Communication & Dissemination activities

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

April 17th, 2023

Communication & dissemination tools used

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

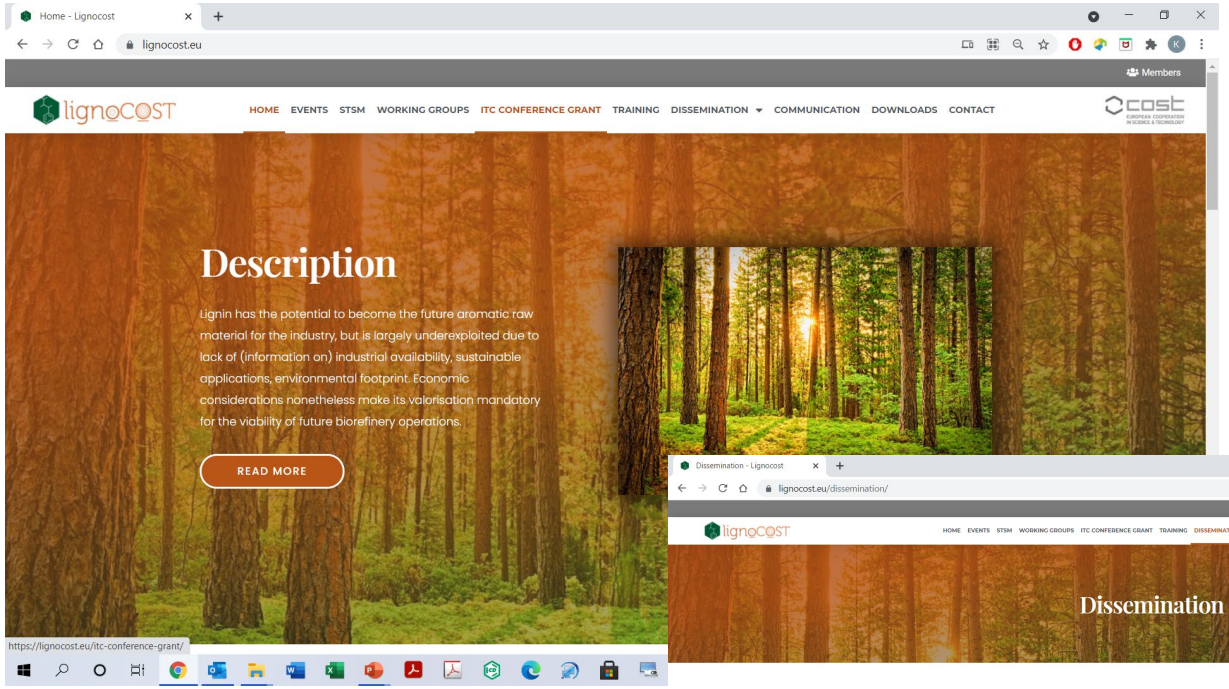
- *Newsletters, wider audience articles*
- *Posters, banners, flyers*

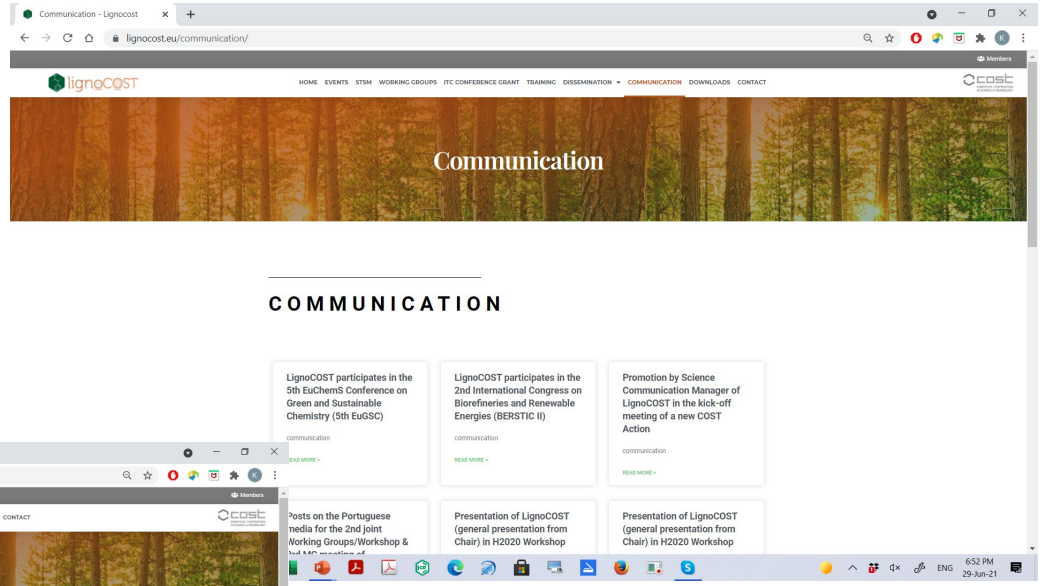
- *Organization of conference on lignin, workshops (scientific and stakeholders), training schools*
- *Participation in conferences, workshops, exhibitions*

