

# Communication & Dissemination activities

Grant Periods 1, 2, 3, 4, 5 (2018-23)

April 17<sup>th</sup>, 2023

## Communication & dissemination tools used

- *Action website; Partners websites*
- *Action's social media (twitter, Facebook; LinkedIn) and posts from members*

- *Newsletters, wider audience articles*
- *Posters, banners, flyers*

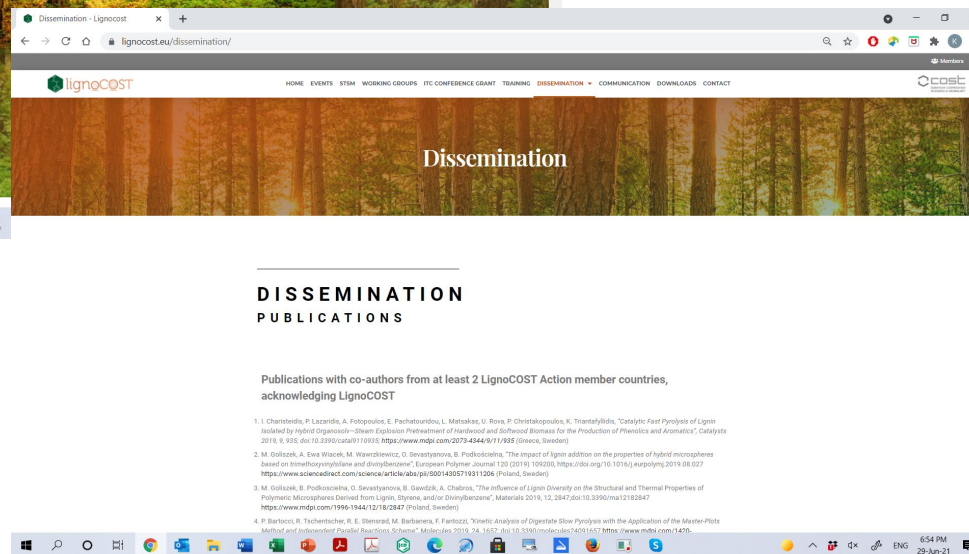
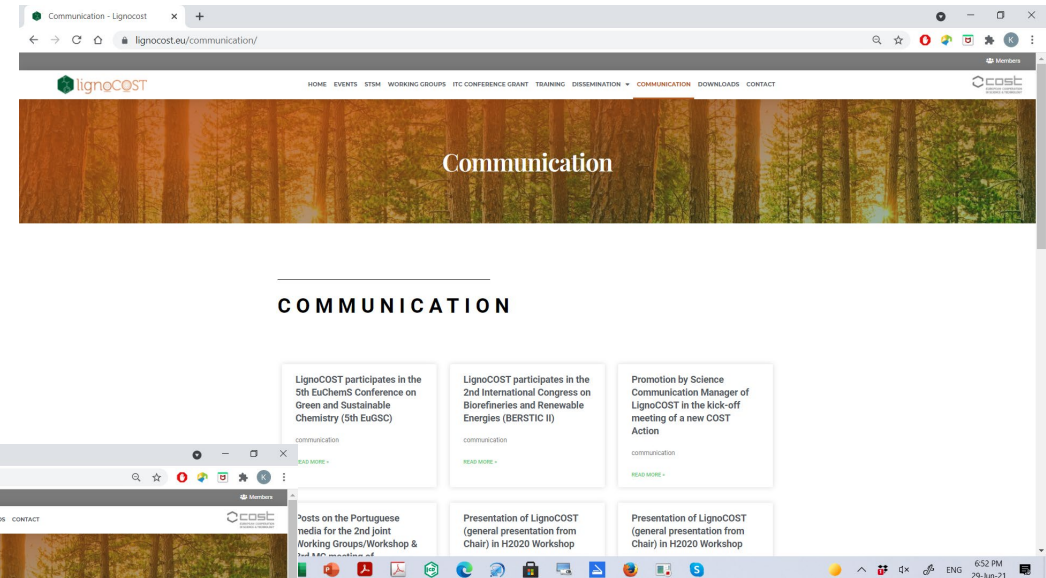
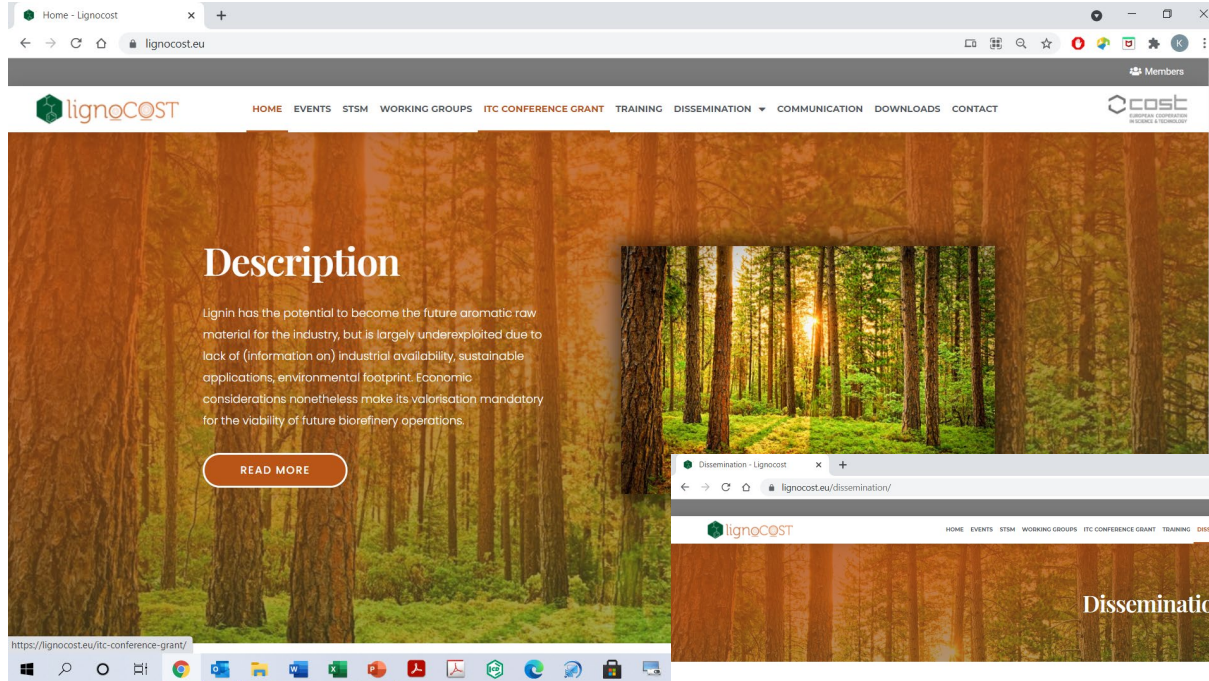
- *Organization of conference on lignin, workshops (scientific and stakeholders), training schools*
- *Participation in conferences, workshops, exhibitions*

- *Joint scientific publications and other technical documents*
- *Special issue on lignin in gold open access journal*

- *Open access WikiLignin database*



## Action Website <https://lignocost.eu/>





# Dissemination activities

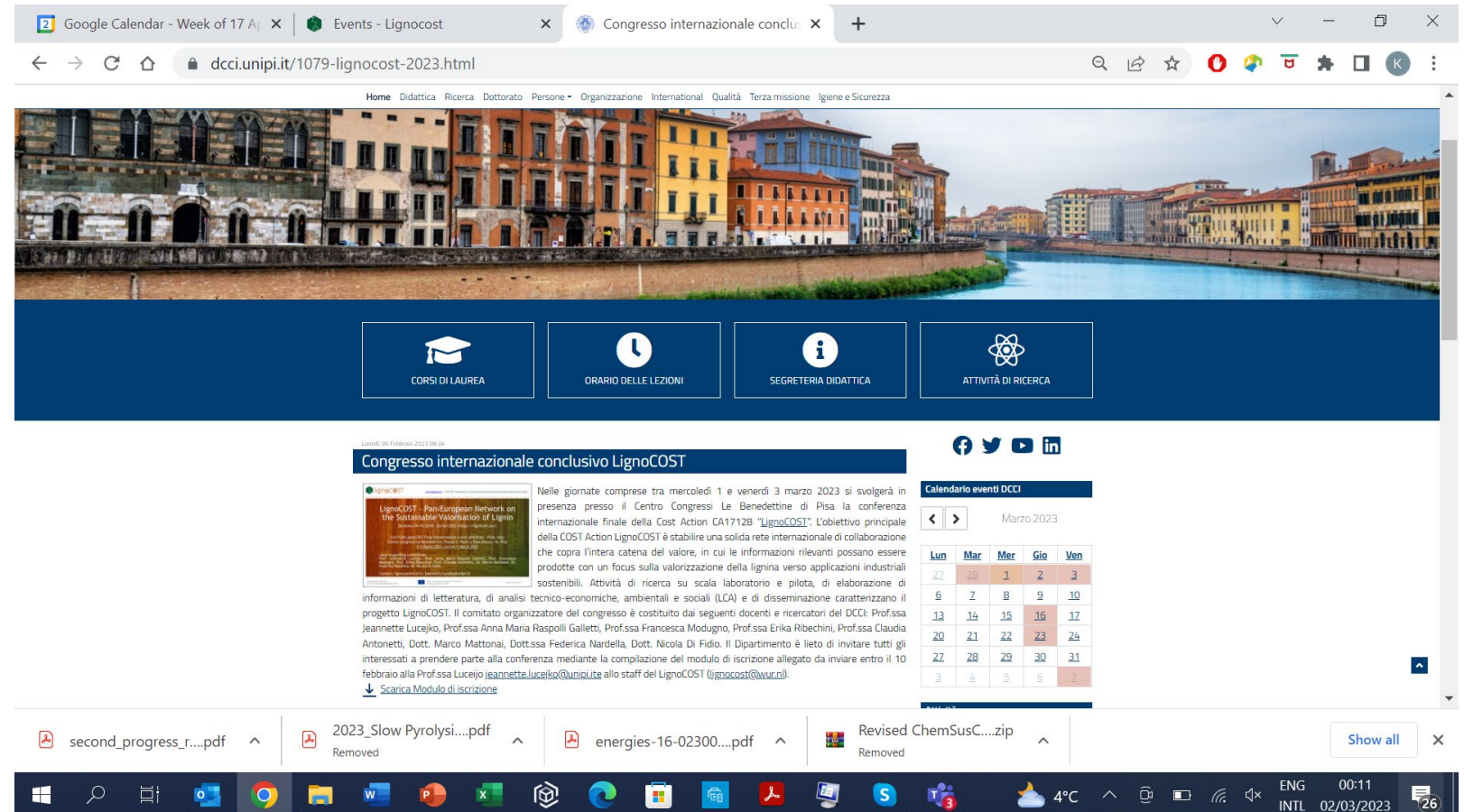


LignoCOST - Pan-European Network on the Sustainable Valorisation of Lignin  
Duration 04/10/2018 - 03/04/2023

# CA17128 LignoCOST

## Final Dissemination Event 2-3 March, Pisa, Italy

Centro congressi Le Benedettine  
Piazza S. Paolo a Ripa D'Arno, 16, Pisa



Google Calendar - Week of 17 A | Events - Lignocost | Congresso internazionale conclu: x

dcci.unipi.it/1079-lignocost-2023.html

Home Didattica Ricerca Dottorato Persone Organizzazione International Qualità Terza missione Igiene e Sicurezza

CORSI DI LAUREA ORARIO DELLE LEZIONI SEGRETARIA DIDATTICA ATTIVITÀ DI RICERCA

Lunedì, 06 Febbraio 2023 09:34

### Congresso internazionale conclusivo LignoCOST

Nelle giornate comprese tra mercoledì 1 e venerdì 3 marzo 2023 si svolgerà in presenza presso il Centro Congressi Le Benedettine di Pisa la conferenza internazionale finale della Cost Action CA17128 "LignoCOST". L'obiettivo principale della Cost Action LignoCOST è stabilire una solida rete internazionale di collaborazione che copra l'intera catena del valore, in cui le informazioni rilevanti possano essere prodotte con un focus sulla valorizzazione della lignina verso applicazioni industriali sostenibili. Attività di ricerca su scala laboratorio e pilota, di elaborazione di informazioni di letteratura, di analisi tecnico-economiche, ambientali e sociali (LCA) e di disseminazione caratterizzano il progetto LignoCOST. Il comitato organizzatore del congresso è costituito dai seguenti docenti e ricercatori del DCCI: Prof.ssa Jeannette Lucejko, Prof.ssa Anna Maria Raspolli Galletti, Prof.ssa Francesca Modugno, Prof.ssa Erika Ribechini, Prof.ssa Claudia Antonetti, Dott. Marco Mattonai, Dott.ssa Federica Nardiella, Dott. Nicola Di Fidio. Il Dipartimento è lieto di invitare tutti gli interessati a prendere parte alla conferenza mediante la compilazione del modulo di iscrizione allegato da inviare entro il 10 febbraio alla Prof.ssa Lucejko [jeannette.lucejko@unipi.it](mailto:jeannette.lucejko@unipi.it) allo staff del LignoCOST [lignocost@unipi.it](mailto:lignocost@unipi.it).

Scarica Modulo di iscrizione

Calendario eventi DCCI

Lun	Mar	Mer	Gio	Ven
27	28	1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	31

second\_progress\_r...pdf 2023\_Slow Pyrolysi...pdf energies-16-02300...pdf Revised ChemSusC...zip

Windows taskbar: 4°C, 00:11, 02/03/2023



COST is supported by the EU Framework Programme Horizon 2020



<https://lignocost.eu/events/ca17128-lignocost-final-dissemination-event-physical/>





## Dissemination activities



The banner features a background image of a forest with tall, thin trees. The lignoCOST logo is positioned in the upper right. The main text is centered and reads: 'Lignin conference', 'May 31 – June 3, 2022 in Wageningen (NL)', and 'Organised by CA17128 LignoCOST'. At the bottom, there are four logos: Wageningen University & Research, the European Union flag with the text 'Funded by the European Union', the COST logo with 'EUROPEAN COOPERATION IN SCIENCE & TECHNOLOGY', and the VLAG logo with 'The Graduate School' above it.

 lignoCOST

# Lignin conference

May 31 – June 3, 2022 in Wageningen (NL)

Organised by CA17128 LignoCOST

 **WAGENINGEN**  
UNIVERSITY & RESEARCH

 **Funded by  
the European Union**

 **cost**  
EUROPEAN COOPERATION  
IN SCIENCE & TECHNOLOGY

 *The Graduate School*  
**VLAG**

<https://lignocost.eu/events/ca17128-lignocost-lignin-conference-meeting-organised-by-wageningen-food-biobased-research-wageningen-nl/>

## Dissemination activities



www.lignocost.eu | CA17128 - Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin

# Virtual Workshop “Lignin based asphalt”

20 February 2023  
Hosted by LignoCity, RISE, WFBR

TRL increase; applicable in various countries

- Lignin supplier
- Upgrading of lignin quality
- Asphalt producer
- Pavement
- Monitoring



Meeting Registration



**Topic** Lignin based asphalt

**Description** On behalf of RISE, WFBR and the LignoCOST network we kindly thank you for your willingness to contribute this virtual event. Based on the availability of all speakers we selected Monday 20 February 2023 from 13.00 – 17.00 (CET) for this event. We are really glad that we can welcome a nice line up of key speakers in this evolving topic. We prepared a draft program, please add or adjust the title of your presentation if needed.  
Presentations are scheduled for 15 min + 5 min discussion (20 min max). The objective of this workshop is to get an actual overview of all activities ongoing on this Lignin based asphalt topic and to get feedback from actors about challenges, hurdles, needs to further develop this value chain to a commercial application.

**Program in short:**

- 13.00 Introduction workshop, announcement speakers and objectives (Richard Gosseink, chair LignoCOST)
- 13.15 Heikki Lotti, Stora Enso (SE), Lignin production and use in asphalt applications in Europe
- 13.35 Peep Pitk, Fibenol (EE), Lignin production and use in asphalt application in Estonia
- 13.55 Ralph Venema, Asphalt Knowledge Centre (AKC, NL), Status biobased asphalt in The Netherlands
- 14.15 Biobreak
- 14.25 Mats Wendel, PEAB (SE), Lignin in asphalt, experience in Sweden and Finland
- 14.45 Natacha Mongeau, FPInnovations (CA), Lignin based asphalt trials and achievements in Canada
- 15.05 Martin Junginger, Utrecht University (NL), LCA and TEA of lignin based asphalt, experiences from The Netherlands
- 15.25 Biobreak
- 15.35 Start interactive workshop and introduction (Per Tomani, RISE)

