard Chaud

Event: ASTM FAA OEM Task Group Meeting

Date: 04/10/2021

Location: Online

Speaker / Participants: Eva van Mastbergen, Renco Beunis

Event: ASTM D02.J Emerging fuels

Date: December 2021

Location: Online

Speaker / Participants: Eva van Mastbergen, Renco Beunis, Eline van Berlo

Event: ASTM D02.J Emerging fuels (now Synthetic Aviation Turbine Fuels)

Date: June 2022

Location: Seattle

10 – PEA

- **Press Releases:**

2020-07-10: Peab först i Sverige att lägga asfalt med skogens eget bindemedel

- **Blog posts on Peab website: 3 blog articles**

2018-10-10: Bindemedel från skogen i framtidens asfalt?

2020-08-01: Nu läggs första asfalten med skogens eget bindemedel

2021-07-08: Lyckat försök med lignin i halvvarm asfalt

11 – REP

No communication nor dissemination activity was reported by the project partner.

3. Articles published online

Date	Name / Issue	Title	Region	Topic	Companies mentioned
2018-05-15	Renewables Now	Wood-to-fuels project starts in Europe with Horizon 2020 funds	Worldwide	Biofuels	all companies
		https://renewablesnow.com/news/wood-to-fuels-project-starts-in-europe-with-horizon-2020-funds-612618/			
2018-05-15	Biofuels Digest	Global Bioenergy teams with Sekab, Neste and others on EU-funded isobutene project	Worldwide	Biofuels	GBE, SEK, NES
		https://www.biofuelsdigest.com/bdigest/2018/05/15/global-bioenergy-teams-with-sekab-neste-and-others-on-eu-funded-isobutene-project/			
2018-05-16	Fuels and Lubes	Global Bioenergies starts demonstration project to convert wood residues into second-generation renewable isobutene	Worldwide	Biofuels	GBE, SEK, NES
		https://www.fuelsandlubes.com/global-bioenergies-starts-demonstration-project-to-convert-wood-residues-into-second-generation-renewable-isobutene/			
2018-05-18	Wood Business Forum	Global Bioenergies starts project to set the foundations of converting residual wood to high performances drop-in renewable gasoline and jetfuel	Worldwide	Biofuels	GBE, SEK, NES
		https://www.woodbizforum.com/global-bioenergies-starts-project-to-set-the-foundations-of-converting-residual-wood-to-high-performances-drop-in-renewable-gasoline-and-jetfuel/			
2018-06-28	Transportlogistik	EU-projekt inom biobränsle drog i gång i Örnsköldsvik	Sweden	Biofuels	all companies
		https://www.transportochlogistik.se/index.php/20190803/7574/eu-projekt-inom-biobransle-drog-i-gang-i-ornskoldsvik			
2018-06-28	Process Nordic	De vill skapa bioraffinaderier över hela Europa	Sweden	Biofuels	GBE, PEA, SEK
		https://www.processnet.se/article/view/610208/Inte%20tillg%C3%A4nglig			
2018-06-28	Energi Nyheter	EU-projekt inom biobränsle drog i gång i Örnsköldsvik	Sweden	Biofuels	all companies
		https://www.energinyheter.se/20190803/19101/eu-projekt-inom-biobransle-drog-i-gang-i-ornskoldsvik			
2018-06-29	Process Nordic	Bindemedel från skogen i framtidens asfalt	Sweden	Lignin & Asphalt, Aviation Fuel	PEA
		https://www.processnet.se/article/view/610241/bindemedel_fran_skogen_i_framtidens_asfalt			
2018-06-29	Renewable Energy Magazine	Rewofuel Biofuel Project Kicks Off in Sweden	Worldwide	Biofuels	PEA, SEK
		https://www.renewableenergymagazine.com/biofuels/rewofuel-biofuel-project-kicks-off-in-sweden-20180629			
2018-07-01	Biofuels Digest	Thank heaven for these 11 – EU biofuels effort kicks off in Sweden	Worldwide	Biofuels	all companies
		https://www.biofuelsdigest.com/bdigest/2018/07/01/thank-heaven-for-these-11-eu-biofuels-effort-kicks-off-in-sweden/			