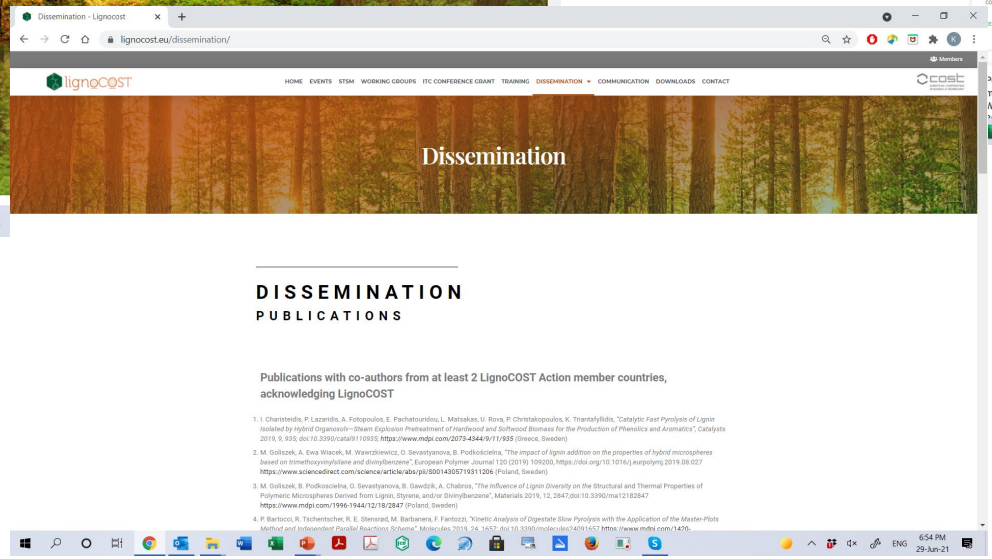
- *Joint scientific publications and other technical documents*
- ***Special issue on lignin in gold open access journal***

- ***Open access WikiLignin database***

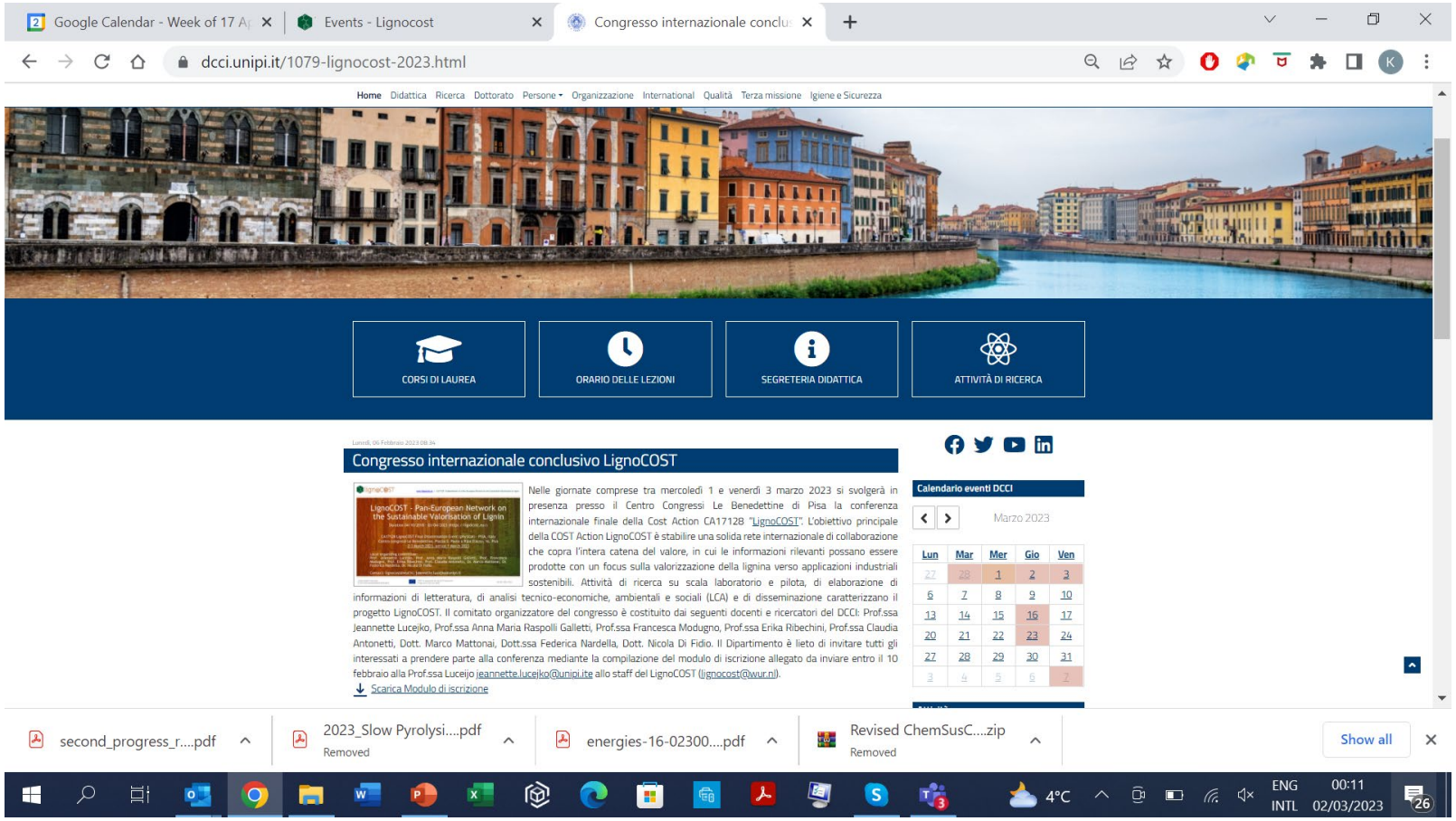
Action Website https://lignocost.eu/







Dissemination activities



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

Dissemination activities

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

Dissemination activities

LignoCity

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 Gosselink, 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)