**Time** Feb 20, 2023 01:00 PM in Stockholm



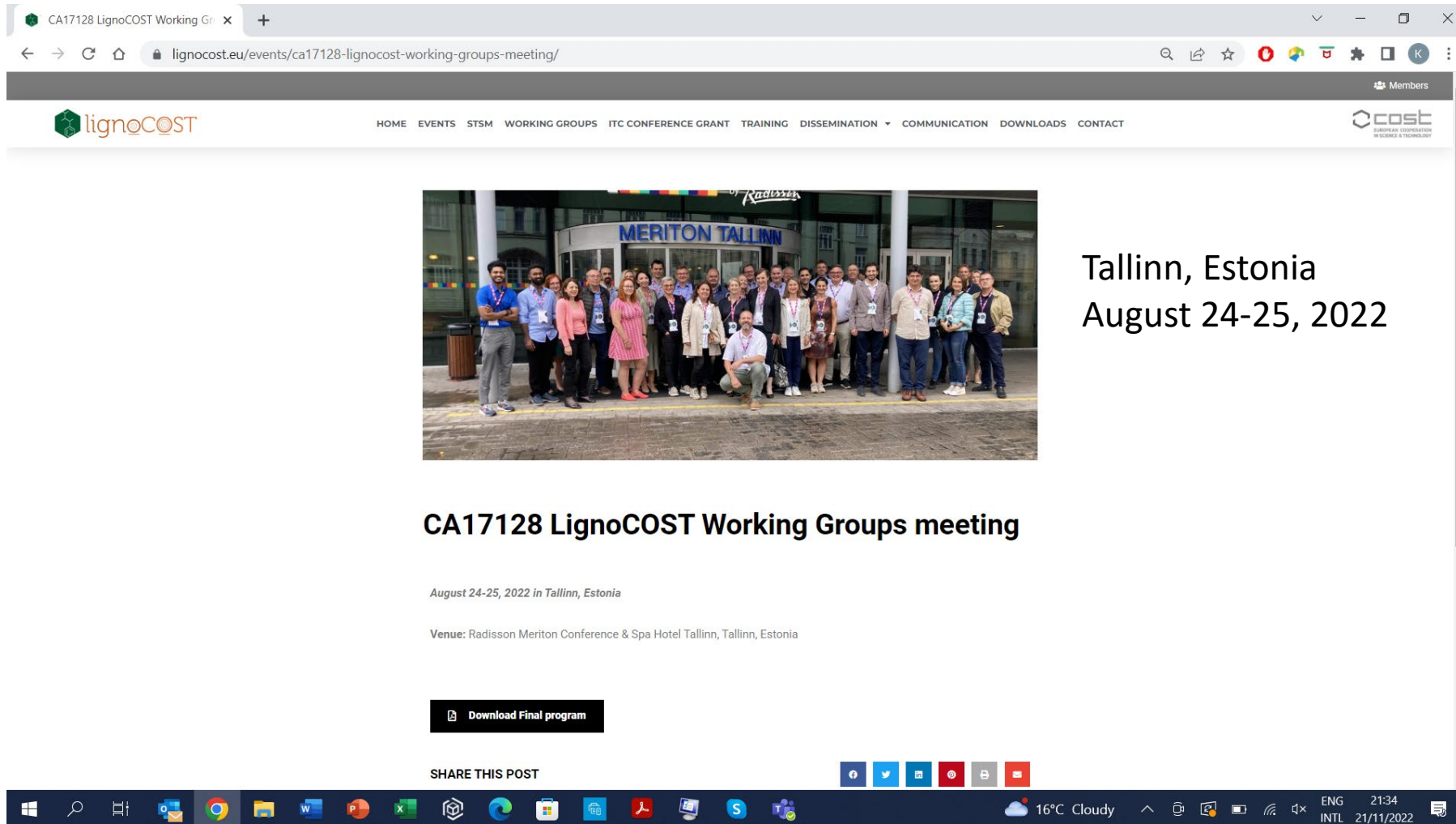
First Name\*

Last Name\*





# Dissemination activities




CA17128 LignoCOST Working Gr x

lignocost.eu/events/ca17128-lignocost-working-groups-meeting/

Members

HOME EVENTS STSM WORKING GROUPS ITC CONFERENCE GRANT TRAINING DISSEMINATION COMMUNICATION DOWNLOADS CONTACT

cost  
EUROPEAN COOPERATION  
IN SCIENCE & TECHNOLOGY



Tallinn, Estonia  
August 24-25, 2022

## CA17128 LignoCOST Working Groups meeting

August 24-25, 2022 in Tallinn, Estonia

Venue: Radisson Meriton Conference & Spa Hotel Tallinn, Tallinn, Estonia

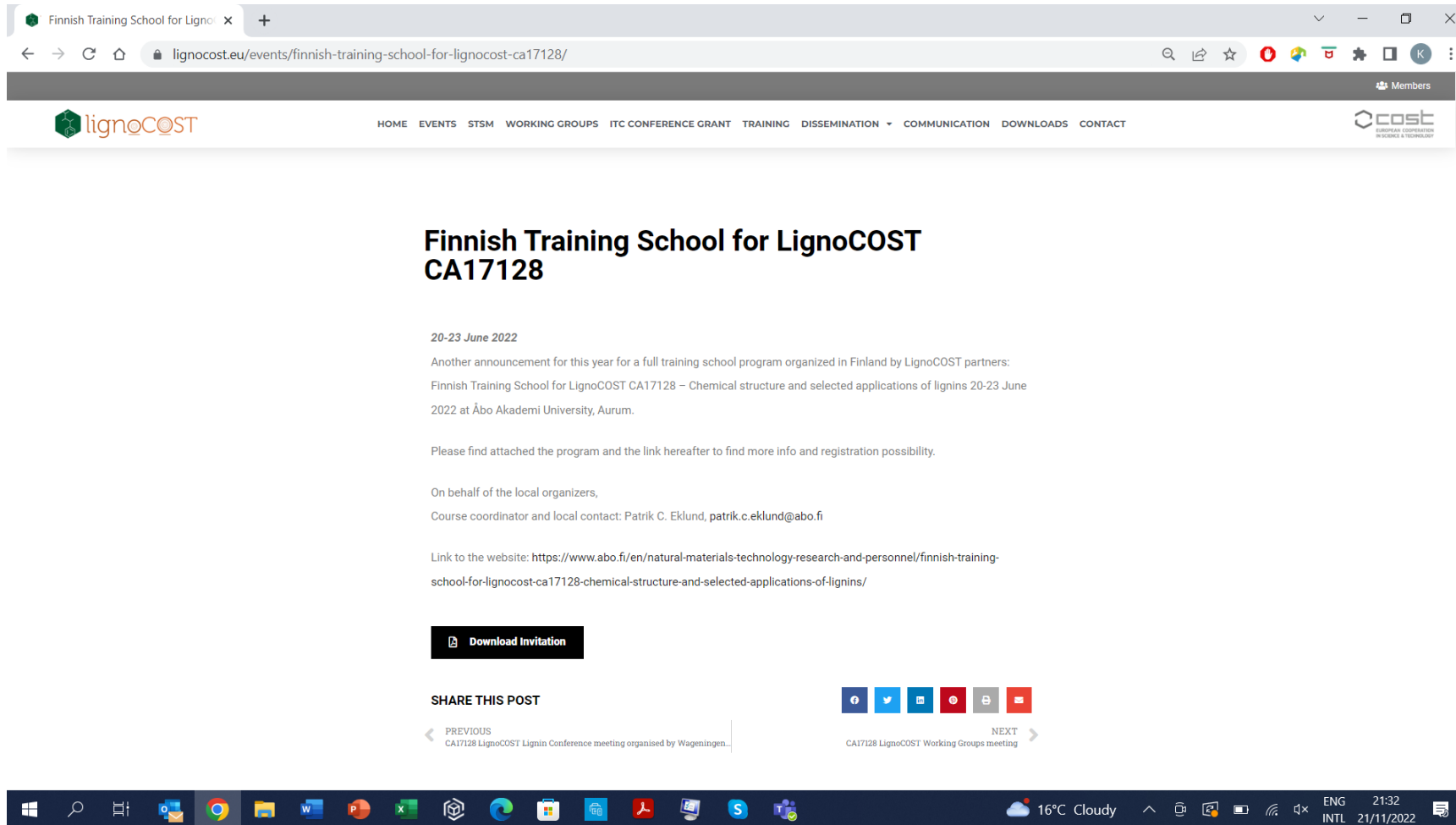
Download Final program

SHARE THIS POST

16°C Cloudy 21:34  
INTL 21/11/2022

<https://lignocost.eu/events/ca17128-lignocost-working-groups-meeting/>

## Dissemination activities



The screenshot shows a web browser window displaying the LignoCOST website. The page title is "Finnish Training School for LignoCOST CA17128". The content includes the date "20-23 June 2022", a description of the training school program organized in Finland, and contact information for the course coordinator, Patrik C. Eklund. There is a "Download Invitation" button and social media sharing options. The browser's address bar shows the URL: <https://lignocost.eu/events/finnish-training-school-for-lignocost-ca17128/>. The Windows taskbar at the bottom shows the system tray with the date 21/11/2022 and time 21:32.

<https://lignocost.eu/events/finnish-training-school-for-lignocost-ca17128/>

<https://www.abo.fi/en/natural-materials-technology-research-and-personnel/finnish-training-school-for-lignocost-ca17128-chemical-structure-and-selected-applications-of-lignins/>

[https://www.linkedin.com/posts/chu nlin-xu-35a53311\\_finnish-training-school-for-lignocost-ca17128-activity-6944522354093916160-mhSI?utm\\_source=share&utm\\_medium=member\\_ios](https://www.linkedin.com/posts/chu nlin-xu-35a53311_finnish-training-school-for-lignocost-ca17128-activity-6944522354093916160-mhSI?utm_source=share&utm_medium=member_ios)



## Dissemination activities - publications - Reviews

### ❖ Publications with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST

1. T. I. Korányi, B. Fridrich, A. Pineda, K. Barta, “Development of ‘Lignin-First’ Approaches for the Valorization of Lignocellulosic Biomass” Review, *Molecules* 2020, 25, 2815; <https://doi.org/10.3390/molecules25122815> (Hungary, The Netherlands, Spain, Austria)
2. “Sustainable Lignin Valorization - Technical Lignin, processes and market development”, IEA Bioenergy: Task 42 <https://task42.ieabioenergy.com/publications/sustainable-lignin-valorization/> A report on Lignin valorization as a result of the collaboration between IEA Bioenergy Task 42 and LignoCOST (2021).
3. Dimitrios A. Giannakoudakis, Foteini F. Zormpa, Antigoni G. Margellou, Abdul Qayyum, Ramón Fernando Colmenares-Quintero, Christophe Len, Juan Carlos Colmenares, Konstantinos S. Triantafyllidis, “Carbon-Based Nanocatalysts (CnCs) for Biomass Valorization and Hazardous Organics Remediation” *Nanomaterials* 2022, 12, 1679. <https://doi.org/10.3390/nano12101679> (Greece, Poland, France, Colombia).
4. Christina Pappa, Elias Feghali, Karolien Vanbroekhoven, Konstantinos S. Triantafyllidis, “Recent advances in epoxy resins and composites derived from lignin and related bio-oils” *Current Opinion in Green and Sustainable Chemistry* 2022, 38:100687, <https://doi.org/10.1016/j.cogsc.2022.100687> Review paper (Greece, Belgium)
5. J. Gracia-Vitoria, S. Corderí Gándara, E. Feghali, P. Ortiz, W. Eevers, K. S. Triantafyllidis, K. Vanbroekhoven, “The chemical and physical properties of lignin bio-oils, facts and needs”, *Current Opinion in Green and Sustainable Chemistry* 2023, 40:100781, <https://doi.org/10.1016/j.cogsc.2023.100781> Review paper (Belgium, Lebanon, Spain, Greece).
6. Ludmila Martínková, Michal Grulich, Miroslav Pátek, Barbora Krístková, Margit Winkler, “Bio-Based Valorization of Lignin-Derived Phenolic Compounds: A Review”, *Biomolecules* 2023, 13, 717. <https://doi.org/10.3390/biom13050717>

### ❖ Publications with co-authors from one LignoCOST Action member country, acknowledging LignoCOST

1. A. Margellou, K.S. Triantafyllidis, “Catalytic Transfer Hydrogenolysis Reactions for Lignin Valorization to Fuels and Chemicals” Review, *Catalysts* 2019, 4, 43; doi:10.3390/catal4010043 <https://www.mdpi.com/2073-4344/9/1/43> (Greece)

## Dissemination activities - publications

### ❖ Publications with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (1 of 7)

- 1) I. Charisteidis, P. Lazaridis, A. Fotopoulos, E. Pachatouridou, L. Matsakas, U. Rova, P. Christakopoulos, K. Triantafyllidis, “Catalytic Fast Pyrolysis of Lignin Isolated by Hybrid Organosolv–Steam Explosion Pretreatment of Hardwood and Softwood Biomass for the Production of Phenolics and Aromatics”, *Catalysts* 2019, 9, 935; doi:10.3390/catal9110935; <https://www.mdpi.com/2073-4344/9/11/935> (Greece, Sweden)
- 2) M. Goliszek, A. Ewa Wiacek, M. Wawrzekiewicz, O. Sevastyanova, B. Podkościelna, “The impact of lignin addition on the properties of hybrid microspheres based on trimethoxyvinylsilane and divinylbenzene”, *European Polymer Journal* 120 (2019) 109200, <https://doi.org/10.1016/j.eurpolymj.2019.08.027> <https://www.sciencedirect.com/science/article/abs/pii/S0014305719311206> (Poland, Sweden)
- 3) M. Goliszek, B. Podkościelna, O. Sevastyanova, B. Gawdzik, A. Chabros, “The Influence of Lignin Diversity on the Structural and Thermal Properties of Polymeric Microspheres Derived from Lignin, Styrene, and/or Divinylbenzene”, *Materials* 2019, 12, 2847; doi:10.3390/ma12182847 <https://www.mdpi.com/1996-1944/12/18/2847> (Poland, Sweden)
- 4) P. Bartocci, R. Tschentscher, R. E. Stensrød, M. Barbanera, F. Fantozzi, “Kinetic Analysis of Digestate Slow Pyrolysis with the Application of the Master-Plots Method and Independent Parallel Reactions Scheme”, *Molecules* 2019, 24, 1657; doi:10.3390/molecules24091657 <https://www.mdpi.com/1420-3049/24/9/1657> (Italy, Norway)
- 5) M. Kurańska, J.A. Pintob,, K. Salach, M.F. Barreirob, A. Prociak, “Synthesis of thermal insulating polyurethane foams from lignin and rapeseed based polyols: A comparative study”, *Industrial Crops & Products* 143 (2020) 111882. <https://doi.org/10.1016/j.indcrop.2019.111882> (Poland, Portugal).



## Dissemination activities - publications

### ❖ Publications with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (2 of 7)

- 6) Van Erven, G., Wang, J., Sun, P., De Waard, P., Van Der Putten, J., Frissen, G. E., Gosselink, R. J. A., Zinovyev, G., Potthast, A., Van Berkel, W. J. H. & Kabel, M. A., “*Structural Motifs of Wheat Straw Lignin Differ in Susceptibility to Degradation by the White-Rot Fungus Ceriporiopsis subvermispora*”. ACS Sustainable Chemistry and Engineering. 7(24) (2019) 20032-20042. <https://doi.org/10.1021/acssuschemeng.9b05780> (The Netherlands, Austria)
- 7) Ramón Fernando Colmenares-Quintero, Camilo José Rico-Cruz, Kim E. Stansfield & Juan Carlos Colmenares-Quintero, “*Assessment of biofuels production in Colombia*”, Cogent Engineering, 7:1, (2020) DOI: 10.1080/23311916.2020.1740041 <https://www.tandfonline.com/doi/full/10.1080/23311916.2020.1740041> (Colombia, Poland)
- 8) Roelant Hilgers, Gijs van Erven, Vincent Boerkamp, Irina Sulaeva, Antje Potthast, Mirjam A. Kabel, Jean-Paul Vincken. “*Understanding laccase/HBT-catalyzed grass delignification at the molecular level*”, Green Chem., 22 (2020) 1735-1746. [doi.org/10.1039/C9GC04341A](https://doi.org/10.1039/C9GC04341A) (The Netherlands, Austria)
- 9) Marta Goliszek, Beata Podkoscielna, Tomasz Klepka, Olena Sevastyanova. “Preparation, Thermal, and Mechanical Characterization of UV-Cured Polymer Biocomposites with Lignin” Polymers 12 (2020) 1159; doi:10.3390/polym12051159 (Poland, Sweden).
- 10) João A. Pinto, Miguel A. Prieto, Isabel C.F.R. Ferreira, Mohamed N. Belgacem, Alírio E. Rodrigues, Maria Filomena Barreiro. “Analysis of the oxypropylation process of a lignocellulosic material, almond shell, using the response surface methodology (RSM)”, Industrial Crops & Products 153 (2020) 112542. <https://doi.org/10.1016/j.indcrop.2020.112542> (Portugal, France)
- 11) T. I. Korányi, B. Fridrich, A. Pineda, K. Barta, “Development of ‘Lignin-First’ Approaches for the Valorization of Lignocellulosic Biomass” Review, Molecules 2020, 25, 2815; <https://doi.org/10.3390/molecules25122815> (Hungary, The Netherlands, Spain, Austria)

## Dissemination activities - publications

### ❖ Publications with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (3 of 7)

- 12) Marta Goliszek, Dorota Kołodzinska, Ievgen V. Pylypchuk, Olena Sevastyanova, Beata Podkoscielna, “*Synthesis of lignin-containing polymer hydrogels with tunable properties and their application in sorption of nickel(II) ions*”. Industrial Crops and Products, Volume 164, June 2021, 113354 <https://doi.org/10.1016/j.indcrop.2021.113354> (Poland, Sweden).
- 13) Ramón Fernando Colmenares-Quintero, Germán David Góez-Sánchez, Juan Carlos Colmenares-Quintero, Luis Fernando Latorre-Noguera & Damian Kasperczyk, «Application of a simulation tool based on a bioinspired algorithm for optimisation of distributed power generation systems», Cogent Engineering (2021), 8: 1909791 (Colombia, Poland) <https://doi.org/10.1080/23311916.2021.1909791>
- 14) Nicola Di Fidio, Johan W. Timmermans, Claudia Antonetti, Anna Maria Raspolli Galletti, Richard J. A. Gosselink, Roel J. M. Bisselink, Ted M. Slaghek, “*Electro-oxidative depolymerisation of technical lignin in water using platinum, nickel oxide hydroxide and graphite electrodes*”. New J. Chem., 2021, 45, 9647 (Italy, Netherlands), <https://pubs.rsc.org/en/content/articlehtml/2021/nj/d1nj01037a>
- 15) Pavletta Shestakova, Margarita Popova, Ágnes Szegedi, Hristina Lazarova, Thi Kim Nga Luong, Ivalina Trendafilova, Judith Mihaly, Tatjana N. Parac-Vogt, “*Hybrid catalyst with combined Lewis and Brønsted acidity based on ZrIV substituted polyoxometalate grafted on mesoporous MCM-41 silica for esterification of renewable levulinic acid*”. Microporous and Mesoporous Materials 323 (2021) 111203; DOI: 10.1016/j.micromeso.2021.111203; <https://doi.org/10.1016/j.micromeso.2021.111203> (Bulgaria, Hungary, Vietnam, Belgium)
- 16) M. Popova, Á. Szegedi, M. Oykova, H. Lazarova, N. Koseva, M. R. Mihályi, P. Shestakova, “*Selective Production of Phenol on Bifunctional, Hierarchical ZSM-5 Zeolites*”, Molecules 2021, 26(12), 3576; DOI: 10.3390/molecules26123576; <https://doi.org/10.3390/molecules26123576> (Bulgaria, Hungary).

## Dissemination activities - publications

### ❖ Publications with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (4 of 7)

17) R.F. Colmenares-Quintero, J.C. Colmenares-Quintero, O.C. Valderrama-Riveros, F. Macho, K.E. Stansfiel, “Renewable energy smart sensing system monitoring for off-grid vulnerable community in Colombia”, Cogent Engineering 2021, 8:1, 1936372, DOI: 10.1080/23311916.2021.1936372 <https://www.tandfonline.com/doi/full/10.1080/23311916.2021.1936372> (Colombia, Poland, Spain, UK).

18) Łucejko, J.J.; de Lamotte, A.; Andriulo, F.; Kutzke, H.; Harding, S.; Phillips-Jones, M.; Modugno, F.; Slaghek, T.M.; Gosselink, R.J.A.; Braovac, S. “Evaluation of Soda Lignin from Wheat Straw/Sarkanda Grass as a Potential Future Consolidant for Archaeological Wood” Forests 2021, 12, 911. <https://doi.org/10.3390/f12070911> (IT, UK, NO, NL).

19) Ricardo M. F. da Costa, Ana Winters, B. Hauck, D. Martín, M. Bosch, R. Simister, L.D. Gomez, L.A.E. Batista de Carvalho, J.M. Canhoto, “Biorefining Potential of Wild-Grown Arundo donax, Cortaderia selloana and Phragmites australis and the Feasibility of White-Rot Fungi-Mediated Pretreatments” Front. Plant Sci. 2021, 12:679966. <https://doi.org/10.3389/fpls.2021.679966> (Portugal, UK)

20) Lu, Y., Joosten, L., Donkers, J., Andriulo, F., Slaghek, T.M., Phillips-Jones, M.K., Gosselink, R.J.A., Harding, S.E. “Characterisation of mass distributions of solvent-fractionated lignins using analytical ultracentrifugation and size exclusion chromatography methods”. Sci Rep 11, 13937 (2021). <https://doi.org/10.1038/s41598-021-93424-0> (Norway, UK, The Netherlands)

21) A.G. Margellou, P.A. Lazaridis, I.D. Charisteidis, C.K. Nitsos, C.P. Pappa, A.P. Fotopoulos, S. Van den Bosch, B.F. Sels, K.S. Triantafyllidis, “Catalytic fast pyrolysis of beech wood lignin isolated by different biomass (pre)treatment processes: Organosolv, hydrothermal and enzymatic hydrolysis”, Applied Catalysis A, General 623 (2021) 118298 <https://doi.org/10.1016/j.apcata.2021.118298> (Greece, Belgium)

22) “Sustainable Lignin Valorization - Technical Lignin, processes and market development”, IEA Bioenergy: Task 42 <https://task42.ieabioenergy.com/publications/sustainable-lignin-valorization/>

A report on Lignin valorization as a result of the collaboration between IEA Bioenergy Task 42 and LignoCOST (2021).