2018-07-04	NYTeknik	Så ska framtidens asfalt bli mer klimatsmart	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.nyteknik.se/miljo/sa-ska-framtidens-asfalt-bli-mer-klimatsmart-6921845
2018-07-04	Norrbottens Affärer	Så kan Peab bli miljövänligare	Sweden	Lignin & Asphalt	PEA
					https://norrbotensaffarer.se/na/sa-kan-peab-bli-miljovanligare-nm4868903.aspx
2018-07-05	Västerbottens Kurir	Restprodukt från flygbränsle kan bli asfalt	Sweden	Lignin & Asphalt, Aviation Fuel	PEA
					https://www.vk.se/2018-07-05/restprodukt-fran-flygbransle-kan-bli-asfalt
2018-07-06	BeSustainable Magazine	Kick-start of Rewofuel Project – Transforming Wood Residues into Biofuels	Worldwide	Biofuels	all companies
					http://www.besustainablemagazine.com/cms2/sekab-on-rewofuel-project-transforming-wood-residues-into-biofuels/
2018-07-06	Lexology	EU-Funded Rewofuel Biofuel Project Gets Started In Sweden	Worldwide	Biofuels	all companies
					https://www.lexology.com/library/detail.aspx?g=b999681f-78c3-4c8e-a6dc-933c5b6f4b97
2018-07-12	Landskogsbruk	EU trappar upp på biobränsle	Sweden	Biofuels	all companies
					https://www.landskogsbruk.se/skog/eu-trappar-upp-pa-biobransle/
2018-09-20	ATL	Skogen får ny användning i asfaltsindustrin	Sweden	Lignin & Asphalt	PEA
					https://www.atl.nu/skog/sa-kan-skogsravara-anvandas-i-asfalt/
2018-12-26	Advanced Biofuels USA	“REWOFUEL”: Residual Soft Wood Conversion to Drop-in Biofuels	Worldwide	Biofuels	-
					https://advancedbiofuelsusa.info/rewofuel-residual-soft-wood-conversion-to-drop-in-biofuels/
2020-07-09	SVT Nyheter	Tallar och granar bidrar till miljövänligare asfalt	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.svt.se/nyheter/lokalt/vasternorrland/restprodukt-fran-skogsindustrin-ersatter-det-oljebaserade-bindemedlet-i-asfalt
2020-07-10	Papper och Massa	Första försöken med lignin som bindemedel i asfalt	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.papperochmassa.se/20200710/3187/forsta-forsoken-med-lignin-som-bindemedel-i-asfalt?page=0%2C6
2020-07-10	Bransch aktuellt	Peab lägger ekologisk asfalt	Sweden	Lignin & Asphalt	PEA
					https://branschaktuellt.se/infrastruktur/vaegar/35507-peab-lagger-ekologisk-asfalt
2020-07-10	Dagens Miljöteknik	Första försöken med lignin som bindemedel i asfalt	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.dagensmiljoteknik.se/20200710/615/forsta-forsoken-med-lignin-som-bindemedel-i-asfalt
2020-07-10	Svenska Dagbladet	Peab först i Sverige att lägga asfalt med skogens eget bindemedel	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.svd.se/bors/news_detail.php?newsid=dc46db05-1547-4e6f-9bd5-8d27c9a6f950
2020-07-10	Avanza	Peab först i Sverige att lägga asfalt med skogens eget bindemedel (Cision)	Sweden	Lignin & Asphalt, Aviation Fuel	PEA, SEK