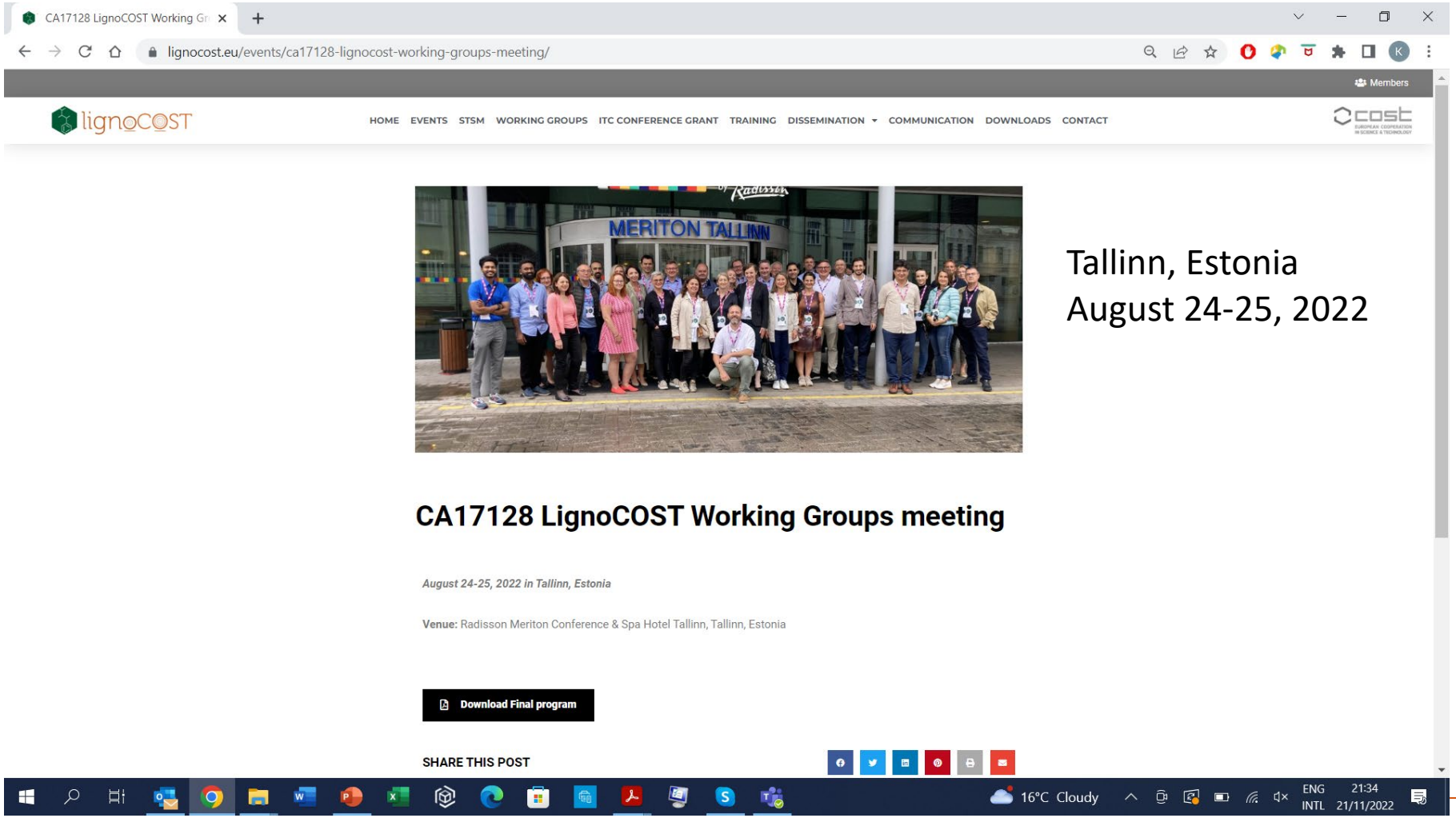
RI. SE

lignoCOST
www.lignocost.eu

Time Feb 20, 2023 01:00 PM in Stockholm

First Name* Last Name*

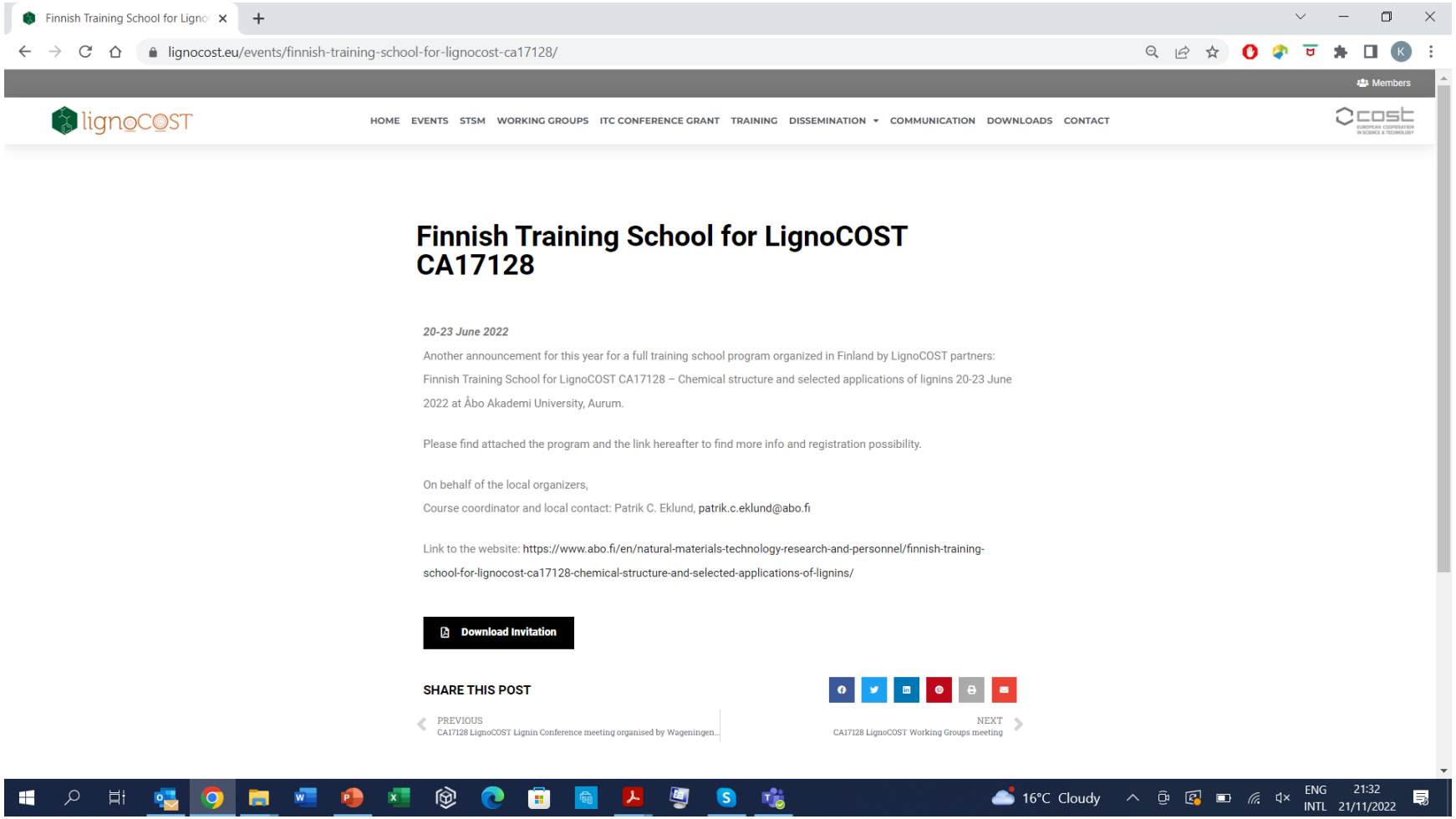
Dissemination activities



Tallinn, Estonia
August 24-25, 2022

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

Dissemination activities



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

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. Wawrzkiewicz, 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. Podkoscielna, 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 Divinylb*enzene", 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 (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 Kołodynska, 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 Bkoor 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 