## Dissemination activities - publications

### ❖ Publications with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (5 of 7)

- 23) Eid Gul, Khalideh Al Bkour Alrawashdeh, Ondrej Masek, Øyvind Skreiberg, Andrea Corona, Mauro Zampilli, Liang Wang, Petros Samaras, Qing Yang, Hewen Zhou, Pietro Bartocci, Francesco Fantozzi, “Production and use of biochar from lignin and lignin-rich residues (such as digestate and olive stones) for wastewater treatment”, *Journal of Analytical and Applied Pyrolysis* 158 (2021) 105263 <https://doi.org/10.1016/j.jaap.2021.105263> (Italy, UK, Jordan, Norway, Greece, Spain USA, China).
- 24) Beata Podkoscielna, Mateusz Gargol, Marta Goliszek, Tomasz Klepka, Olena Sevastyanova, Degradation and flammability of bioplastics based on PLA and lignin, *Polymer Testing* 111 (2022) 107622, <https://doi.org/10.1016/j.polymertesting.2022.107622> (Poland, Sweden).
- 25) Dimitrios A. Giannakoudakis, Foteini F. Zormpa, Antigoni G. Margellou, Abdul Qayyum, Ramón Fernando Colmenares-Quintero, Christophe Len, Juan Carlos Colmenares, Konstantinos S. Triantafyllidis, “Carbon-Based Nanocatalysts (CnCs) for Biomass Valorization and Hazardous Organics Remediation” *Nanomaterials* 2022, 12, 1679. <https://doi.org/10.3390/nano12101679> (Greece, Poland, France, Colombia).
- 26) Ricardo M. F. da Costa, Ana Winters, Barbara Hauck, Daniel Martín, Maurice Bosch, Rachael Simister, Leonardo D. Gomez, Luís A. E. Batista de Carvalho, Jorge M. Canhoto, “Biorefining Potential of Wild-Grown *Arundo donax*, *Cortaderia selloana* and *Phragmites australis* and the Feasibility of White-Rot Fungi-Mediated Pretreatments”, *Front. Plant Sci.* 12:679966. doi:10.3389/fpls.2021.679966 <https://www.frontiersin.org/articles/10.3389/fpls.2021.679966/full> (Portugal, UK)
- 27) Ricardo M. F. da Costa, Maurice Bosch, Rachael Simister, Leonardo D. Gomez, Jorge M. Canhoto, Luís A. E. Batista de Carvalho, “Valorisation Potential of Invasive *Acacia dealbata*, *A. longifolia* and *A. melanoxylon* from Land Clearings”, *Molecules* 2022, 27, 7006. <https://doi.org/10.3390/molecules27207006> (Portugal, UK)
- 28) Jaroslava Švarc-Gajic, Tanja Brezo-Borjan, Richard J. A. Gosselink, Ted M. Slaghek, Daniela Šojic-Merkulov, Tamara Ivetic, Szabolcs Bognár, Zorica Stojanovic, “Optimization and Potentials of Kraft Lignin Hydrolysates Obtained by Subcritical Water at Moderate Temperatures”, *Processes* 2022, 10, 2049. <https://doi.org/10.3390/pr10102049> (Serbia, The Netherlands)

## Dissemination activities - publications

### ❖ Publications with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (6 of 7)

- 29) Filipe H. B. Sosa, Ana Bjelić, João A. P. Coutinho, Mariana C. Costa, Blaž Likozar, Edita Jasiukaitytė-Grojzdek, Miha Grilc, Andre M. da Costa Lopes, “Conversion of Organosolv and Kraft lignins into value-added compounds assisted by an acidic deep eutectic solvent”, Sustainable Energy Fuels, 2022,6, 4800-4815. <https://doi.org/10.1039/D2SE00859A> (Slovenia, Sweden, Spain)
- 30) Oihana Gordobil, Huisi Li, Ana Ayerdi Izquierdo, Ainhoa Egizabal, Olena Sevastyanova, Anna Sandak, “Surface chemistry and bioactivity of colloidal particles from industrial kraft lignins”, International Journal of Biological Macromolecules 220 (2022) 1444-1453 <https://doi.org/10.1016/j.ijbiomac.2022.09.111> (Slovenia, Brazil, Portugal)
- 31) Ana Lourenço, Dragana Kukić, Vesna Vasić, Ricardo A. Costa, Mirjana Antov, Marina Šćiban, Jorge Gominho, “Valorisation of Lignocellulosic Wastes, the Case Study of Eucalypt Stumps Lignin as Bioadsorbent for the Removal of Cr(VI)”, Molecules 2022, 27, 6246. <https://doi.org/10.3390/molecules27196246> (Portugal, Serbia)
- 32) Christina Pappa, Elias Feghali, Karolien Vanbroekhoven, Konstantinos S. Triantafyllidis, “Recent advances in epoxy resins and composites derived from lignin and related bio-oils” Current Opinion in Green and Sustainable Chemistry 2022, 38:100687, <https://doi.org/10.1016/j.cogsc.2022.100687> Review paper (Greece, Belgium)
- 33) J. Gracia-Vitoria, S. Corderí Gándara, E. Feghali, P. Ortiz, W. Eevers, K. S. Triantafyllidis, K. Vanbroekhoven, “The chemical and physical properties of lignin bio-oils, facts and needs”, Current Opinion in Green and Sustainable Chemistry 2023, 40:100781, <https://doi.org/10.1016/j.cogsc.2023.100781> Review paper (Belgium, Lebanon, Spain, Greece)
- 34) Matiss Pals, Maris Lauberts, Douwe S. Zijlstra, Jevgenija Ponomarenko, Alexandr Arshanitsa, Peter J. Deuss, “Mild Organosolv Delignification of Residual Aspen Bark after Extractives Isolation as a Step in Biorefinery Processing Schemes”, Molecules 2022, 27, 3185. <https://doi.org/10.3390/molecules27103185> (Latvia, The Netherlands)
- 35) Mert Yildirim, Zeki Candan, Burak Aksoy, Turker Dundar, “Performance properties of engineered wood composites reinforced by lignosulfonates”, Green Materials, 2022, <https://doi.org/10.1680/jgrma.21.00069>



## Dissemination activities - publications

### ❖ Publications with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (7 of 7)

36) Vita Halysh, Juan Miguel Romero-García, Alfonso M. Vidal, Tetiana Kulik, Borys Palianytsia, Minerva García, Eulogio Castro, “Apricot Seed Shells and Walnut Shells as Unconventional Sugars and Lignin Sources”, *Molecules* 2023, 28, 1455. <https://doi.org/10.3390/molecules28031455> (Ukraine, Spain, Mexico)

37) Marta Goliszek, Beata Podkościelna, Nataliia Smyk and Olena Sevastyanova, “Towards lignin valorization: lignin as a UV-protective bio-additive for polymer coatings”, *Pure Appl. Chem.* 2023; aop, <https://doi.org/10.1515/pac-2022-1209> (Poland, Sweden)

38) Ludmila Martínková, Michal Grulich, Miroslav Pátek, Barbora Krátková, Margit Winkler, “Bio-Based Valorization of Lignin-Derived Phenolic Compounds: A Review”, *Biomolecules* 2023, 13, 717. <https://doi.org/10.3390/biom13050717>

## Dissemination activities - publications

### ❖ Publications with co-authors from one LignoCOST Action member country, acknowledging LignoCOST (1 of 2)

- 1) A. Margellou, K.S. Triantafyllidis, “Catalytic Transfer Hydrogenolysis Reactions for Lignin Valorization to Fuels and Chemicals” Review, Catalysts 2019, 4, 43; doi:10.3390/catal4010043 <https://www.mdpi.com/2073-4344/9/1/43> (Greece)
- 2) M. Goliszek, B. Podkościelna, “Synthesis and characterization of polymer biocomposites with lignin”, Physicochem. Probl. Miner. Process., 55(6), 2019, 1375-1381. DOI: 10.5277/ppmp19055. <http://www.journalssystem.com/ppmp/> (Poland)
- 3) C.A. Vega-Aguilar, M. F. Barreiro, A.E.Rodrigues, “Catalytic wet peroxide oxidation of vanillic acid as a lignin model compound towards the renewable production of dicarboxylic acids”, Chemical Engineering Research and Design, 159 (2020) 115-124, <https://doi.org/10.1016/j.cherd.2020.04.021> (Portugal)
- 4) T. M. Budnyak, A. Slabon, M. H. Sipponen, “Lignin-Inorganic Interfaces: Chemistry and Applications from Adsorbents to Catalysts and Energy Storage Materials” Review, ChemSusChem 2020, 13, 4344 - 4355, <https://doi.org/10.1002/cssc.202000216> (Sweden)
- 5) Ana L. Popovic, Jelena D. Rusmirovic, Zlate Velickovic, Tihomir Kovacevic, Aleksandar Jovanovic, Ilija Cvijetic, Aleksandar D. Marinkovic, “Kinetics and column adsorption study of diclofenac and heavy-metal ions removal by amino-functionalized lignin microspheres”, Journal of Industrial and Engineering Chemistry 93 (2021) 302-314 <https://doi.org/10.1016/j.jiec.2020.10.006> (Serbia)
- 6) I.V. Pylypchuk, A.Riazanova, M.E. Lindströma, O. Sevastyanova, “Structural and molecular-weight-dependency in the formation of lignin nanoparticles from fractionated soft- and hardwood lignins”, Green Chemistry, 2021, DOI: 10.1039/d0gc04058d <https://pubs.rsc.org/en/content/articlelanding/2021/gc/d0gc04058d#!divAbstract> (Sweden)
- 7) Carlos A. Vega-Aguilar, M. Filomena Barreiro, Alírio E. Rodrigues, “Effect of Methoxy Substituents on Wet Peroxide Oxidation of Lignin and Lignin Model Compounds: Understanding the Pathway to C4 Dicarboxylic Acids”, Ind. Eng. Chem. Res. 2021, 60, 3543–3553 <https://dx.doi.org/10.1021/acs.iecr.0c05085> (Portugal)



## Dissemination activities - publications

### ❖ Publications with co-authors from one LignoCOST Action member country, acknowledging LignoCOST (2 of 2)

- 8) João A. Pinto, Isabel P. Fernandes, Virginia D. Pinto, Elson Gomes, Cátia F. Oliveira, Paula C. R. Pinto, Luís M. R. Mesquita, Paulo A. G. Piloto, Alírio E. Rodrigues, Maria-Filomena Barreiro, “Valorization of Lignin Side-Streams into Polyols and Rigid Polyurethane Foams—A Contribution to the Pulp and Paper Industry Biorefinery”, *Energies* 2021, 14, 3825; <https://www.mdpi.com/1996-1073/14/13/3825> (Portugal)
- 9) Khaled N.M. Khalili, Peter de Peinder, Jacqueline Donkers, Richard J. A. Gosselink, Pieter C. A. Bruijninx, Bert M. Weckhuysen, “Monitoring Molecular Weight Changes during Technical Lignin Depolymerization by Operando Attenuated Total Reflection-Infrared Spectroscopy and Chemometrics”, *ChemSusChem*, Nov. 2021 <https://doi.org/10.1002/cssc.202101853> (The Netherlands)
- 10) Peter Kis, Eva Horváthová, Eliška Gálová, Andrea Ševcovicová, Veronika Antalová, Elena Karnišová Potocká, Vladimír Mastihuba, Mária Mastihubov, “Synthesis of Tyrosol and Hydroxytyrosol Glycofuranosides and Their Biochemical and Biological Activities in Cell-Free and Cellular Assays”, *Molecules* 2021, 26, 7607. <https://doi.org/10.3390/molecules26247607> (Slovakia)
- 11) Hegne Pupart, Piia Jõul , Melissa Ingela Bramanis and Tiit Lukk, “Characterization of the Ensemble of Lignin-Remodeling DyP-Type Peroxidases from *Streptomyces coelicolor* A3(2)”, *Energies* 2023, 16, 1557. <https://doi.org/10.3390/en16031557> (Estonia)
- 12) Christina Pappa, Stylianos Torofias, Konstantinos Triantafyllidis, “Sub-micro Organosolv lignin as bio-based epoxy polymer component: A sustainable curing agent and additive”, *ChemSusChem* 2023, e202300076, <https://doi.org/10.1002/cssc.202300076> (Greece)
- 13) Lourenço A, Gominho J. Lignin as feedstock for nanoparticles production. Chapter of the Book *Lignin - Chemistry, structure, and application*. Arpit Sand (Editor), Jaya Tuteja (Co-editor). Publisher: InTechOpen. <http://dx.doi.org/10.5772/intechopen.109267> (Portugal)
- 14) Esin Apaydın Varol, Ülker Mutlu, “TGA-FTIR Analysis of Biomass Samples Based on the Thermal Decomposition Behavior of Hemicellulose, Cellulose, and Lignin”, *Energies* 2023, 16, 3674. <https://doi.org/10.3390/en16093674>

## Dissemination activities - conference presentations

### ❖ Conference presentations with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (1 of 3)

- 1) Richard J.A. Gosselink, Bernard Kurek, Pieter C.A. Bruijninx, Karolien Vanbroekhoven, Per Tomani, Apostolos Koutinas, Filomena Barreiro, Konstantinos S. Triantafyllidis, Tarja Tamminen, Marta Goliszek, Ted M. Slaghek, “LignoCOST - Pan-European Network on the Sustainable Valorisation of Lignin (CA17128)” Online NWBC conference, October 13-15 2020, Stockholm, Sweden  
<https://nwbc2020.se/programme-open/> (Wednesday, October 14, 2020, 13:30-14:00 Q&A Session 4: Lignin)  
[Please view also the video](#)
- 2) Karolien Vanbroekhoven (VITO), Ludo Diels (VITO), Richard Gosselink (WUR), Per Tomani (RISE), Richard Vendamme (VITO), Applications from lignin and its derivatives is there more than burning it? Renewable materials conference May 18, 2021 (online), <https://renewable-materials.eu/programme/>
- 3) Biedermann, D.; Křístková, B.; Pelantová, H.; Petrásková, L.; Sivickis, K.; Burokienė, D.; Martínková, L. “Laccases and tyrosinases as tools for biotransformations of aromatics from renewable sources, XXVI. Annual Congress of Czech and Slovak Societies for Biochemistry and Molecular Biology with cooperation of Austrian and German Biochemical Section, 29/8-1/9-2021, České Budějovice, Czech Republic (Czech Republic, Lithuania)  
[https://csbmb2021.cz/wp-content/uploads/2021/08/CSBMB\\_List-of-posters.pdf](https://csbmb2021.cz/wp-content/uploads/2021/08/CSBMB_List-of-posters.pdf)
- 4) Vesna, M. Vasić\*, Dragana V. Kukić, Marina B. Šćiban, Mirjana G. Antov, Jorge Gominho, Ana Lourenço, Ricardo A. Costa, Duarte M. Neiva, “BLACKBERRY STEM LIGNIN AS A BIOSORBENT FOR REMOVAL OF Cr(VI) IONS FROM WASTEWATER”, 1st TwiNSol-CECs Workshop Advance multicomponent analyses and novel solutions for protection of environmental resources with contaminants of emerging concern in focus, University of Novi Sad, Faculty of Technology Novi Sad, Novi Sad, Serbia, 20-21 October 2022 (Portugal, Serbia) - results from STSM funded by LignoCOST



## Dissemination activities - conference presentations

### ❖ Conference presentations with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (2 of 3)

5) V. Halysh, J.M. Romero Garcia, A.M. Vidal Castro, M. Garcia, E. Castro, A. Nikolaichuk, “The effect of alkaline, acid and steam-explosion pretreatment on chemical composition of walnut shells and apricot seed shells”, Ukrainian Conference with International participation CHEMISTRY, PHYSICS AND TECHNOLOGY OF SURFACE dedicated to the 90th birthday of Academician Aleksey Chuiko (21-22 October 2020, Kyiv, Ukraine) - P. 76 (results from STSM funded by LignoCOST)

6) V. Halysh, J.M. Romero Garcia, A.M. Vidal Castro, E. Castro, T. Kulik, B. Palianytsia, A. Nikolaichuk, M. Kartel, “The effect of alkaline, acid and steam-explosion pretreatment of walnut shells and apricot seed shells on lignin yield”, Ukrainian conference with international participation "CHEMISTRY, PHYSICS AND TECHNOLOGY OF SURFACE" devoted to the 35th anniversary of the Chuiko Institute of Surface Chemistry of NAS of Ukraine and Workshop "NANOSTRUCTURES AND NANOMATERIALS IN MEDICINE: CHALLENGES, TASKS AND PERSPECTIVES" (26-27 May 2021, Kyiv, Ukraine) - P. 127 (results from STSM funded by LignoCOST)

7) Colucci, G.; Gigli, M.; Sgarzi, M.; Rodrigues, A. E.; Crestini, C.; Barreiro, M. F., “Production of lignin Pickering stabilizers using lignin samples from the acetone fractionation process”” 21st ISWFPC International Symposium on Wood, Fiber and Pulp Chemistry, Venice, Italy (July, 2023). Abstract, oral (accepted) - (results from STSM funded by LignoCOST)

8) Federica Nardella, Jens Prothmann, Margareta Sandahl, Marco Mattonai, Erika Ribechini, Charlotta Turner, “Optimization of lignin extraction from woodchips using supercritical fluid extraction (SFE) and CO<sub>2</sub>-expanded liquid extraction (CXLE)” NWBC 2020, online conference (<https://nwbc2020.se/>) - (results from STSM funded by LignoCOST)

## Dissemination activities - conference presentations

### ❖ Conference presentations with co-authors from at least 2 LignoCOST Action member countries, acknowledging LignoCOST (3 of 3)

9) Vasić VM, Kukić DV, Šćiban MB, Antov MG, Gominho J, Lourenço A, Costa RA, Neiva DM. Blackberry stem lignin as a biosorbent for removal of Cr(VI) ions from wastewater. 1st TwiNSOL-CECs Workshop - Advance multicomponent analyses and novel solutions for protection of environmental resources with contaminants of emerging concern in focus. Faculty of Technology Novi Sad, University of Novi Sad, Serbia, 20 to 21 October 2022.

10) Kukić DV, Vasić VM, Costa RA, Neiva DM, Lourenço A, Gominho J, Antov MG, Šćiban MB. Valorization of blackberry agro-residues under the biorefinery concept for wastewater treatment. 2nd International Conference on Advanced Production and Processing. Faculty of Technology Novi Sad, University of Novi Sad, Serbia, 20 to 22 October 2022. Book of abstracts 205.