					https://www.avanza.se/placera/pressmeddelanden/2020/07/10/peab-peab-forst-i-sverige-att-lagga-asfalt-med-skogens-eget-bindemedel.html
2020-07-14	BioEnergy International	Peab first in Sweden to lay asphalt with lignin-based binder	Worldwide	Lignin & Asphalt	PEA, SEK
					https://bioenergyinternational.com/biochemicals-materials/peab-first-in-sweden-to-lay-asphalt-with-lignin-based-binder
2020-07-14	Hållbart Byggande	Peab startar unikt projekt – lägger asfalt med lignin	Sweden	Lignin & Asphalt	PEA, SEK
					https://hallbartbyggande.com/peab-startar-unikt-projekt-lagger-asfalt-med-lignin/
2020-07-15	Dagens Logistik	Peab gör asfalten hallbarare	Sweden	Lignin & Asphalt	PEA, SEK
					https://dagenslogistik.se/peab-gor-asfalten-hallbarare/
2020-07-16	Biofuels Digest	Sekab teams on using lignin to pave roads	Worldwide	Lignin & Asphalt	PEA, SEK
					https://www.biofuelsdigest.com/bdigest/2020/07/16/sekab-teams-on-using-lignin-to-pave-roads/
2020-07-20	Skog Supply	Peab testar asfalt där trä är bindemedel	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.skog-supply.se/article/view/727925/Inte%20tillg%C3%A4nglig
2020-07-20	NTT woodnet	Peab testar asfalt där trä är bindemedel	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.woodnet.se/article/view/727927/peab_testar_asfalt_dar_tra_ar_bindemedel?ref=rss
2020-07-20	Entreprenad	Peab testar asfalt där trä är bindemedel	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.entreprenad.com/article/view/727924/peab_testar_asfalt_dar_tra_ar_bindemedel
2020-07-22	Holzkurier	Holz asphalt: Lignin statt Erdöl	DACH-region	Lignin & Asphalt	PEA, SEK
					https://www.holzkurier.com/holzprodukte/2020/07/holz-asphalt---lignin-anstatt-bitumen.html
2020-07-28	LandSkogsbruk	Framtidens asfaltvägar kan byggas av skogsrester	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.landskogsbruk.se/skog/vagarnas-bindemedel-kan-bli-skogsbaserade/
2020-07-31	Bio-based News	Driving on lignin from the forest – it may be possible!	Worldwide	Lignin & Asphalt	PEA, SEK
					https://news.bio-based.eu/driving-on-lignin-from-the-forest-it-may-be-possible/
2020-08-11	Recycling	Testar asfalt med trä som bindemedel	Sweden	Lignin & Asphalt	PEA, SEK
					https://www.recyclingnet.se/article/view/730106/testar_asfalt_med_tra_som_bindemedel
2020-08-12	LignoCity2.0	Sverige har fått sin första klimatsmarta ligninväg asfalterad	Sweden	Lignin & Asphalt	PEA
					https://lignocity.se/artiklar/sverige-har-fatt-sin-forsta-klimatsmarta-ligninvag-asfalterad/
2020-08-27	Omvärldsbevakning	Rester av trä blir bindemedel i asfalt	Sweden	Lignin & Asphalt	PEA, SEK
					https://omvarldsbevakning.byggjtjanst.se/artiklar/2020/augusti/rester-av-tra-blir-bindemedel-i-asfalt/
2020-09-11	Lignin Club	Sekab and Peab Asphalt replaces a fraction of bitumen with softwood lignin	Finland	Lignin & Asphalt	PEA, SEK
					https://ligninclub.fi/sekab-and-peab-asfalt-replaces-a-fraction-of-bitumen-with-softwood-lignin/
2020-09-21	Byggvärlden	Skogens bindemedel testas i asfalt	Sweden	Lignin & Asphalt	PEA, SEK

	https://www.byggvarlden.se/skogens-bindemedel-testas-i-asfalt-177791/nyhet.html				
2020-10-01	World Highways, October 2020	Bitumen technology advances	Worldwide	Lignin & Asphalt	PEA, SEK
	http://email.worldhighways.com/q/13Wg5MmForPaW2GRZXxUP/wv				
2020-10-10	Bättre Affärer	Bindemedel från skogen testas i Sundsvalls asfalt	Sweden	Lignin & Asphalt	PEA, SEK
	http://battreaffarer.nu/foretagande/bindemedel-fran-skogen-testas-i-sundsvalls-asfalt/				
2021-07-09	BioEnergy International	Peab Asphalt completes experiment with lignin applied in semi-warm asphalt	Worldwide	Lignin & Asphalt	PEA, SEK
	https://bioenergyinternational.com/peab-asphalt-completes-experiment-with-lignin-applied-in-semi-warm-asphalt/				
2021-07-14	Åkeri Entreprenad	Försök med lignin i halvvarm asfalt ger lyckade resultat	Sweden	Lignin & Asphalt	PEA, SEK
	https://www.akerioentreprenad.se/2021/07/14/forsok-med-lignin-i-halvvarm-asfalt-ger-lyckade-resultat/				
2021-07-26	Trailer	Lyckade försök med klimatvänlig asfalt	Sweden	Lignin & Asphalt	PEA, SEK
	https://www.trailer.se/artikel/lyckade-forsok-med-klimatvanlig-asfalt				
2021-09-24	Ingenjören	Lignin från skogen kan ersätta olja i asfalt	Sweden	Lignin & Asphalt	PEA, SEK
	https://www.ingenjoren.se/2021/09/24/lignin-fran-skogen-kan-ersatta-olja-i-asfalt/				
2022-01-27	L'usine Nouvelle	Mobilité durable : Global Bioenergies a fait voler un avion	France	Aviation fuel, Isobutene	GBE
	https://www.usinenouvelle.com/article/mobilite-durable-global-bioenergies-a-fait-voler-un-avion.N1778432				

4. Training & Education – Students involved

01 – GBE

3 Master students carried out internship at GBE working on Rewofuel activities

- Ms Nell Saunders, June-August 2018: IBN fermentation using 2G substrates
- Ms Victoria Launay, February-August 2019: Optimization of media fermentation for an industrial scale up
- Ms Nele Kuusma, September-December 2020: Optimization of fermentation processes for the production of gaseous olefins

03 – SEK

1 Master student:

- Johanna Wuotila, Umeå University - Bioresource Technique Engineering Program; Working with the SO₂ catalyzed hydrothermal pretreatment of softwood.