Křístková, 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. Lindström, 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. Bruijnincx, 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. Bruijnincx, 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.; Burokiené, 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
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 multicompound 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, Servia) – 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 Pulping 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 CO2-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 multicompound 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)

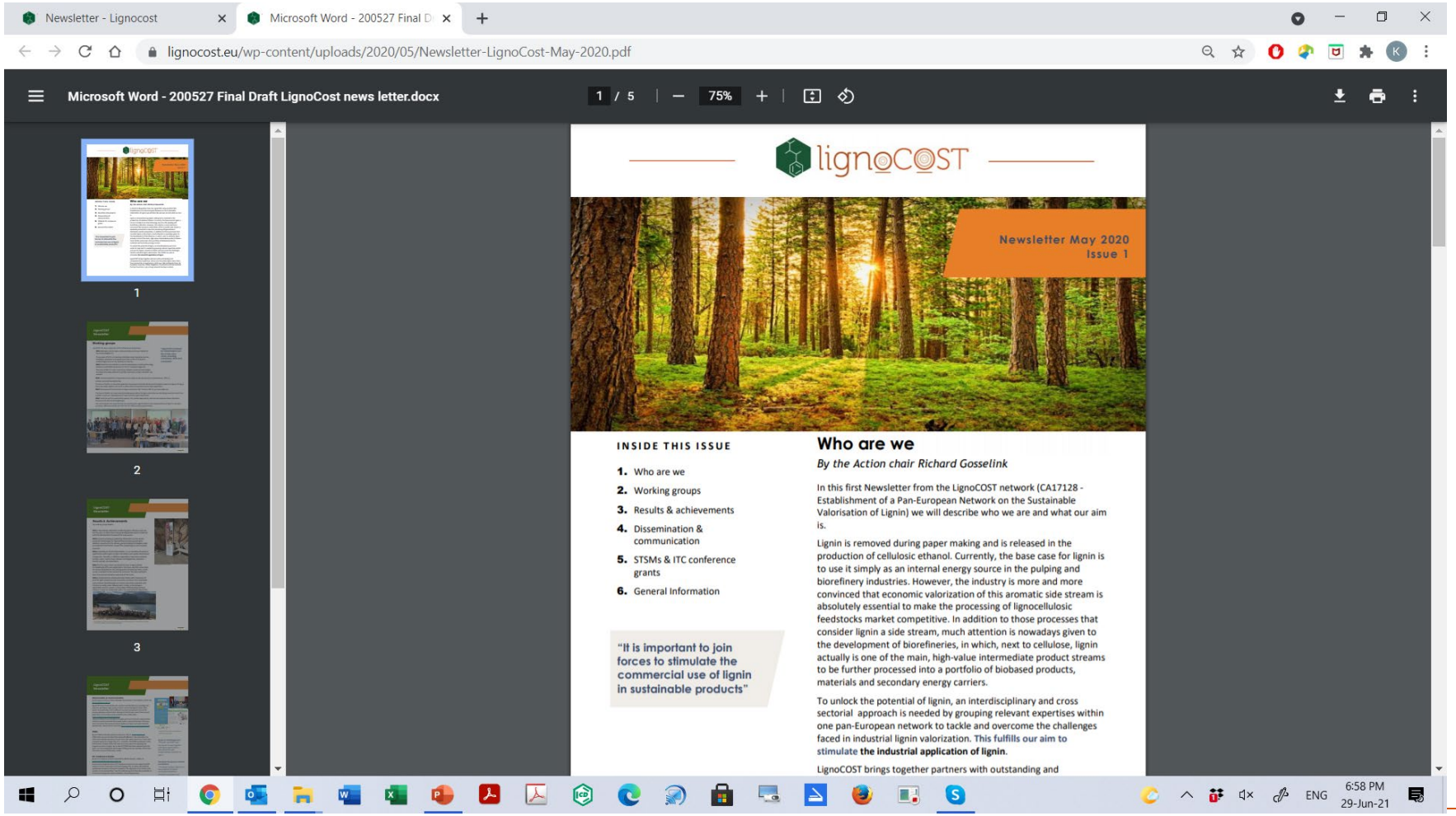
Dissemination activities - conference presentations