## Dissemination activities - conference presentations

### ❖ Conference presentations with co-authors from one LignoCOST Action member country, acknowledging LignoCOST (1 of 2)

- 1) Angeliki Kylili, Paris Fokaides, “Lignin valorisation: Life Cycle Assessment considerations for enabling Circular Bioeconomy”, World Sustainable Energy Days 2018 conference, 28 February - 2 March, 2019, Wels, Austria. <http://www.ectp.org/news-events-newsletters/events/event-detail/world-sustainable-energy-days-2018-28-february-2-march-wels-at/> (ITC Conference Grant)
- 2) Konstantinos Triantafyllidis, “Valorization of lignin towards chemicals, fuels and polymers” 2nd International Congress on Biorefineries and Renewable Energies supported in ICT, 17 - 20 February 2020, Bucaramanga, Colombia <https://easychair.org/cfp/BERSTIC2020>
- 3) Nicola Di Fidio, Claudia Antonetti, Anna Maria Raspolli Galletti, “From agroindustrial lignocellulosic wastes to new generation biodiesel: an innovative biorefinery scheme based on the Green Chemistry and the Circular Economy”, VIII Workshop of Green Chemistry Chimica Sostenibile, September 29, online - Italian Chemical Society, Poster presentation of the results obtained from the STSM of Nicola Di Fidio, funded by LignoCOST <https://www.soc.chim.it/it/gruppi/greenchemistry/home>
- 4) Nicola Di Fidio, Claudia Antonetti, Anna Maria Raspolli Galletti, “Biological and electrochemical valorisation of lignocellulosic wastes from pulp & paper industry to give new generation biodiesel and aromatic compounds”, “Chemistry for the Future 2021”, June 30-July 2, 2021, Department of Chemistry and Industrial Chemistry, University of Pisa, Pisa (Italy). Poster presentation of the results of STSM of Nicola Di Fidio, funded by LignoCOST, Department of Chemistry and Industrial Chemistry, University of Pisa, Italy <https://cff.dcci.unipi.it/latest/cff2021.html>
- 5) Giovana Colucci, Arantzazu Santamaria-Echart, Samara C. Silva, Liandra G. Teixeira, Andreia Ribeiro, Alírio E. Rodrigues, M. Filomena Barreiro. Lignin Pickering stabilizers for innovative cosmeceutical formulations. 6th Young Polymer Scientists Seminar (SEJIPOL 2022). October, 25. Madrid, Spain. (<http://www.ictp.csic.es/ICTP2/es/SEJIPOL2022> )



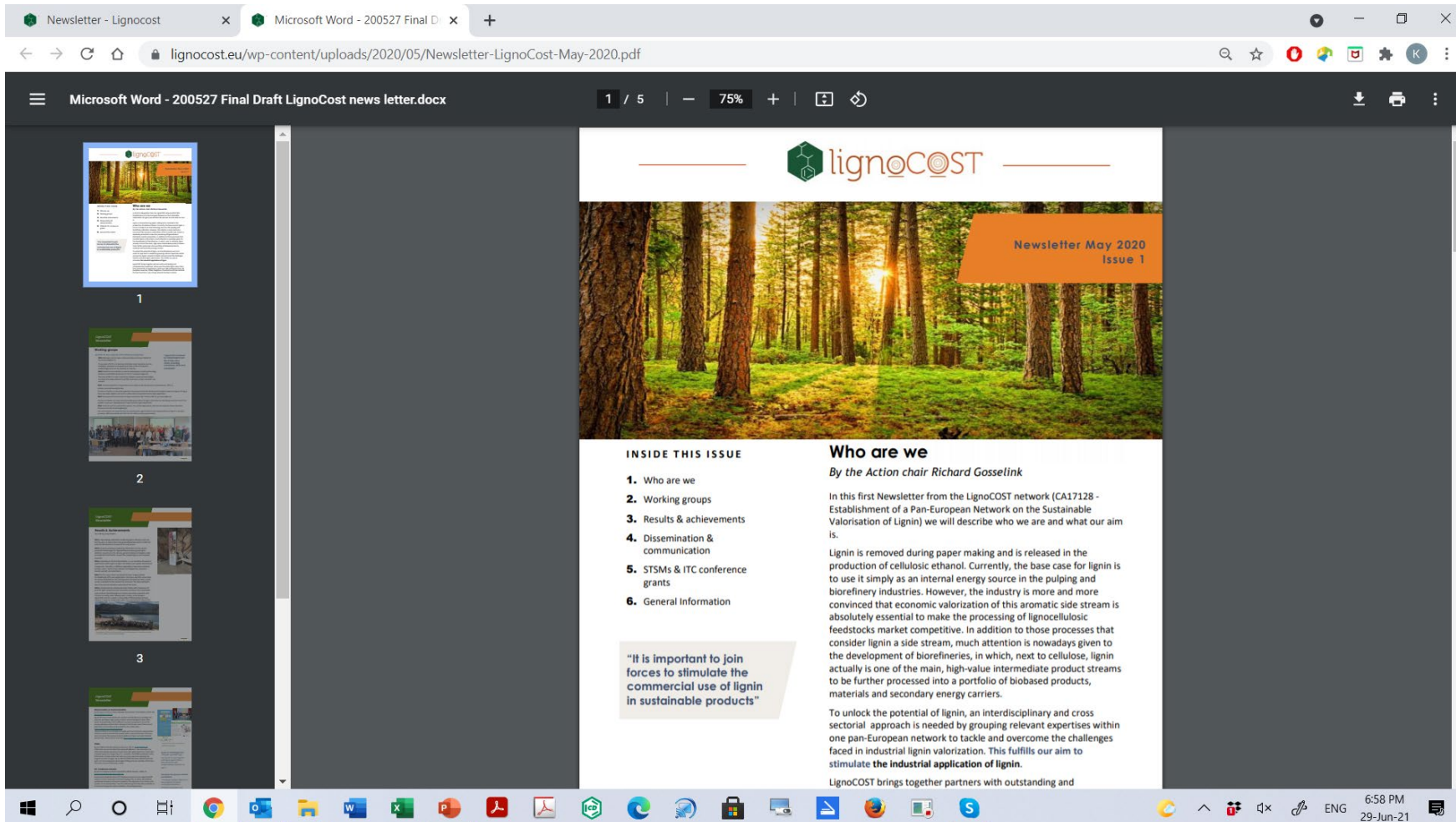
## Dissemination activities - conference presentations

### ❖ Conference presentations with co-authors from one LignoCOST Action member country, acknowledging LignoCOST (2 of 2)

6) Mert Yildirim, Zeki Candan, “Lignin: A Valuable Lignocellulosic Feedstock for an Eco-Sustainable and Circular Bioeconomy”. The 3rd International Electronic Conference on Forests – Exploring New Discoveries and New Directions in Forests, 15 - 31 October 2022, Basel, Switzerland. <https://sciforum.net/paper/view/13047>

7) Lourenço A, Cruz MC, Gominho J, Merino EG. Assessment of the relation between cellulose and lignin in the annual rings of Pinus pinea micro-cores - first results. “TRACE 2023 - Tree rings in Archaeology, Climatology and Ecology”, Coimbra, Portugal, 8-13 May.

## Communication activities - 1<sup>st</sup> Newsletter



### [1<sup>st</sup> Newsletter LignoCOST May 2020](#)

The first Newsletter from the LignoCOST network (CA17128 - Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin) which describes its structure and members, its main aim and objectives, as well as representative activities in the first period of operation.

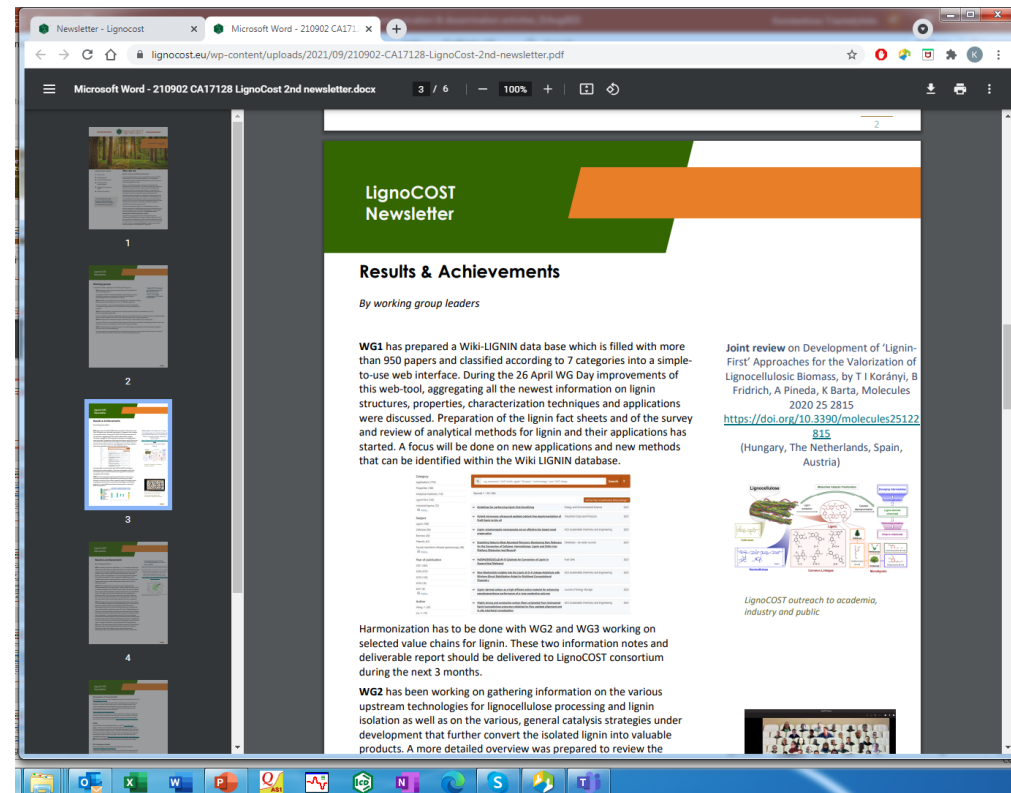
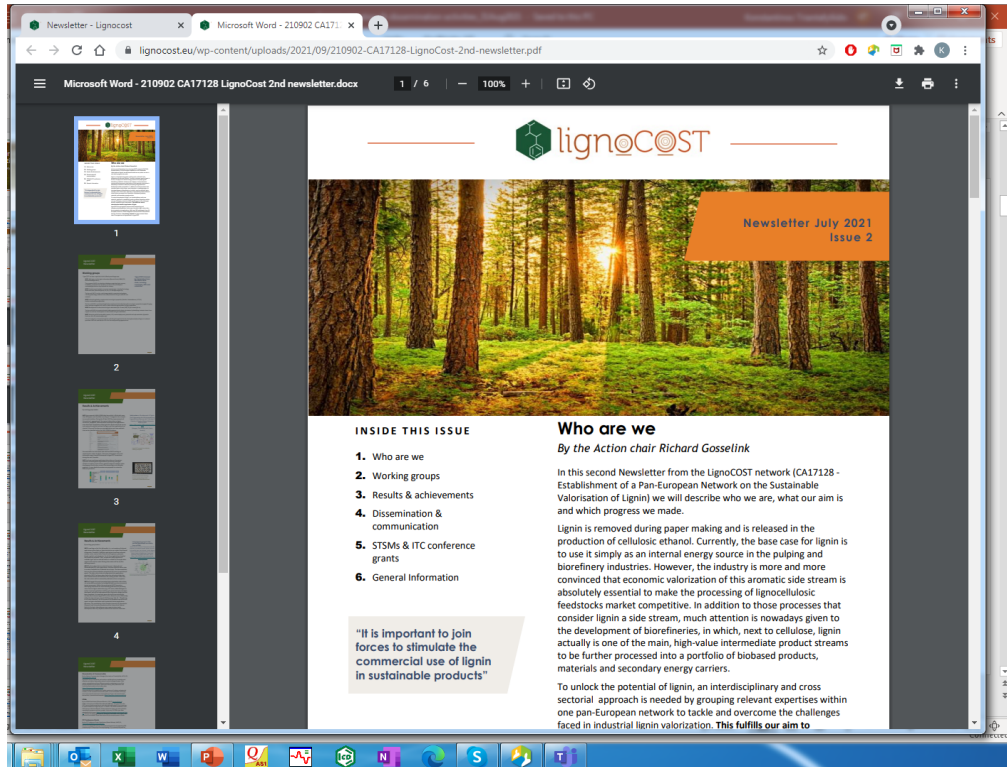
**Dissemination of Newsletter in Basecamp, COST Association (forum of SCM):**

<https://3.basecamp.com/4451333/buckets/15923135/documents/2702452817>

### [2<sup>nd</sup> Newsletter LignoCost](#)

**is coming up soon !!**

## Communication activities - 2<sup>nd</sup> Newsletter

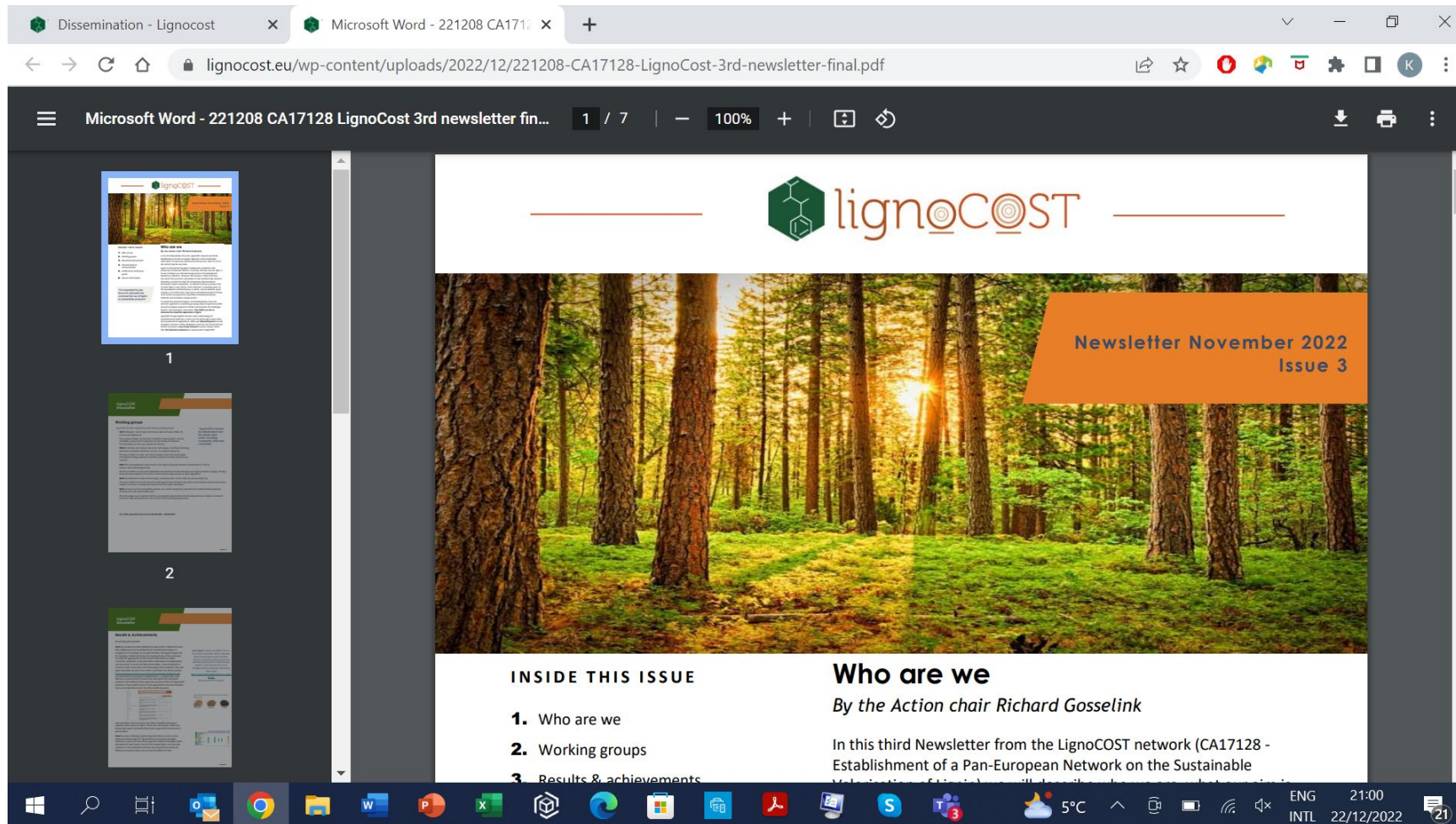


### 2<sup>nd</sup> Newsletter LignoCOST September 2021

The second Newsletter from the LignoCOST network (CA17128 - Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin) which describes its structure and members, its main aim and objectives, as well as representative activities in the 2<sup>nd</sup> and 3<sup>rd</sup> period of operation.



## Communication activities - 3<sup>rd</sup> Newsletter



The screenshot shows a Microsoft Word document titled "Microsoft Word - 221208 CA17128 LignoCost 3rd newsletter fin...". The document content includes:

- Header:** lignoCOST logo.
- Image:** A photograph of a forest with sunlight filtering through the trees. An orange text box on the right side of the image reads "Newsletter November 2022 Issue 3".
- Section: INSIDE THIS ISSUE**
  - 1. Who are we
  - 2. Working groups
  - 3. Results & achievements
- Section: Who are we**

*By the Action chair Richard Gosselink*

In this third Newsletter from the LignoCOST network (CA17128 - Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin) which describes its structure and members, its main aim and objectives, as well as representative activities in the 3<sup>rd</sup> and 4<sup>th</sup> period of operation.

### 3<sup>rd</sup> Newsletter LignoCOST November 2022

The second Newsletter from the LignoCOST network (CA17128 - Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin) which describes its structure and members, its main aim and objectives, as well as representative activities in the 3<sup>rd</sup> and 4<sup>th</sup> period of operation.

# Communication activities



WAGENINGEN UNIVERSITY & RESEARCH 100years 1817-2017

About Wageningen Career Contact Login en|English

Education & Programmes Research & Results Value Creation & Cooperation

Home Research Institutes Food & Biobased Research European network stimulates industrial applications of lignin

**News**

## European network stimulates industrial applications of lignin

July 2, 2019

As a natural adhesive, lignin has enormous potential in a wide range of applications. Its full industrial potential has yet to be exploited so far, however. LignoCOST, a large European network coordinated by Wageningen Food & Biobased Research, aims to change that. The objective is to develop a pan-European network which covers the entire value chain, from raw materials to cost-effective and sustainable end products.

"Lignin is a fascinating material," says Richard Gosselink, scientist at Wageningen Food & Biobased Research and coordinator of LignoCOST. "It's cheap, because it is abundant in nature: in fact, lignin is the substance that gives firmness to trees, grasses and straw. It is released during pulp and paper production, and is currently mainly used as fuel. That's a shame as it could be of much greater value to industry. For instance, lignin has interesting aromatic and polymer properties, as well as a UV-stabilising effect and an antimicrobial effect."

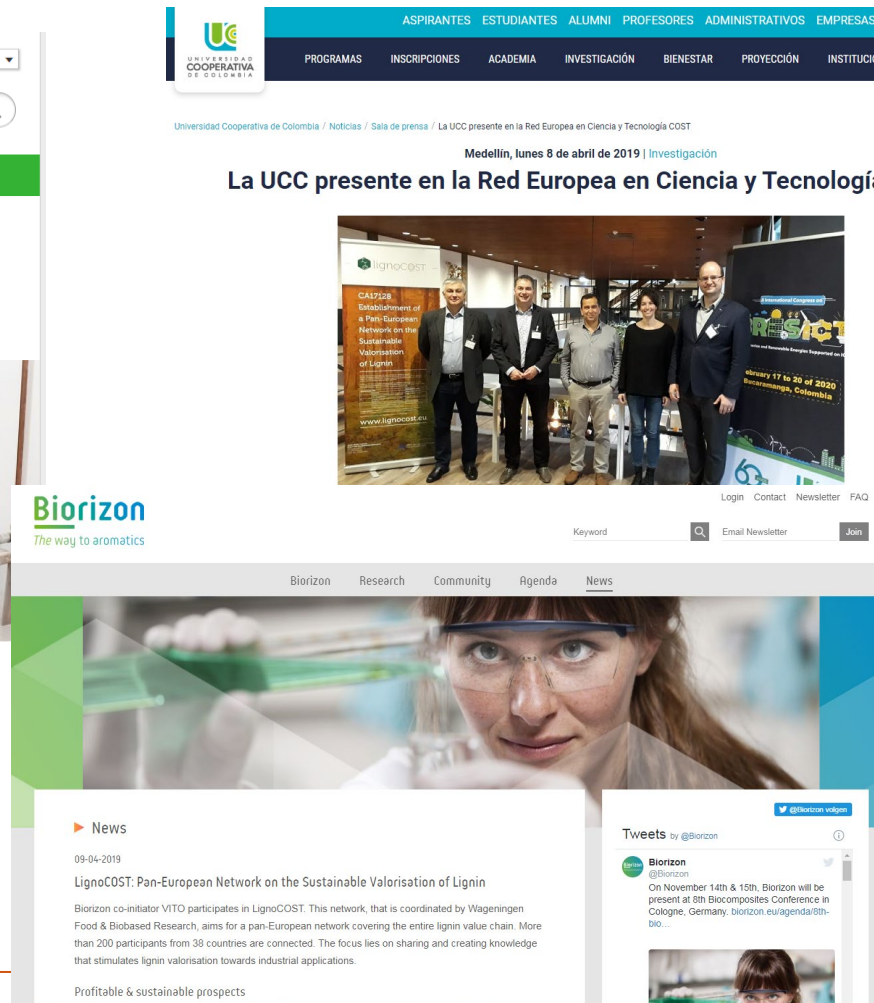
**Industrial applications**

Do you have a question about the industrial applications of lignin? Ask our expert:  
dr.ing. RJA (Richard) Gosselink  
[Contact form](#)

Read more:

- > www.lignocost.eu
- > Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin
- > Wageningen Food & Biobased Research

 COST is supported by the EU Framework Programme Horizon



UNIVERSIDAD COOPERATIVA DE COLOMBIA

ASPIRANTES ESTUDIANTES ALUMNI PROFESORES ADMINISTRATIVOS EMPRESAS

PROGRAMAS INSCRIPCIONES ACADEMIA INVESTIGACIÓN BIENESTAR PROYECCIÓN INSTITUCIONAL TARIFAS

Universidad Cooperativa de Colombia / Noticias / Sala de prensa / La UCC presente en la Red Europea en Ciencia y Tecnología COST

Medellín, lunes 8 de abril de 2019 | Investigación

## La UCC presente en la Red Europea en Ciencia y Tecnología COST

CA17128 Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin

February 17 to 20 of 2020 Bucaramanga, Colombia

Log in Contact Newsletter FAQ

Keyword Email Newsletter Join

Biorizon Research Community Agenda News

**News**

09-04-2019

### LignoCOST: Pan-European Network on the Sustainable Valorisation of Lignin

Biorizon co-initiator VITO participates in LignoCOST. This network, that is coordinated by Wageningen Food & Biobased Research, aims for a pan-European network covering the entire lignin value chain. More than 200 participants from 36 countries are connected. The focus lies on sharing and creating knowledge that stimulates lignin valorisation towards industrial applications.