05 – JKU

1 PhD student:

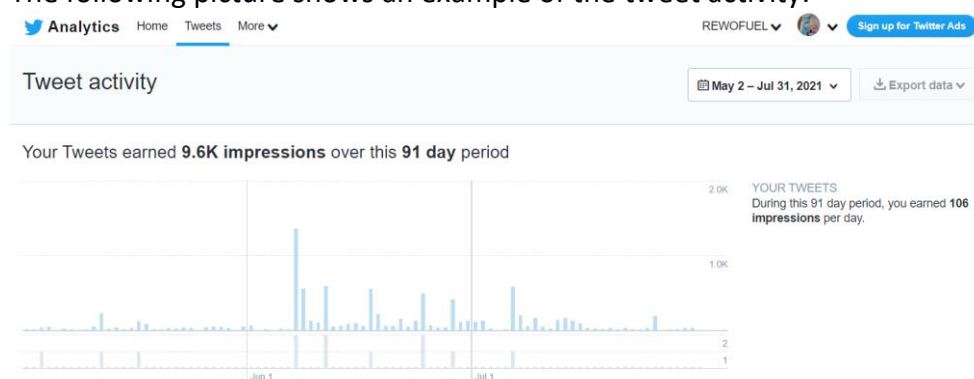
- DI Stefan Puschnigg; Dissertation focuses on the topic of energy efficiency and energy flexibility in energy-intensive industries.

5. Social Media

Twitter:

The Twitter account @rewofuel was started in September 2019. The platform was used to continuously inform about the project and upcoming events. The account has 47 followers.

The following picture shows an example of the tweet activity:



During the presented time span of 91 days tweets earned 9600 impressions, which means that the tweet was seen by this amount of times.

LinkedIn:

The LinkedIn page was used to inform about the Rewofuel project, to post videos from the webinars. There are 109 followers.

6. Videos / TV

Date	Platform	Length	Topic	Companies mentioned	Views
2020-07-09	SVT (Svedish Television)	0:00:41	Lignin & Asphalt	PEA, SEK	
2018-10-18	YouTube Channel Global BioEnergies	0:03:50	General	all companies	477,361
	Title	GLOBAL BIOENERGIES: Forestry residues - a new resource for biofuels			
	Link	https://www.youtube.com/watch?v=VD6kNJhAVfY&t=4s			
2020-12-17	YouTube Channel Sekab	0:41:30	LCA	all companies	233
	Title	Webinar - Application of LCA on innovative biorefinery concepts - The REWOFUEL project			
	Link	https://www.youtube.com/watch?v=jcRH7radvqQ&t=157s			
2021-11-09	YouTube Channel Sekab	0:42:55	biofuels	all companies	91
	Title	WEBINAR One hundred percent renewable gasoline - it is actually quite possible!			
	Link	https://www.youtube.com/watch?v=LPKhIq6e1Ag			
2021-07-02	YouTube Channel Sekab	00:44:06	Aviation fuel	all companies	330
	Title	Webinar - Sustainable Aviation Fuel from residual soft wood - The REWOFUEL project			
	Link	https://www.youtube.com/watch?v=kiWebM411u0			
2021-02-22	YouTube Channel Sekab	00:47:25	Lignin & Asphalt	all companies	1084
	Title	Webinar - Lignin in asphalt - The REWOFUEL project			
	Link	https://www.youtube.com/watch?v=LFCBziGfJks&t=788s			

7. Other Activities

Website

- Successfully developed and online (already reported in deliverable D5.2)

Change of Name / Logos during project



Sekab

Change of Logo



Grananul Invest

*Change of name to Graanul Biotech
Change of Name to **Fibenol**
New Logo for Fibenol*



Ajinomoto Animal
Nutrition Europe

*Changes owner and becomes
Metex NoovistaGo*



SkyNRG

Change of Logo



Global Bioenergies

Change of Logo

8. Conclusion

The interest in the project was very high at the beginning of the project, where it created media attention. During 2019 the interest dipped, as there were not many results available. The global pandemic had then a huge impact on the communication and dissemination activities, as all workshops, conferences or other in-person activities were shut-down. Utilizing webinars gave us the opportunity to create more content. The most interest was related to the utilization of lignin in asphalt, which created a lot of media attention in Sweden. Also, the topic of SAF was of great interest, especially when the aircraft industry started back up again after the pandemic.

All in all, the consortium was able to create interest in the project, utilizing different platforms such as the project website, social media, media press, blogs, and webinars. The majority of the set goals were reached, with the establishment of the website, 4 articles published, and numerous presentations held. Furthermore, with regard to the education and training exchange, 1 PhD student and 4 Master students were involved and 5 seminars at universities were performed.