❖ **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 - 1st Newsletter



1st Newsletter LignoCOST May 2020

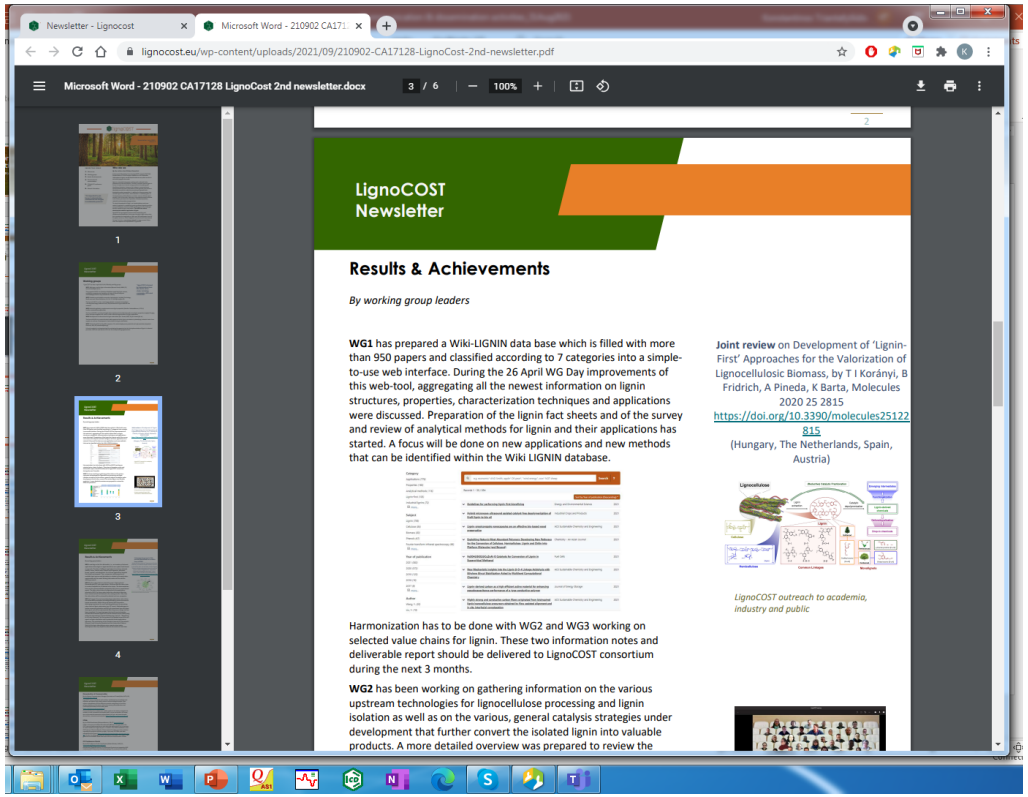
The first Newsletter from the LignoCOST network (CA17128 - Establishment of a Pan- European Network on the Sustainable Valorisation of Lignin) which describes its structure and members, its main aim and objectives, as well as representative activities in the first period of operation.

Dissemination of Newwletter in Basecamp, COST Association (forum of SCM):
https://3.basecamp.com/4451333/buckets/15923135/documents/2702452817

2nd Newsletter LignoCost

is coming up soon !!