Profitable & sustainable prospects

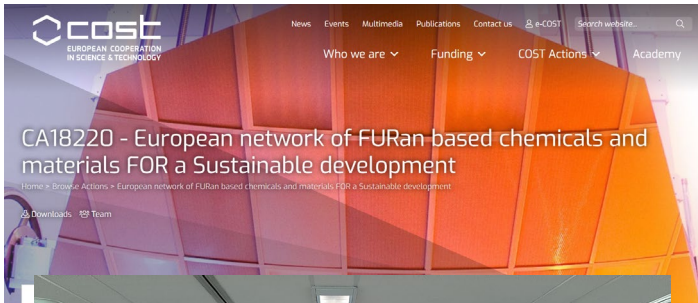
Tweets by @Biorizon

Biorizon @Biorizon  
On November 14th & 15th, Biorizon will be present at 8th Biocomposites Conference in Cologne, Germany. [biorizon.eu/agenda/8th-bio-...](http://biorizon.eu/agenda/8th-bio-...)





# Communication activities



**Establishment of a Pan-European Network on the Sustainable Valorization of Lignin (LignoCOST)**

**COST Action CA17128**  
<https://lignocost.eu/>  
<https://www.cost.eu/actions/CA17128/>



**WAGENINGEN UNIVERSITY & RESEARCH** | **COST is supported by the EU Framework Programme Horizon 2020**

**Maastricht University**

Education | Research | UM in the world | Life@UM | News & events | About UM | Support | MyUM

.../Research / Institutes / LignoCOST

**LignoCOST**

The main objective of LignoCOST is to establish a sound network covering the entire value chain in which relevant information can be produced with a focus on lignin valorisation towards sustainable industrial applications. Only when working together this information can be gathered to cover the technical, non-technical, environmental and socio-economic implications of the most promising lignin value chains.

© This COST action is chaired by Wageningen Food & Biobased Research (the Netherlands).  
 © COST is supported by the EU Framework Programme Horizon 2020

Lignin has the potential to become the future aromatic raw material for the industry. However, due to a lack of (information on) industrial availability, sustainable applications, and environmental footprint it is largely underexploited.

Economic considerations nonetheless make its valorization mandatory for the viability of future bio refinery operations. To facilitate the transition of a complex, highly underexploited side stream to a major bio refinery product and industrial commodity raw material, a European network is established to gain and coordinate the many efforts underway in academic and private industrial research.

From different disciplines, this LignoCOST Action brings together industrial stakeholders, SMEs, academia and institutes from pan-European regions active in the Pulpy and Paper.

Contact: [Katrijn Bernaerts](mailto:Katrijn.Bernaerts@wur.nl)  
[Go to website](#)

Week of 28 | LignoCOST Newsletter May 2020

ieabioenergy.com/blog/publications/lignocost-newsletter-may-2020/

**Technology Collaboration Programme**  
by IEA

**IEA Bioenergy**

About | Who is who | Activities: Tasks | News | Events | Publications | FAQ

**LignoCOST Newsletter May 2020**

Jul 2020

Bulletins

The LignoCOST network (CA17128 - Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin) is pleased to announce the launch of the 1st LignoCOST Newsletter, which describes who they are, what their aim is and an overview of achievements and future activities.

The LignoCOST network is closely working together with IEA Bioenergy Task 42 to produce a report on Sustainable lignin valorisation in the circular economy.

**Recent Publications**

- Progress in the Commercialization of Biojet / Sustainable Aviation Fuels: Technologies, potential and challenges
- IEA Bioenergy Call for Tender - Communications Specialist
- Applying a science-based systems perspective to dispel misconceptions about climate effects of forest bioenergy
- Deployment of bio-CCS: case studies

**vito** | RESEARCH | COLLABORATE | ABOUT VITO | PUBLICATIONS | IMPACT | CONTACT

HOME / LIGNOCOST: ESTABLISHMENT OF A PAN-EUROPEAN NETWORK ON THE SUSTAINABLE VALORIZATION OF LIGNIN

**LIGNOCOST: ESTABLISHMENT OF A PAN-EUROPEAN NETWORK ON THE SUSTAINABLE VALORIZATION OF LIGNIN**

Establish a sound network covering the entire value chain in which relevant information will be gathered with a focus on lignin valorisation towards sustainable industrial applications, covering technical, non-technical, environmental and socio-economic implications of the most promising lignin value chains.



# Communication activities

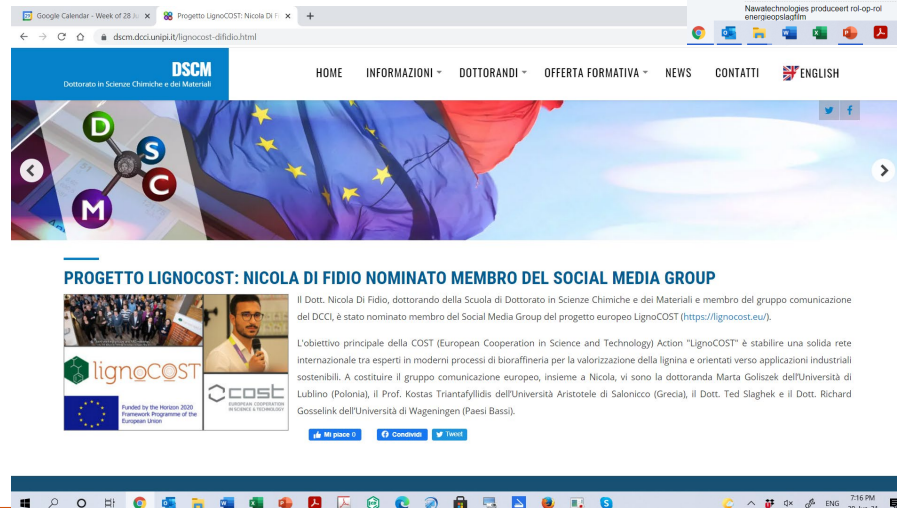


**II Congreso Internacional BERS**  
Biorrefinerías y Energías Renovables Soportadas en TIC

Más de 20 expertos de países como Finlandia, Grecia, Polonia, Reino Unido, España, Holanda, Israel, China, Estados Unidos, Francia, Noruega, entre otros.

17 al 20 de febrero de 2020  
Instituto Colombiano del Petróleo-ICP  
Vía Piedecuesta km 7. Santander, Colombia

Mayores informes:  
investigacion.ingenieria@campusucc.edu.co  
eventos.buc@ucc.edu.co

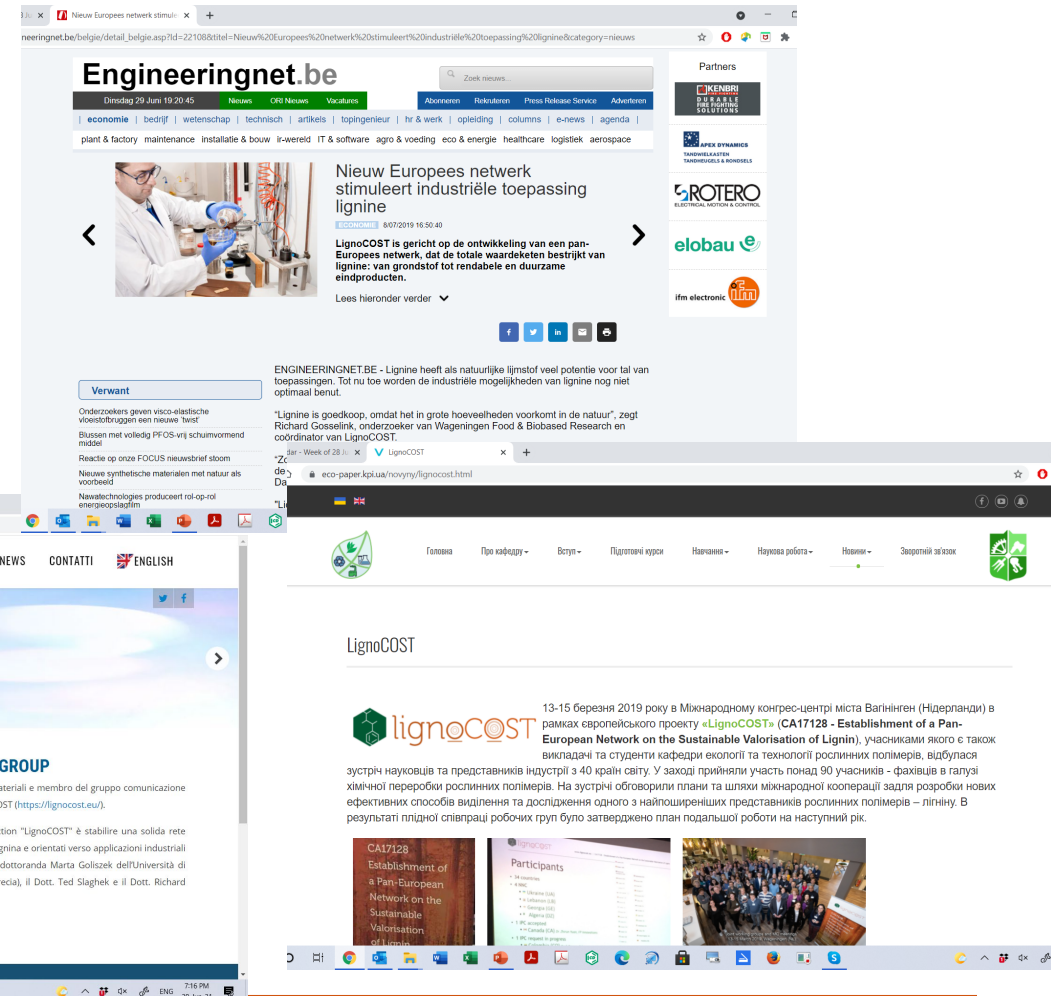
**DSCM**  
Dottorato in Scienze Chimiche e dei Materiali

HOME INFORMAZIONI DOTTORANDI OFFERTA FORMATIVA NEWS CONTATTI ENGLISH

**PROGETTO LIGNOCOST: NICOLA DI FIDIO NOMINATO MEMBRO DEL SOCIAL MEDIA GROUP**

Il Dott. Nicola Di Fidio, dottorando della Scuola di Dottorato in Scienze Chimiche e dei Materiali e membro del gruppo comunicazione del DCCM, è stato nominato membro del Social Media Group del progetto europeo LignoCOST (<https://lignocost.eu>).

L'obiettivo principale della COST (European Cooperation in Science and Technology) Action "LignoCOST" è stabilire una solida rete internazionale tra esperti in moderni processi di bioraffineria per la valorizzazione della lignina e orientati verso applicazioni industriali sostenibili. A costituire il gruppo comunicazione europeo, insieme a Nicola, vi sono la dottoranda Marta Goliszek dell'Università di Lublino (Polonia), il Prof. Kostas Triantafyllidis dell'Università Aristotele di Salonicco (Grecia), il Dott. Ted Slaghek e il Dott. Richard Gosselink dell'Università di Wageningen (Paesi Bassi).



**Engineeringnet.be**  
Dinsdag 29 Jun 19:20:45

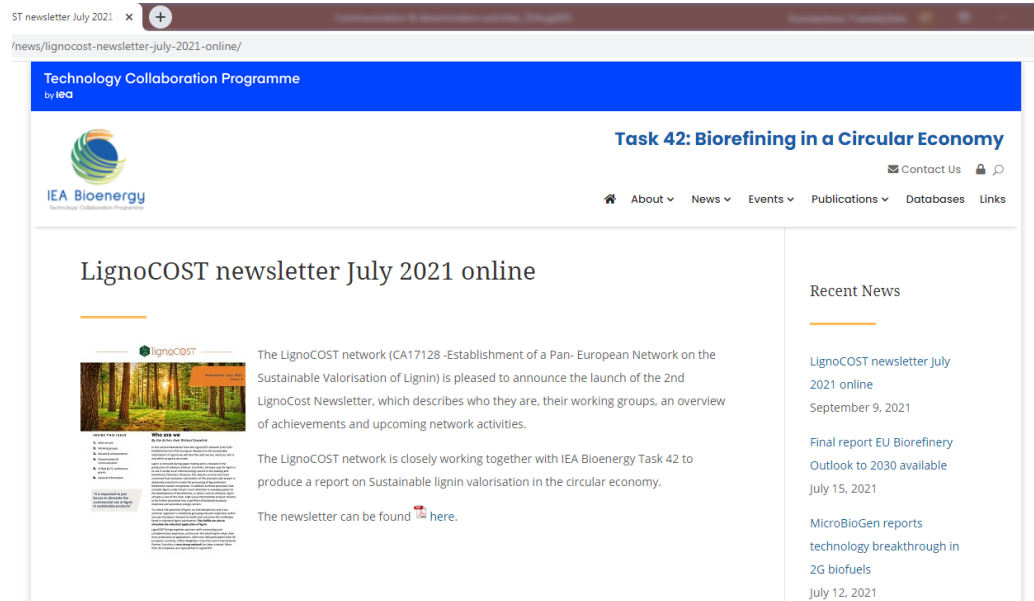
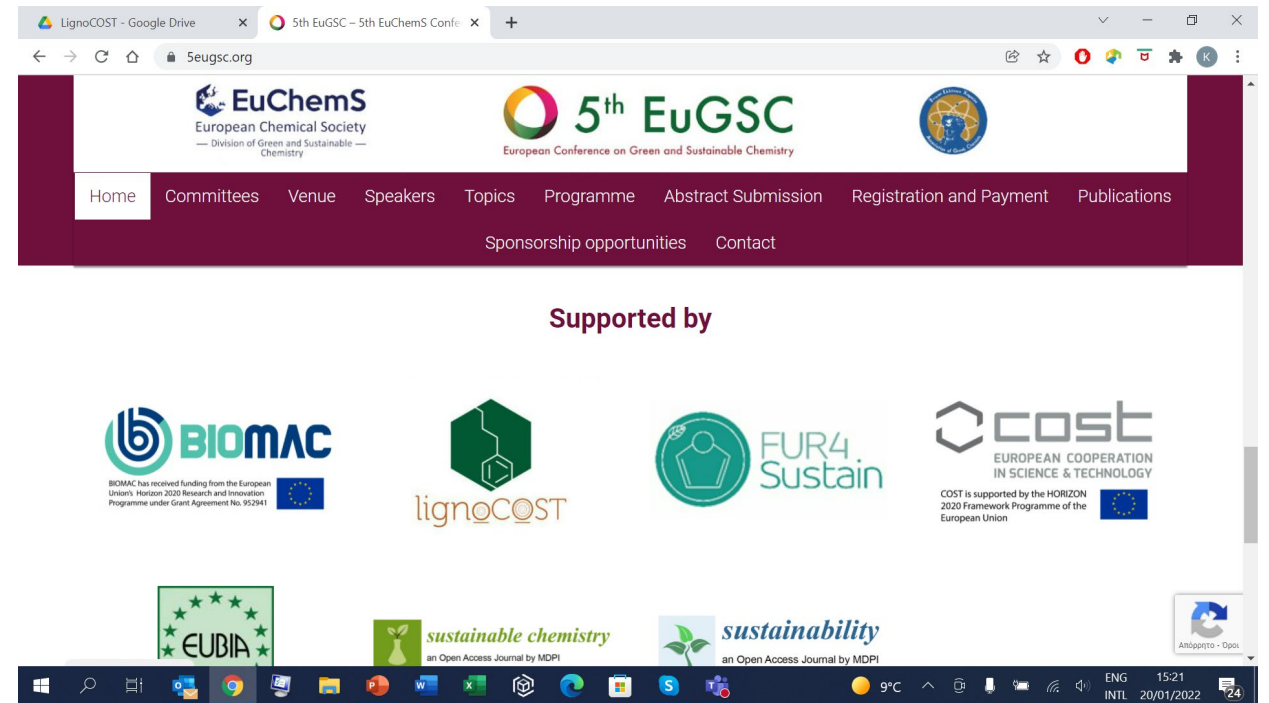
**Nieuw Europees netwerk stimuleert industriële toepassing lignine**  
LignoCOST is gericht op de ontwikkeling van een pan-Europees netwerk, dat de totale waardeketen bestrijkt van lignine: van grondstof tot rendabele en duurzame eindproducten.

ENGINEERINGNET.BE - Lignine heeft als natuurlijke lijfstof veel potentie voor tal van toepassingen. Tot nu toe worden de industriële mogelijkheden van lignine nog niet optimaal benut.

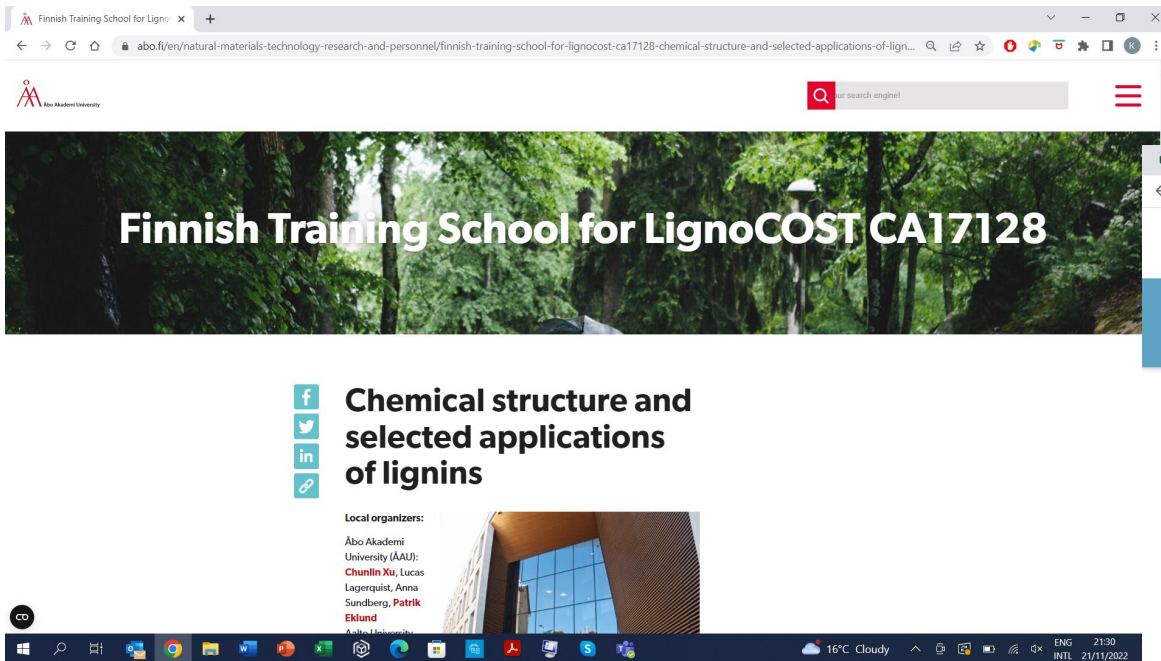
"Lignine is goedkoop, omdat het in grote hoeveelheden voorkomt in de natuur", zegt Richard Gosselink, onderzoeker van Wageningen Food & Biobased Research en coördinator van LignoCOST.