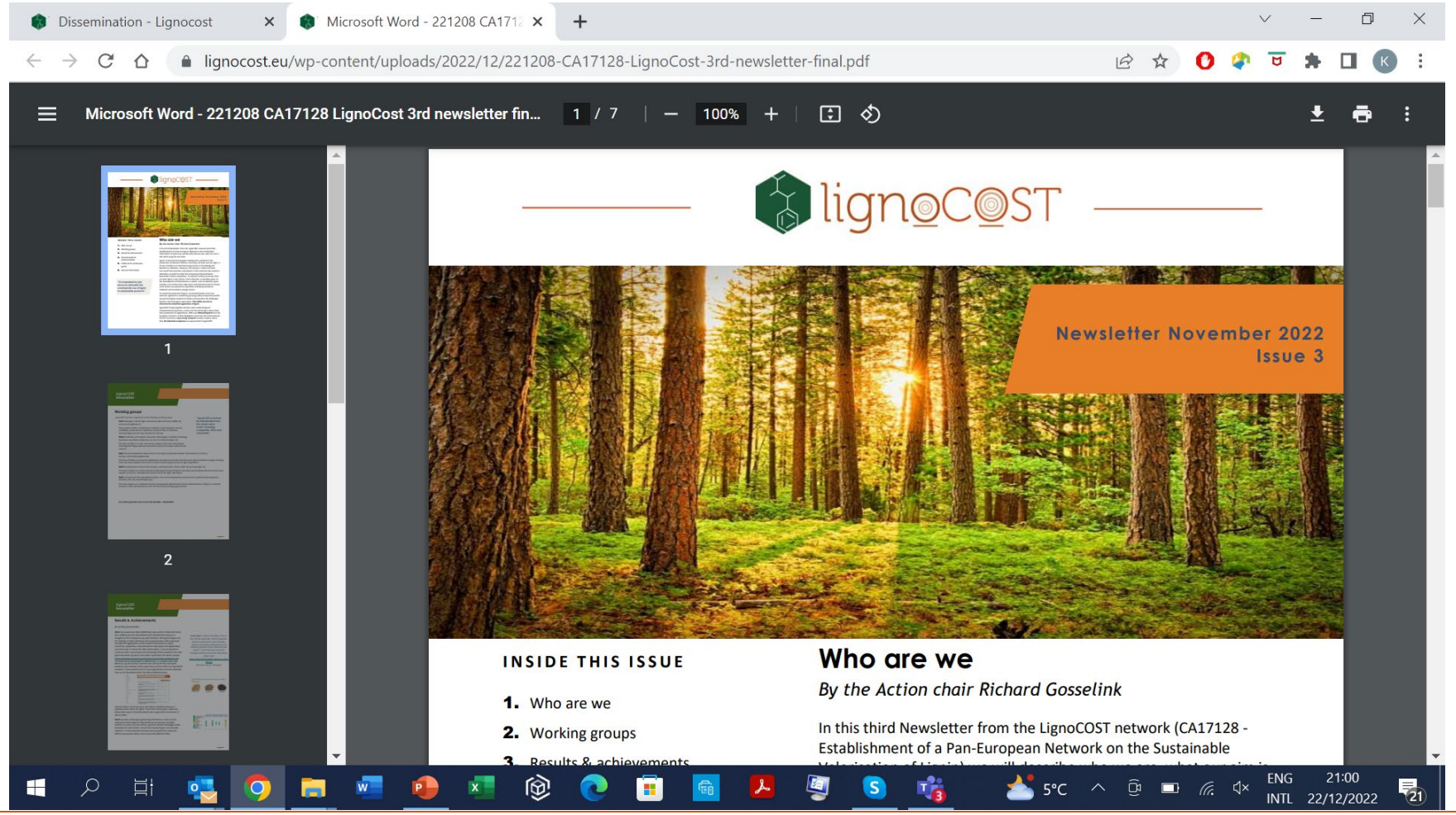
Communication activities - 2nd Newsletter



[2nd 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 2nd and 3rd period of operation.

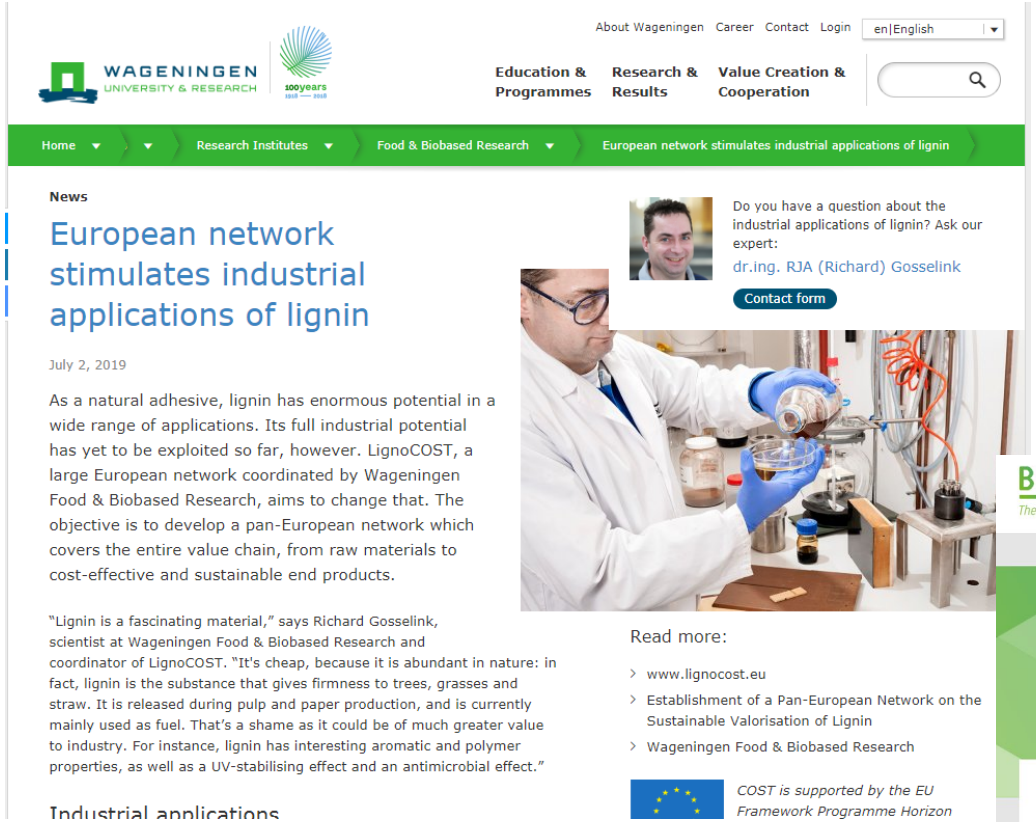
Communication activities - 3rd Newsletter

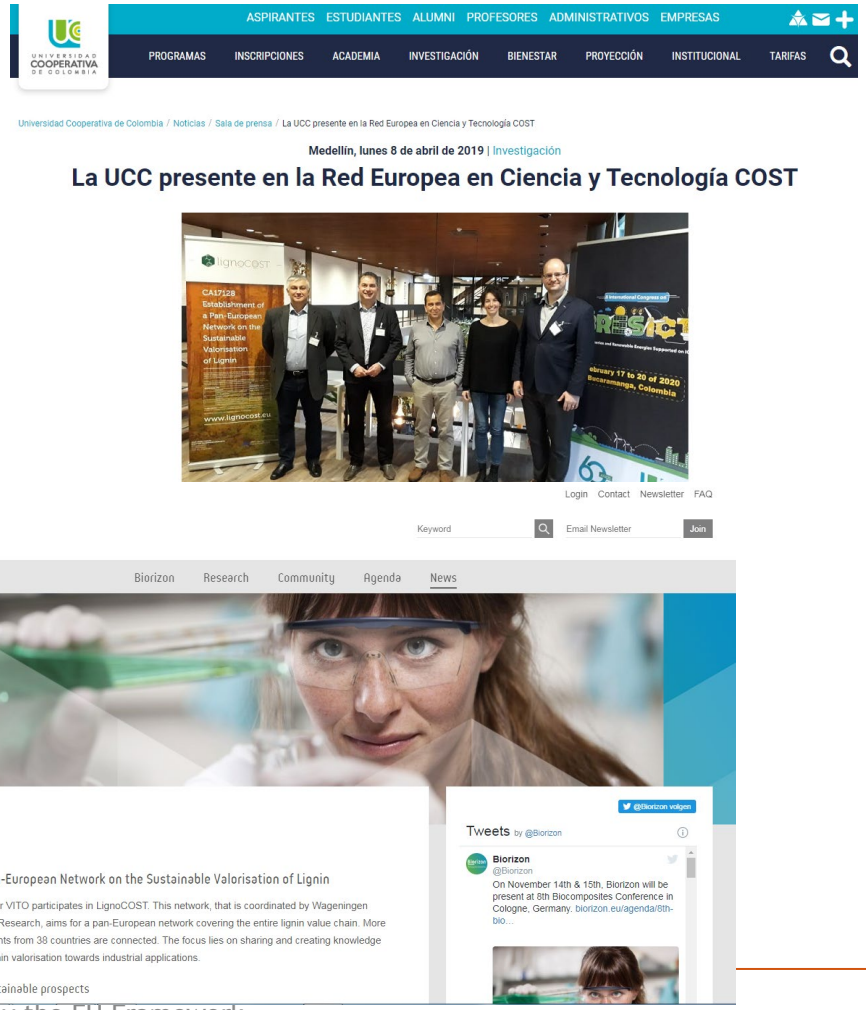


3rd Newsletter LignoCOST November 2022

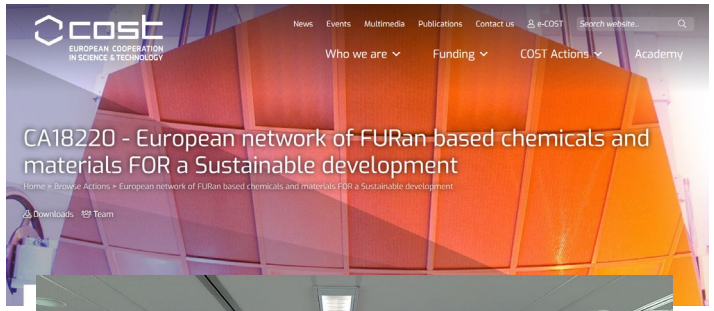
The second Newsletter from the LignoCOST network (CA17128 - Establishment of a Pan- European Network on the Sustainable Valorisation of Lignin) which describes its structure and members, its main aim and objectives, as well as representative activities in the 3rd and 4th period of operation.