# Communication activities

# Communication activities






## Communication activities

**Olena Sevastyanova** • 1st  
 Docent in Fibre and Polymer Technology, KTH  
 1mo • Edited • 🌐

Great thanks to the organisers of Ekmandagarna 2023 for the opportunity to introduce **LignoCOST (COST Action CA17128)** project 😊! With a growing interest for lignin valorisation from both sides now - from academia and from industry - we must continue our dialog and cooperation for a major breakthrough.



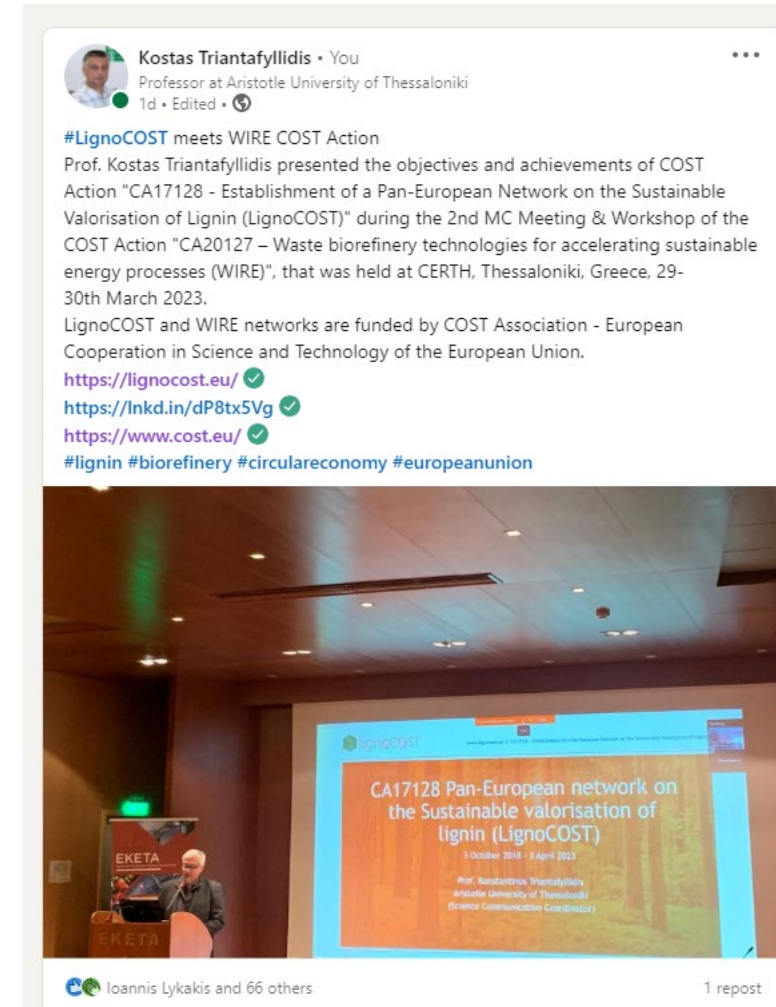
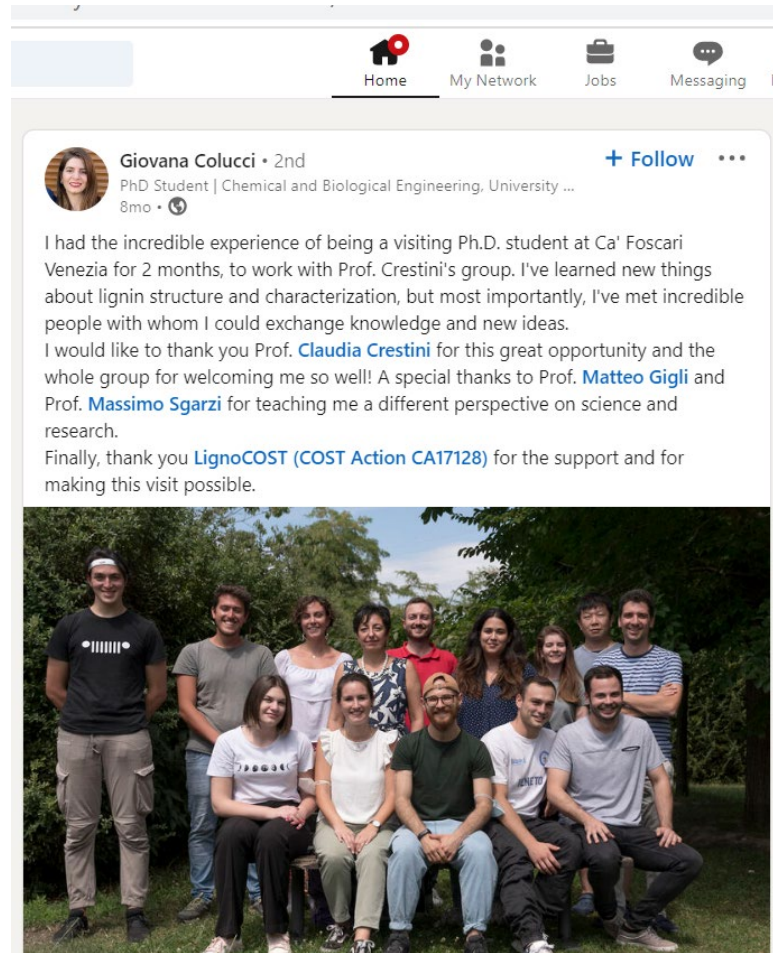
**Kostas Triantafyllidis** • You  
 Professor at Aristotle University of Thessaloniki  
 2w • 🌐

Visit of Dr. Elias Feghali in our labs (LingoCOST – COST Action CA17128)  
 It was a great pleasure to host Dr. Elias Feghali, Assistant Professor at the Faculty of Engineering (FE) of Notre Dame University-Louaize (NDU) ...see more



News & Events | News | FE'S DR. ELIAS FEGHALI GRANTED SHORT-TERM SCIENTIFIC MISSION AT ARISTOTLE UNIVERSITY OF THESSALONIKI | NDU

## Communication activities





## Communication activities

- 15/1/2019: Posts on Spanish media of the joint LignoCOST - Lignoal (FP1306) meeting in January 2019: <https://www.20minutos.es/noticia/3537577/0/universidad-cordoba-acoge-primera-reunion-accion-europea-lignocost/>  
<https://www.teleprensa.com/cordoba/la-universidad-de-cordoba-acoge-la-primera-reunion-de-la-accion-europea-lignocost.html.html>
- 13-15/3/2019: 1<sup>st</sup> joint Working Groups/Workshop + 2nd MC meeting (Interviews), Wageningen.
- 8/4/2019: Participation of Prof. Fernando Colmenares (Colombia) in the Wageningen Workshop and dissemination of this activity to Colombian scientific community and media, organization and promotion of collaboration with LignoCOST: <https://www.ucc.edu.co/noticias/prensa/investigacion/la-ucc-presente-en-la-red-europea-en-ciencia-y-tecnologia-cost>
- 9/4/2019: Link to Biorizon news: <https://www.biorizon.eu/news/lignocost-pan-european-network-on-the-sustainable-valorisation-of-lignin>
- 23/05/2019: presentation about lignin valorization at Festival ‘The Future of Us’, Industriepark Kleefse Waard, Arnhem, The Netherlands (R.J.A. Gosselink), highlighting the activities of COST Action LignoCOST (<https://www.kiemt.nl/de-ware-waarde-van-biomassa>)
- 29/5/2019: 2nd Lignin Summer course, Lund University, “LIGNIN-A hidden gem for biorefineries”: <https://docs.google.com/forms/d/1Pe20tN2-TauyNdJi1ULRdS9qFzzsqAJuk74WN0XijcM/edit>
- 31/5/2019: COST Association May 2019 Press Review - COST in specialised publications: Highlighting of review paper by Margellou & Triantafyllidis, on catalytic lignin transfer hydrogenolysis, with acknowledgements to LignoCOST.
- 02/07/2019: Wageningen Institute Newsletter on LignoCOST <https://www.wur.nl/en/Research-Results/Research-Institutes/food-biobased-research/show-fbr/European-network-stimulates-industrial-applications-of-lignin.htm>

## Communication activities

- 08/07/2019: Post by the Chair, Dr. Richard Gosselink on GreenCarCongress: <https://www.greencarcongress.com/2019/07/20190708-lignin.html>
- 25/07/2019: Prof. Fernando Colmenares - Call for Papers - II International Congress on Biorefineries and Renewable Energies supported by ICT Bucaramanga, Colombia <https://www.ucc.edu.co/noticias/prensa/investigacion/ii-congreso-internacional-de-biorefinerias-y-energias-renovables-berstic-2020>
- 23/10/2019: Prof. Elias FEGHALI, presentation of LignoCOST in H2020 Workshop organized in Beirut (invited by COST Association)
- 23/10/2019: Establishing a link between LignoCOST and IEA Bioenergy - Task 42 Biorefining in a Future BioEconomy. Communication between the Chair and IEA Bioenergy.
- 5/11/2019: Promotion by Science Communication Manager of LignoCOST in the kick-off meeting of a new COST Action : “European network of FURan based chemicals and materials FOR a Sustainable development” (FUR4Sustain) CA18220. More than 50 participants from 28 countries and COST officials.
- 13-14/11/2019: Posts on the Portuguese media for the 2<sup>nd</sup> joint Working Groups/Workshop & 3<sup>rd</sup> MC meeting of LignoCOST, in Regua, Portugal. Link to the press new (newspaper: Kapital do Nordeste): <http://www.kapitaldonordeste.pt/cimo-ipb-responsavel-por-aco-es-de-mobilidade-do-projeto-europeu-lignocost-que-valorizam-o-papel-da>. Facebook page of the newspaper: <https://www.facebook.com/kapitaldonordeste/> Link to Mensageiro de Bragança: <https://www.mdb.pt/index.php/noticia/cimo-quer-transformar-um-residuo-da-pasta-de-papel-em-material-para-biorrefinarias>.



## Communication activities

- 03 / 04/ 2020: LignoCOST participates in the 2<sup>nd</sup> International Congress on Biorefineries and Renewable Energies (BERSTIC II), organized by Prof. Fernando Colmenares (Universidad Cooperativa de Colombia), member of LignoCOST in Bucaramanga, Colombia on 17 - 20 February 2020. Several members of LignoCOST from Greece, Sweden, Spain, Poland and other countries participated in the conference, communicating in the best way the scope and aims of the Action and expanding the links with Colombia and South America <https://bersticucc.wordpress.com/tag/congreso-berstic/> <https://easychair.org/cfp/BERSTIC2020>  
Proceedings: [https://repository.ucc.edu.co/bitstream/20.500.12494/20170/3/2020\\_CA\\_Memorias\\_%20BRESICT\\_Colmenares\\_VF.pdf](https://repository.ucc.edu.co/bitstream/20.500.12494/20170/3/2020_CA_Memorias_%20BRESICT_Colmenares_VF.pdf)  
<https://doi.org/10.16925/ecam.03>
- 28 / 05/ 2020: Presentation by the Chair of the Action, Dr. Richard Gosselink on “Lignin products: from research to demonstration” highlighting the activities of COST Action LignoCOST, in the EU Coordination and Support Action “Bloom” webinar, ‘What a tree can do’ <https://bloom-bioeconomy.eu/2020/05/13/bioeconomy-in-our-daily-life-webinar-what-the-tree-can-do/>
- 06 / 2020: LignoCOST promotion article by the Chair (Dr. Richard Gosselink) and the Grant Holder (Dr. Ted Slaghek) in Issue 13, June 2020 of EEBIONEWS, EERA BIOENERGY NEWSLETTER <http://www.eera-bioenergy.eu/wp-content/uploads/pdf/EERABioenergyNewsletterIssue13.pdf>
- 08 / 07/ 2020: Post of LignoCOST Newsletter on the website of IEA Bioenergy - Task 42: Biorefining in a Circular Economy. <http://task42.ieabioenergy.com/publications/newsletter-lignocost-may-2020/>
- 12 / 10/ 2020: CA17128 LignoCOST on-line Workshop on ‘Current status of lignin valorisation in Europe’ organized by RISE, Stockholm, Sweden, October 12th 2020. <https://lignocost.eu/events/ca17128-lignocost-workshop-current-status-of-lignin-valorisation-in-europe-in-stockholm-sweden/>
- 23 / 10 / 2020: CA17128 LignoCOST online training school ‘Modified Lignin Materials for Reactive Polymer Composites: Processing and Characterization’, October 23, 2020. <https://lignocost.eu/events/ca17128-lignocost-online-training-school-modified-lignin-materials-for-reactive-polymer-composites-processing-and-characterization/>

## Communication activities

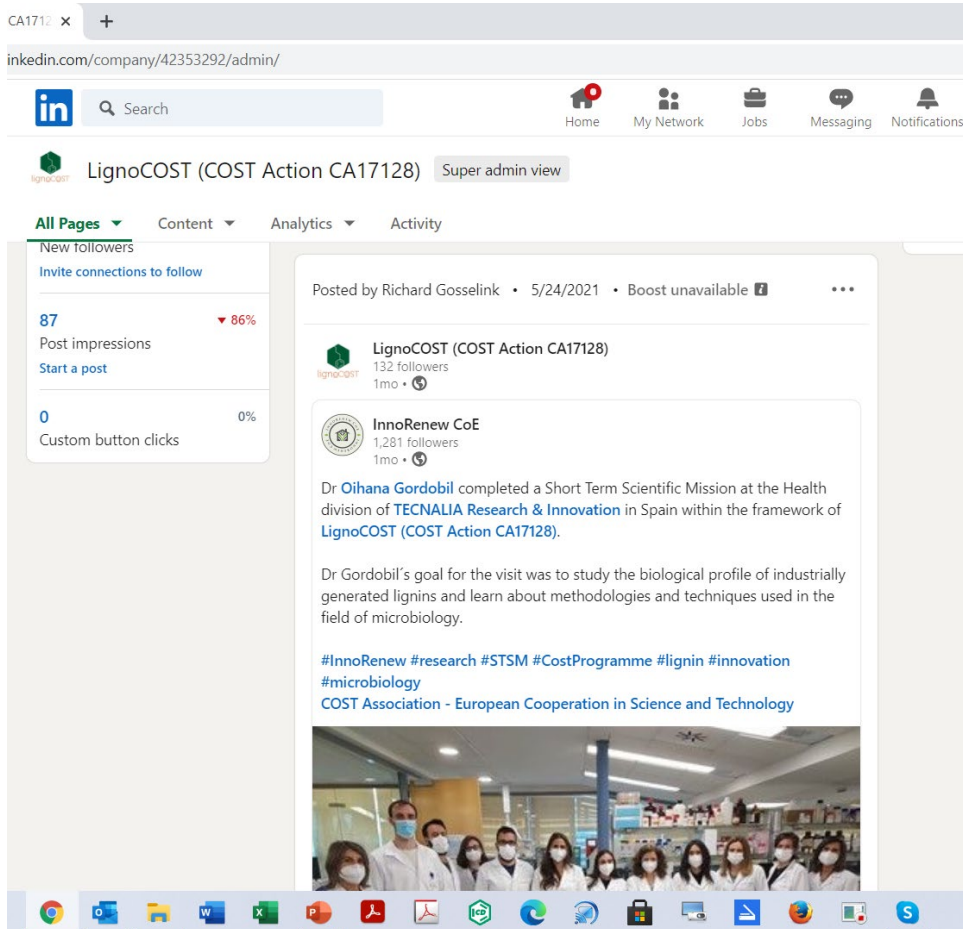
- 24 / 05 / 2021: Dr Gordobil completed STSM at Tecnalia in Spain within the LignoCOST Action: <https://innorenew.eu/2021/05/dr-gordobil-completed-stsm-tecnalia-spain/>
- 09 / 09 / 2021: Post of the 2<sup>nd</sup> LignoCOST Newsletter at the platform/website of IEA Bioenergy - Task 42: Biorefining in a Circular Economy <https://task42.ieabioenergy.com/news/lignocost-newsletter-july-2021-online/>
- 28 / 10 / 2021: Poster of LignoCOST activities presented by the Chair of the Action, Dr. Richard Gosselink, at the Matchmaking Day of a Circular and Climate Neutral Program of WUR, Wageningen
- 24 / 11 / 2021: The collaboration and knowledge exchange between IEA Bioenergy: Task 42 and LignoCOST resulted in the publication of valuable report on “Sustainable Lignin Valorization - Technical Lignin, processes and market development”  
<https://task42.ieabioenergy.com/publications/sustainable-lignin-valorization/>
- 21 / 04 / 2022: Announcement of the conference on "Lignin Valorization" organized by LignoCOST (CA17128), on June 1-3, 2022, in Wageningen, The Netherlands, on the Science Communication Coordinators web platform and via COST media tools  
Related links: <https://idealfuel.eu/upcoming-event-the-lignin-conference-1-till-3-june-2022/>  
<https://www.biorizon.eu/agenda/lignocost-lignin-conference>

## Communication activities

- 1 / 5 / 2022: Announcement of the “Finnish Training School for LignoCOST CA17128”  
<https://lignocost.eu/events/finnish-training-school-for-lignocost-ca17128/>  
<https://www.abo.fi/en/natural-materials-technology-research-and-personnel/finnish-training-school-for-lignocost-ca17128-chemical-structure-and-selected-applications-of-lignins/>  
[https://www.linkedin.com/posts/chunlin-xu-35a53311\\_finnish-training-school-for-lignocost-ca17128-activity-6944522354093916160-mhSI?utm\\_source=share&utm\\_medium=member\\_ios](https://www.linkedin.com/posts/chunlin-xu-35a53311_finnish-training-school-for-lignocost-ca17128-activity-6944522354093916160-mhSI?utm_source=share&utm_medium=member_ios)  
<https://www.abo.fi/en/project/novel-fiber-surfaces-functionalized-by-lignins-refined-and-engineered-from-finnish-biorefinery-processes/>
- 1/6/2022: Announcement of CA17128 LignoCOST Working Groups meeting August 24-25, 2022 in Tallinn, Estonia  
<https://lignocost.eu/events/ca17128-lignocost-working-groups-meeting/>
- 30 / 3 / 2023: #LignoCOST meets WIRE COST Action  
Prof. Kostas Triantafyllidis, Science Communication Coordinator, presented the objectives and achievements of COST Action "CA17128 - Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin (LignoCOST)" during the 2nd MC Meeting & Workshop of the COST Action "CA20127 - Waste biorefinery technologies for accelerating sustainable energy processes (WIRE)", that was held at CERTH, Thessaloniki, Greece, 29-30th March 2023. [https://www.linkedin.com/posts/kostas-triantafyllidis-86916111\\_lignocost-lignin-biorefinery-activity-7055558795753644032-VJ\\_F?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/kostas-triantafyllidis-86916111_lignocost-lignin-biorefinery-activity-7055558795753644032-VJ_F?utm_source=share&utm_medium=member_desktop)

## Communication activities - social media tools (LinkedIn)

- **LinkedIn profile:** <https://www.linkedin.com/company/lignocost>



CA1712 x +  
linkedin.com/company/42353292/admin/

Search Home My Network Jobs Messaging Notifications

LignoCOST (COST Action CA17128) Super admin view

All Pages Content Analytics Activity

New followers  
Invite connections to follow

87 Post impressions ▼ 86%  
Start a post

0 Custom button clicks 0%

Posted by Richard Gosselink • 5/24/2021 • Boost unavailable

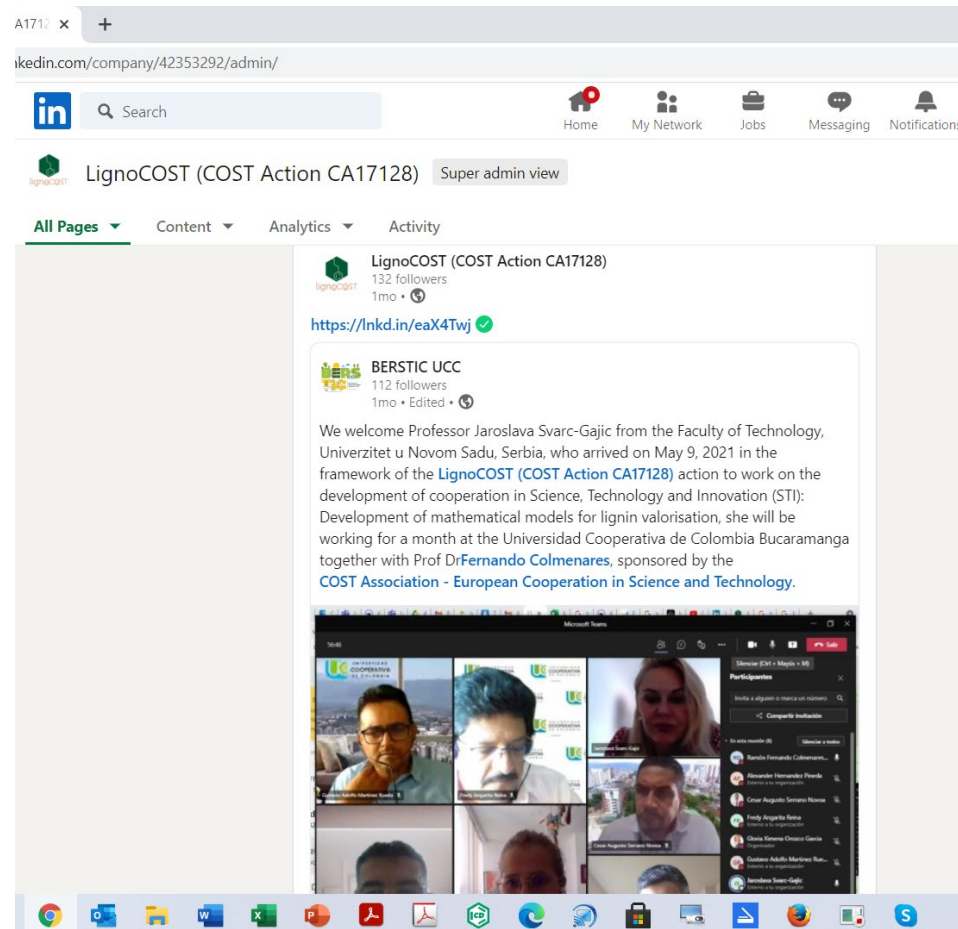
LignoCOST (COST Action CA17128)  
132 followers  
1mo •

InnoRenew CoE  
1,281 followers  
1mo •

Dr **Oihana Gordobil** completed a Short Term Scientific Mission at the Health division of **TECNALIA Research & Innovation** in Spain within the framework of **LignoCOST (COST Action CA17128)**.

Dr Gordobil's goal for the visit was to study the biological profile of industrially generated lignins and learn about methodologies and techniques used in the field of microbiology.

#InnoRenew #research #STSM #CostProgramme #lignin #innovation #microbiology  
COST Association - European Cooperation in Science and Technology



A1712 x +  
linkedin.com/company/42353292/admin/

Search Home My Network Jobs Messaging Notifications

LignoCOST (COST Action CA17128) Super admin view

All Pages Content Analytics Activity

LignoCOST (COST Action CA17128)  
132 followers  
1mo •

<https://lnkd.in/eaX4Twj>

BERSTIC UCC  
112 followers  
1mo • Edited •

We welcome Professor Jaroslava Svarc-Gajic from the Faculty of Technology, Univerzitet u Novom Sadu, Serbia, who arrived on May 9, 2021 in the framework of the **LignoCOST (COST Action CA17128)** action to work on the development of cooperation in Science, Technology and Innovation (STI); Development of mathematical models for lignin valorisation, she will be working for a month at the Universidad Cooperativa de Colombia Bucaramanga together with Prof Dr **Fernando Colmenares**, sponsored by the **COST Association - European Cooperation in Science and Technology**.

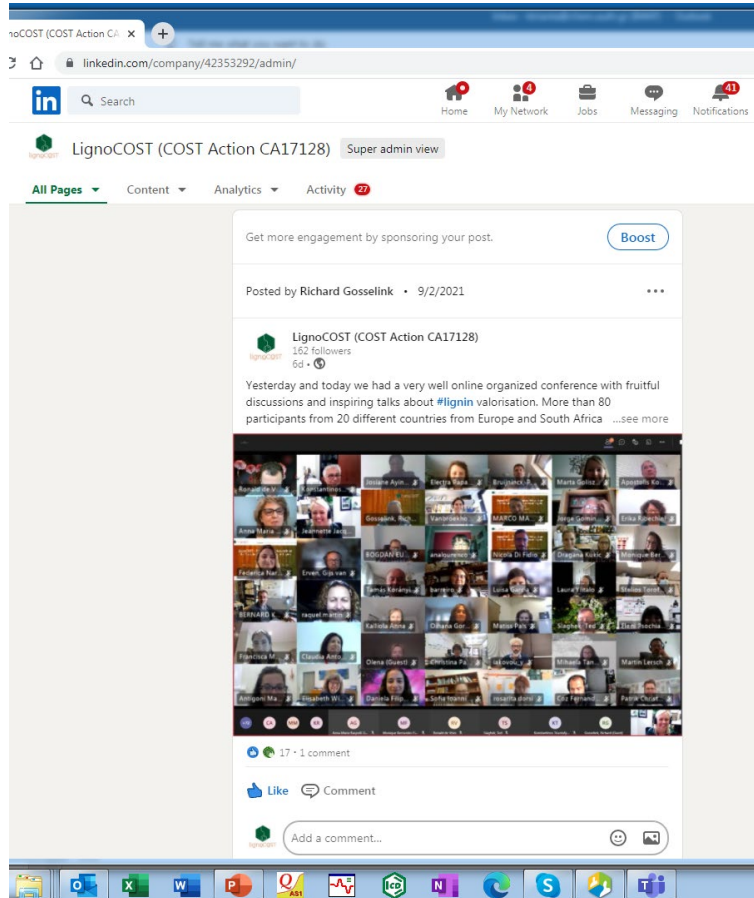
Posts:

<https://www.linkedin.com/feed/update/urn:li:activity:6672036436851642368/> (post of the first Newsletter)



## Communication activities - social media tools (LinkedIn)

- **LinkedIn profile:** <https://www.linkedin.com/company/lignocost>



Get more engagement by sponsoring your post. [Boost](#)

Posted by Richard Gosselink • 9/2/2021

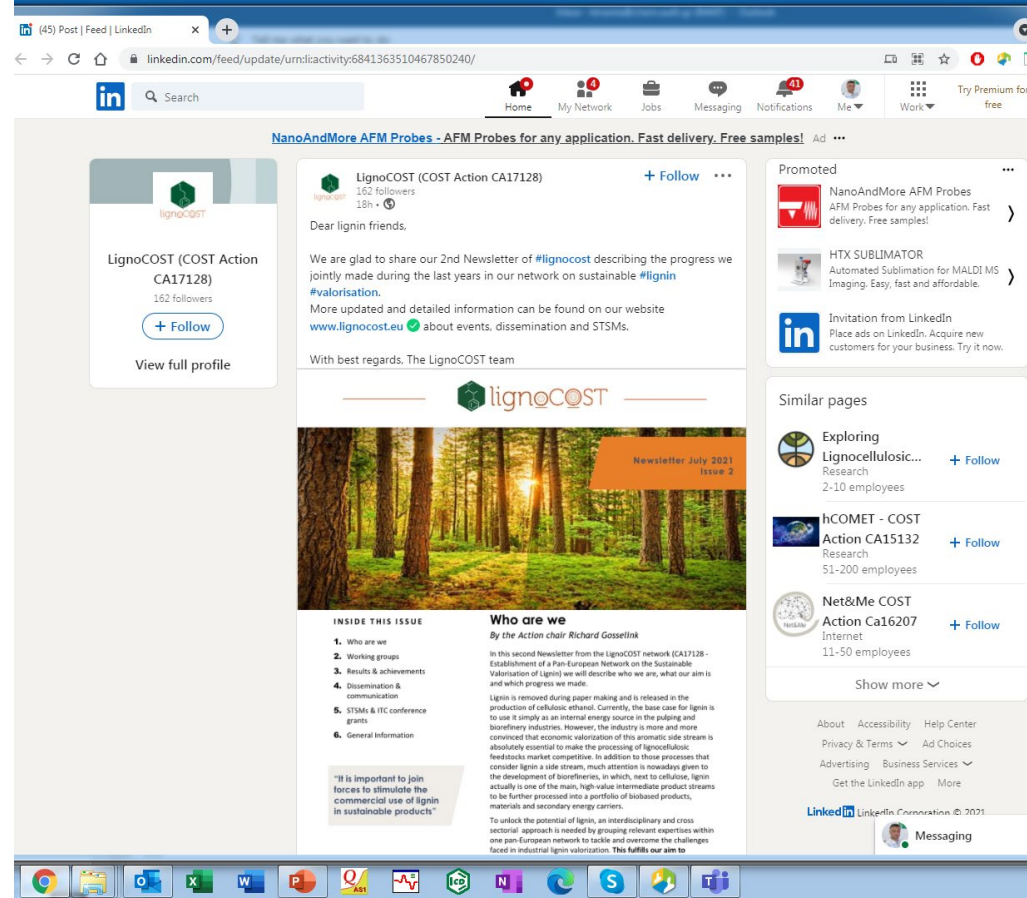
**LignoCOST (COST Action CA17128)**  
162 followers

Yesterday and today we had a very well online organized conference with fruitful discussions and inspiring talks about #lignin valorisation. More than 80 participants from 20 different countries from Europe and South Africa ...see more

17 • 1 comment

Like Comment

Add a comment...



**LignoCOST (COST Action CA17128)**  
162 followers

Dear lignin friends,

We are glad to share our 2nd Newsletter of #lignocost describing the progress we jointly made during the last years in our network on sustainable #lignin #valorisation. More updated and detailed information can be found on our website [www.lignocost.eu](http://www.lignocost.eu) about events, dissemination and STSMs.

With best regards, The LignoCOST team

**Newsletter July 2021 Issue 2**

**Who are we**  
By the Action chair Richard Gosselink

In this second newsletter from the LignoCOST network (CA17128 - Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin) we will describe who we are, what our aim is and which progress we made.

Lignin is removed during paper making and is released in the production of cellulosic ethanol. Currently, the base case for lignin is to use it simply as an internal energy source in the pulping and bioenergy industries. However, the industry is more and more convinced that economic valorization of this aromatic side stream is absolutely essential to make the processing of lignocellulosic feedstocks market competitive. In addition to those processes that consider lignin a side stream, much attention is nowadays given to the development of biorefineries, in which, next to cellulose, lignin actually is one of the main, high value intermediate product streams to be further processed into a portfolio of bio-based products, materials and secondary energy carriers.

To unlock the potential of lignin, an interdisciplinary and cross sectoral approach is needed by grouping relevant expertise within one pan-European network to tackle and overcome the challenges faced in industrial lignin valorization. **This fulfills our aim to**

"It is important to join forces to stimulate the commercial use of lignin in sustainable products"

Posts:

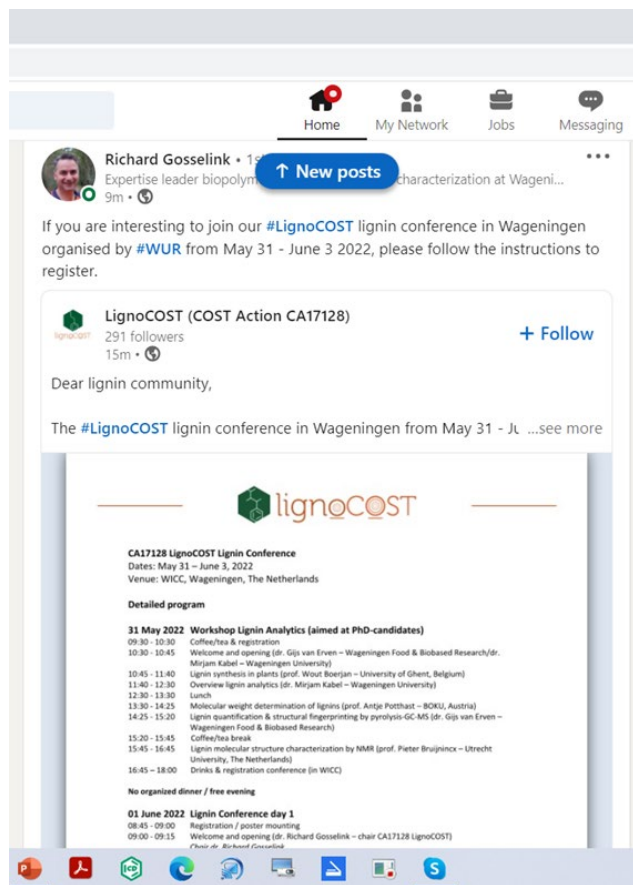
<https://www.linkedin.com/feed/update/urn:li:activity:6841363510467850240/> (post of the second Newsletter)

Posts:

[https://www.linkedin.com/posts/richard-gosselink\\_final-program-lignocost-lignin-conference-activity-6932709647237709824-95wG?utm\\_source=linkedin\\_share&utm\\_medium=member\\_desktop\\_web](https://www.linkedin.com/posts/richard-gosselink_final-program-lignocost-lignin-conference-activity-6932709647237709824-95wG?utm_source=linkedin_share&utm_medium=member_desktop_web) (post of the Final Conference on "Lignin Valorization" organized by LignoCOST)

## Communication activities - social media tools (LinkedIn)

- **LinkedIn profile:** <https://www.linkedin.com/company/lignocost>



Richard Gosselink • 1st Expertise leader biopolymers and lignin characterization at Wageningen University and Research

If you are interesting to join our #LignoCOST lignin conference in Wageningen organised by #WUR from May 31 - June 3 2022, please follow the instructions to register.

**LignoCOST (COST Action CA17128)**  
291 followers  
15m •

Dear lignin community,  
The #LignoCOST lignin conference in Wageningen from May 31 - Ju ...see more

**CA17128 LignoCOST Lignin Conference**  
Dates: May 31 – June 3, 2022  
Venue: WICC, Wageningen, The Netherlands

**Detailed program**

**31 May 2022 Workshop Lignin Analytics (aimed at PhD-candidates)**

09:30 - 10:30	Coffee/tea & registration
10:30 - 10:45	Welcome and opening (dr. Gij van Erven – Wageningen Food & Biobased Research/dr. Mirjam Kabel – Wageningen University)
10:45 - 11:40	Lignin synthesis in plants (prof. Wout Boerjan – University of Ghent, Belgium)
11:40 - 12:30	Overview lignin analytics (dr. Mirjam Kabel – Wageningen University)
12:30 - 13:30	Lunch
13:30 - 14:25	Molecular weight determination of lignins (prof. Antje Potthast – BOKU, Austria)
14:25 - 15:20	Lignin quantification & structural fingerprinting by pyrolysis-GC-MS (dr. Gij van Erven – Wageningen Food & Biobased Research)
15:20 - 15:45	Coffee/tea break
15:45 - 16:45	Lignin molecular structure characterization by NMR (prof. Pieter Bruijninx – Utrecht University, The Netherlands)
16:45 - 18:00	Drinks & registration conference (in WICC)

No organized dinner / free evening

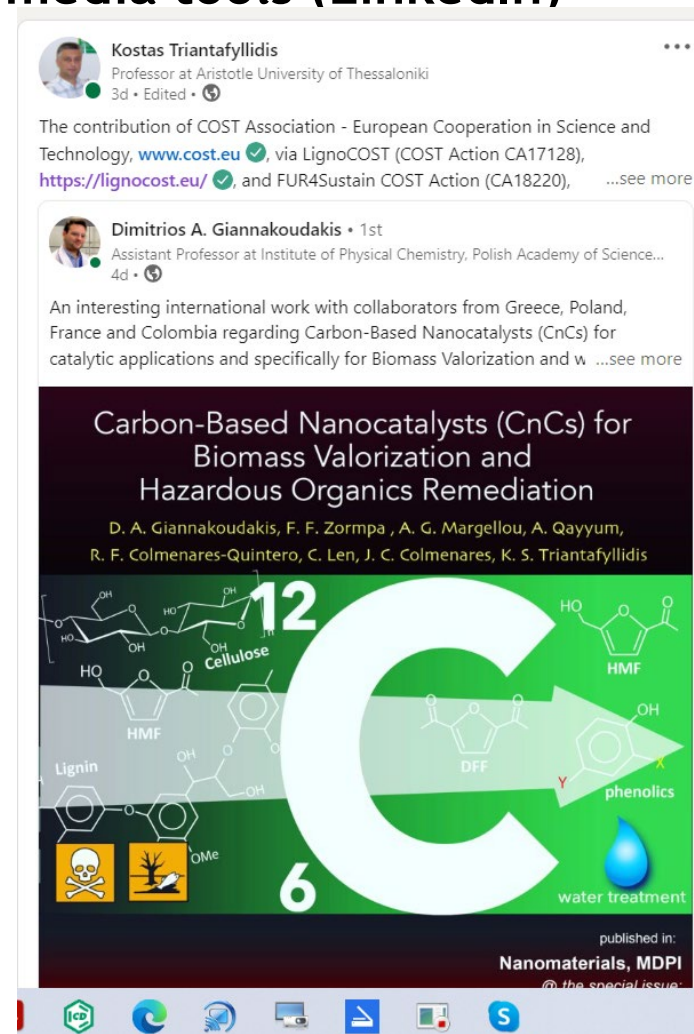
**01 June 2022 Lignin Conference day 1**

08:45 - 09:00	Registration / poster mounting
09:00 - 09:15	Welcome and opening (dr. Richard Gosselink – chair CA17128 LignoCOST)

Posts:

[https://www.linkedin.com/posts/richard-gosselink\\_final-program-lignocost-lignin-conference-activity-6932709647237709824-95wG?utm\\_source=linkedin\\_share&utm\\_medium=member\\_desktop\\_web](https://www.linkedin.com/posts/richard-gosselink_final-program-lignocost-lignin-conference-activity-6932709647237709824-95wG?utm_source=linkedin_share&utm_medium=member_desktop_web)

(post of the Final Conference on “Lignin Valorization” organized by LignoCOST



Kostas Triantafyllidis  
Professor at Aristotle University of Thessaloniki  
3d • Edited •

The contribution of COST Association - European Cooperation in Science and Technology, [www.cost.eu](http://www.cost.eu) ✓, via LignoCOST (COST Action CA17128), <https://lignocost.eu/> ✓, and FUR4Sustain COST Action (CA18220), ...see more

Dimitrios A. Giannakoudakis • 1st  
Assistant Professor at Institute of Physical Chemistry, Polish Academy of Science...  
4d •

An interesting international work with collaborators from Greece, Poland, France and Colombia regarding Carbon-Based Nanocatalysts (CnCs) for catalytic applications and specifically for Biomass Valorization and w ...see more

**Carbon-Based Nanocatalysts (CnCs) for Biomass Valorization and Hazardous Organics Remediation**  
D. A. Giannakoudakis, F. F. Zormpa, A. G. Margellou, A. Qayyum, R. F. Colmenares-Quintero, C. Len, J. C. Colmenares, K. S. Triantafyllidis

Chemical structures: Cellulose, HMF, Lignin, DFF, phenolics, water treatment

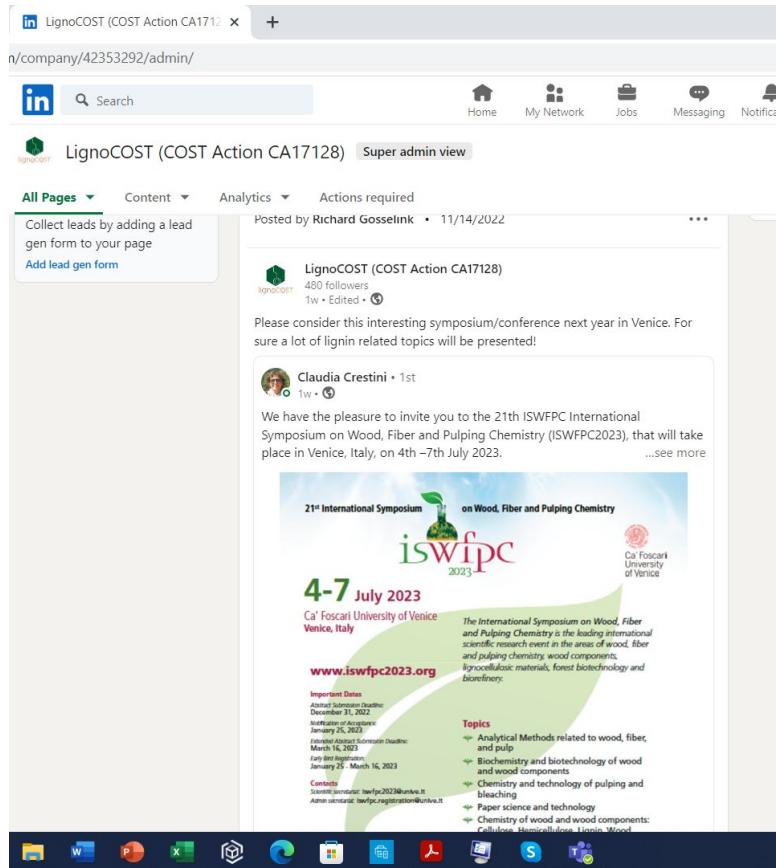
published in:  
**Nanomaterials, MDPI**  
@ the special issue

[https://www.linkedin.com/posts/kostas-triantafyllidis-86916111\\_mdpiopenacces-s-heterogeneouscatalysis-nanotecnologia-activity-6931542126098808832-65as?utm\\_source=linkedin\\_share&utm\\_medium=member\\_desktop\\_web](https://www.linkedin.com/posts/kostas-triantafyllidis-86916111_mdpiopenacces-s-heterogeneouscatalysis-nanotecnologia-activity-6931542126098808832-65as?utm_source=linkedin_share&utm_medium=member_desktop_web)

(post of a joint review paper co-authored by colleagues from Greece, Poland, France and Colombia !)

## Communication activities - social media tools (LinkedIn)

- **LinkedIn profile:** <https://www.linkedin.com/company/lignocost>

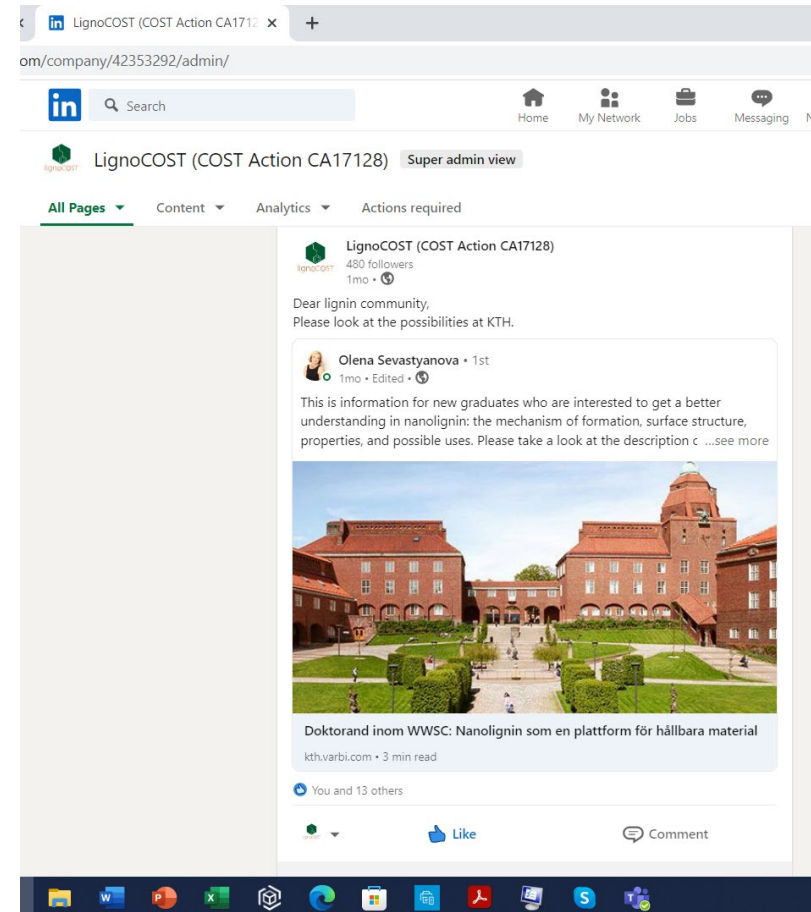


LinkedIn profile page for LignoCOST (COST Action CA17128). The page shows a post from Claudia Crestini, 1st, dated 1w. The post text reads: "We have the pleasure to invite you to the 21th ISWFPC International Symposium on Wood, Fiber and Pulping Chemistry (ISWFPC2023), that will take place in Venice, Italy, on 4th -7th July 2023. ...see more". Below the text is a promotional poster for the 21st International Symposium on Wood, Fiber and Pulping Chemistry (ISWFPC 2023), held from 4-7 July 2023 at Ca' Foscari University of Venice, Italy. The poster lists topics such as Analytical Methods, Biochemistry and biotechnology of wood, and Chemistry and technology of pulping and bleaching.

### Posts:

<https://www.linkedin.com/feed/update/urn:li:activity:6997848228352114688>

(post on the organization of the 21th ISWFPC International Symposium on Wood, Fiber and Pulping Chemistry (ISWFPC2023), that will take place in Venice, Italy, on 4th -7th July 2023.



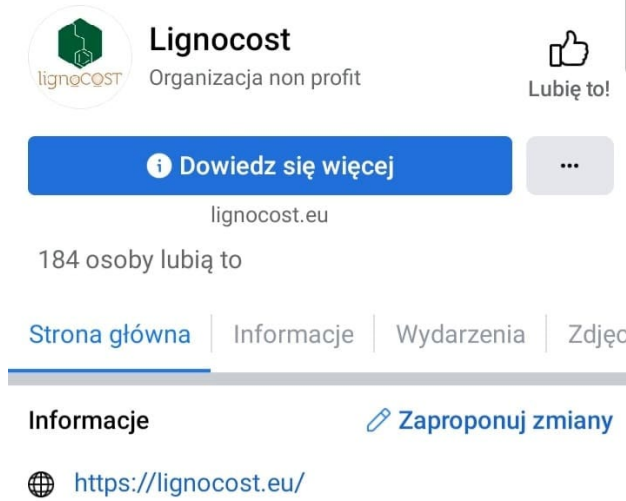
LinkedIn post by Olena Sevastyanova, 1mo. The post text reads: "Dear lignin community, Please look at the possibilities at KTH." Below the text is a photograph of the KTH building. The caption below the photo reads: "Doktorand inom WWSC: Nanolignin som en plattform för hållbara material kth.varbi.com • 3 min read". The post has 1 Like and 13 Comments.

<https://www.linkedin.com/feed/update/urn:li:activity:6984081153389379585>  
(post on lignin research possibilities at KTH)



## Communication activities - social media tools (Facebook)

- Facebook profile: <https://www.facebook.com/lignocost/>

**Lignocost**  
Organizacja non profit

Lubię to!

[Dowiedz się więcej](#)

[lignocost.eu](https://www.lignocost.eu)

184 osoby lubią to

[Strona główna](#) | [Informacje](#) | [Wydarzenia](#) | [Zdjęcia](#)

[Informacje](#) [Zaproponuj zmiany](#)

<https://www.lignocost.eu/>



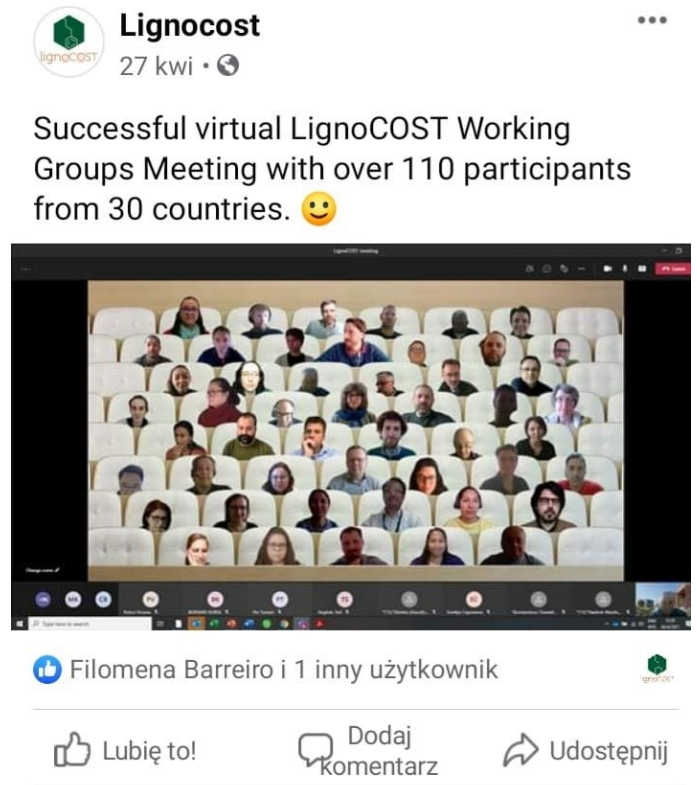
**Lignocost**  
28 maj 2020

Dear participants of Lignocost,

we are pleased to announce the launch of the 1st Lignocost Newsletter. You can find it on our website:  
<https://lignocost.eu/dissemination/newsletter/>

It contains information about who we are, what our aim is and an overview of achievements and future activities.

Lignocost team

**Lignocost**  
27 kwi

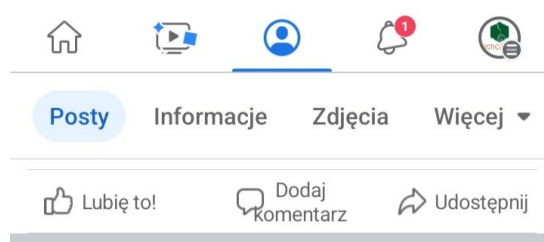
Successful virtual Lignocost Working Groups Meeting with over 110 participants from 30 countries. 😊

Filomena Barreiro i 1 inny użytkownik

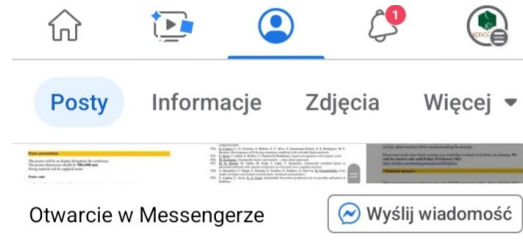
Lubię to! Dodaj komentarz Udostępnij

## Communication activities - social media tools (Facebook)

- Facebook profile: <https://www.facebook.com/lignocost/>



**Lignocost** zaktualizował(a) swoje zdjęcie profilowe.  
9 kwi 2020 · 🌐



Wyświetl statystyki i reklamy Promuj post

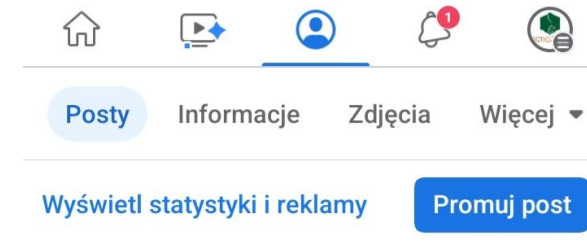
1

Lubię to! Dodaj komentarz Udostępnij

**Lignocost**  
9 wrz 2021 · 🌐

Dear lignin friends,  
We are glad to share our 2nd newsletter of #lignocost describing the progress we jointly made during the last years in our network on sustainable #lignin #valorisation :  
<https://lignocost.eu/wp-content/uploads/2021/09/210902-CA17128-LignoCost-2nd-newsletter.pdf...>  
With best regards, The LignoCOST team

lignocost.eu  
lignocost.eu



Wyświetl statystyki i reklamy Promuj post

1

Lubię to! Dodaj komentarz Udostępnij

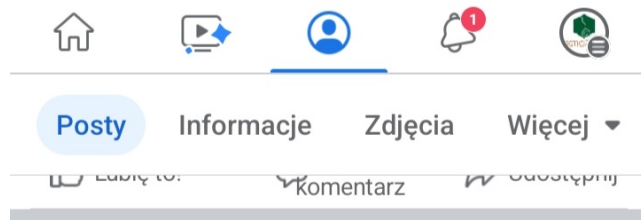
**Lignocost**  
1 wrz 2021 · 🌐

Today LignoCOST online conference and Working Groups meeting 😊



## Communication activities - social media tools (Facebook)

- Facebook profile: <https://www.facebook.com/lignocost/>



Dear LignoCOST participants,  
next week the university of Pisa and the [#lignocost](#) team will organise a 2-day ONLINE lignin conference and working groups meeting at September 1+2. In attachment you can find the agenda. If you would like to join, please send us as soon as possible an email to [lignocost@wur.nl](mailto:lignocost@wur.nl) and [jeannette.lucejko@unipi.it](mailto:jeannette.lucejko@unipi.it) to register.  
Kind regards,  
On behalf of the organising committee  
Dr. Jeannette Lucejko and Dr. Richard Gosselink



Dear lignin community,

The final dissemination event of [#LignoCOST](#) lignin conference will be held in Pisa (Italy) during 2-3 March 2023. In attachment you can find the latest program with an excellent line up of keynote speakers and a poster exhibition (>30 posters).

We kindly invite you to participate in the physical event of LignoCOST. To be able to participate, please send an e-mail to: [lignocost@wur.nl](mailto:lignocost@wur.nl) AND to Prof. Jeannette Lucejko [jeannette.lucejko@unipi.it](mailto:jeannette.lucejko@unipi.it) (from the local organizer team of the University of Pisa).

More information can be found in the attached document.

The local organizing committee  
The LignoCOST team"



# Communication activities - social media tools (Twitter)

**Twitter:** <https://twitter.com/lignocost>

Posts: [https://twitter.com/Lignocost\\_eu/status/1266049542652334081](https://twitter.com/Lignocost_eu/status/1266049542652334081) (post of the first Newsletter)

[https://twitter.com/Lignocost\\_eu/status/1348635224805150721](https://twitter.com/Lignocost_eu/status/1348635224805150721) (post of website and programmed events during 2021)



**Lignocost** @Lignocost\_eu · 11 gen  
We will organise our events during 2021 either in online mode or physical mode. Please visit our website [lignocost.eu](https://lignocost.eu) for more information on previously organised events:  
[lnkd.in/eHp8-Mh](https://lnkd.in/eHp8-Mh)  
[lnkd.in/entZMa4](https://lnkd.in/entZMa4)  
[lnkd.in/e7GpMXX](https://lnkd.in/e7GpMXX)  
  
#lignin #lignocost #cost

[lignocost.eu](https://lignocost.eu)  
Home - Lignocost



**Lignocost** @Lignocost... · 28 mag 20  
We are pleased to announce the launch of the 1st LignoCOST Newsletter. You can find it on our website: [lignocost.eu/dissemination/...](https://lignocost.eu/dissemination/) It contains information about who we are, what our aim is and an overview of achievements and future activities.  
#lignin #lignocost #biorefinery #cost

Newsletter - Lignocost  
[lignocost.eu](https://lignocost.eu)



Hai ritwittato

**Ramon Fernando Colmen...** · 14 mag  
I am very pleased that these cooperation networks can be woven within the framework of @Lignocost\_eu and the research work developed by the @COSTprogramme  
#Cooperation #Research

**Jefatura Nal. de Inves...** · 14 mag  
We welcome Professor Jaroslava Svarc from the Faculty of Technology, @RektoratUNS, Serbia, who arrived on May 9, 2021 in the framework of the @Lignocost\_eu...



Hai ritwittato

**Tehnološki fakultet Novi...** · 14 ott 20  
Radionica "Current status of lignin valorisation in Europe" u okviru COST akcije 17128 "Establishment of a Pan-European Network on the Sustainable Valorisation of Lignin" održana je online 12. oktobra 2020. uz aktivno učešće članova istraživačkog tima sa TFNS. @Lignocost\_eu

## Other Dissemination & communication activities

- ❖ **Special Issue in gold open access journal**
- ❖ **Other suggestions**

## Send us your D&C activities

- **Publications and conference presentations, that acknowledge LignoCOST**, with authors from one or more countries. Please have a look at the attached inventory and send us what is not included.  
We are especially missing conference presentations !  
Please **don't include presentations that have been made during the events organized by LignoCOST**.  
Please include **web-links, and audio-visual material if available**, related to the conferences/presentations.
- Other dissemination activities: For example, participation to non-Action meetings, such as EU organizations, meetings with policy makers, experts in the field, regional authorities, etc. Please add a link or relative material if available.
- Any post that you have made on your websites and social media, via which you present and promote the activities of LignoCOST
- Any other link, audio or visual material that is promoting LignoCOST activities



## How-to-acknowledge-COST

- **Acknowledgement in a paper, abstract, conference proceeding, for work related to an STSM:**

This article/publication is based upon work from the Short Term Scientific Mission (STSM) of Dr. ????, COST Action LignoCOST (CA17128), supported by COST (European Cooperation in Science and Technology, [www.cost.eu](http://www.cost.eu)).

Or

This work was based on the Short Term Scientific Mission (STSM) of Dr. ????, COST Action LignoCOST (CA17128), supported by COST (European Cooperation in Science and Technology, [www.cost.eu](http://www.cost.eu)).

- **Acknowledgement in a paper, abstract, conference proceeding, not related to an STSM:**

The contribution of COST Action LignoCOST (CA17128), supported by COST (European Cooperation in Science and Technology, [www.cost.eu](http://www.cost.eu)), in promoting interaction, exchange of knowledge and collaborations in the field of lignin valorization is gratefully acknowledged.

- **More information on how to acknowledgement COST, e.g. in posters, and other dissemination/communication rules can be found at:**
- [Guidelines for COST Actions to acknowledge COST as a funding source](#)
- [COST visual identity | Tips & Tricks for COST Action participants](#)