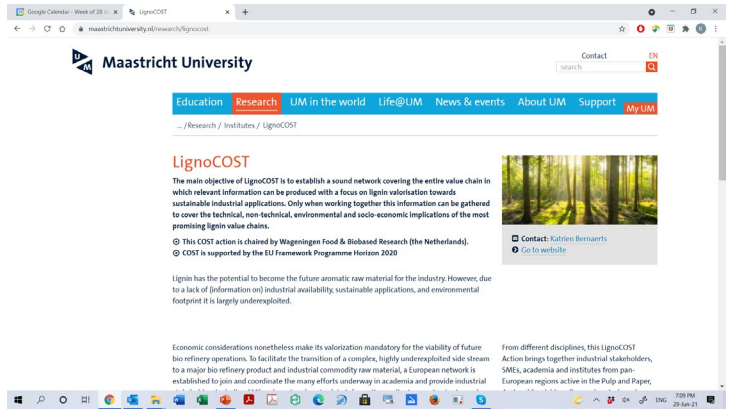
Communication activities

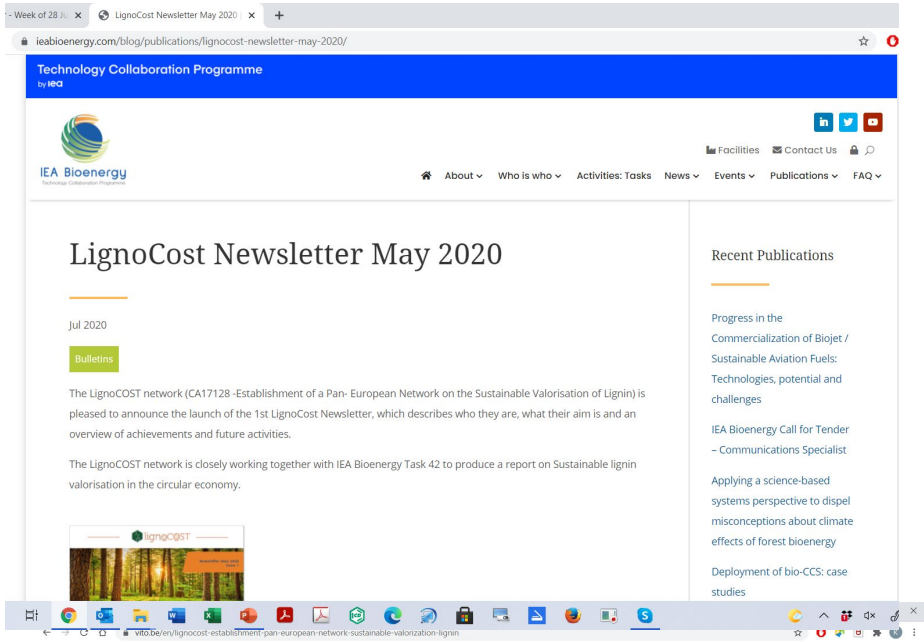




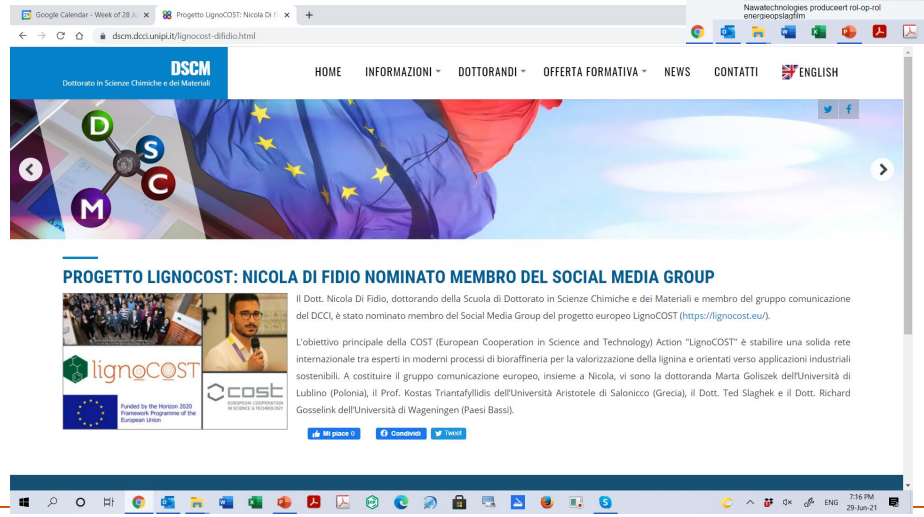
Communication activities

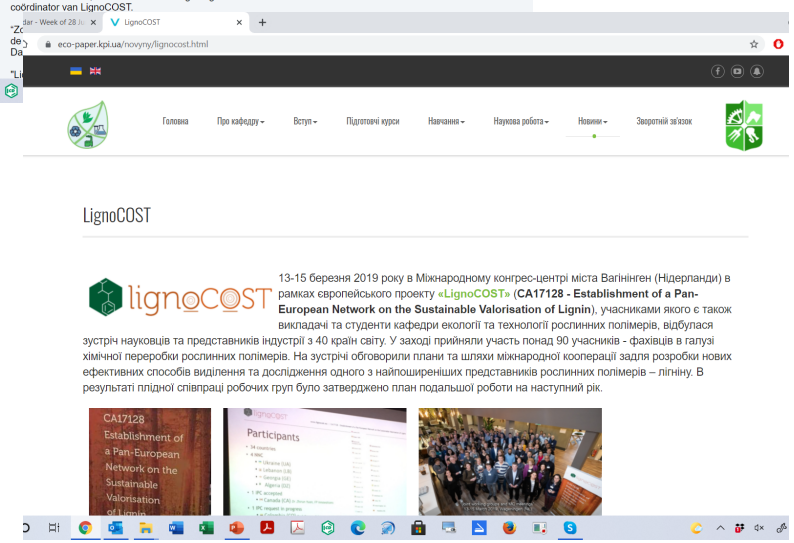




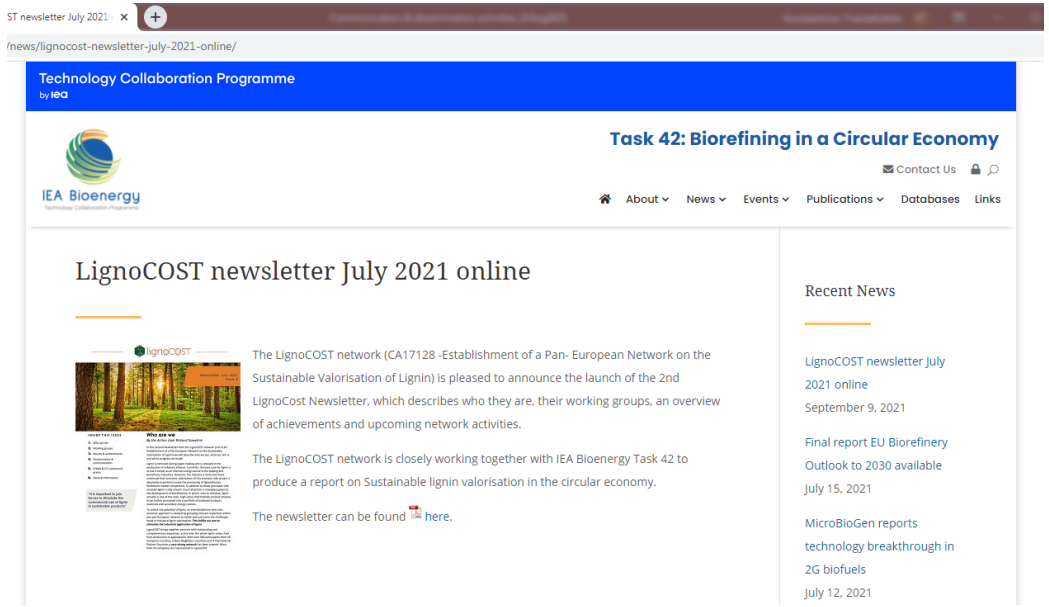


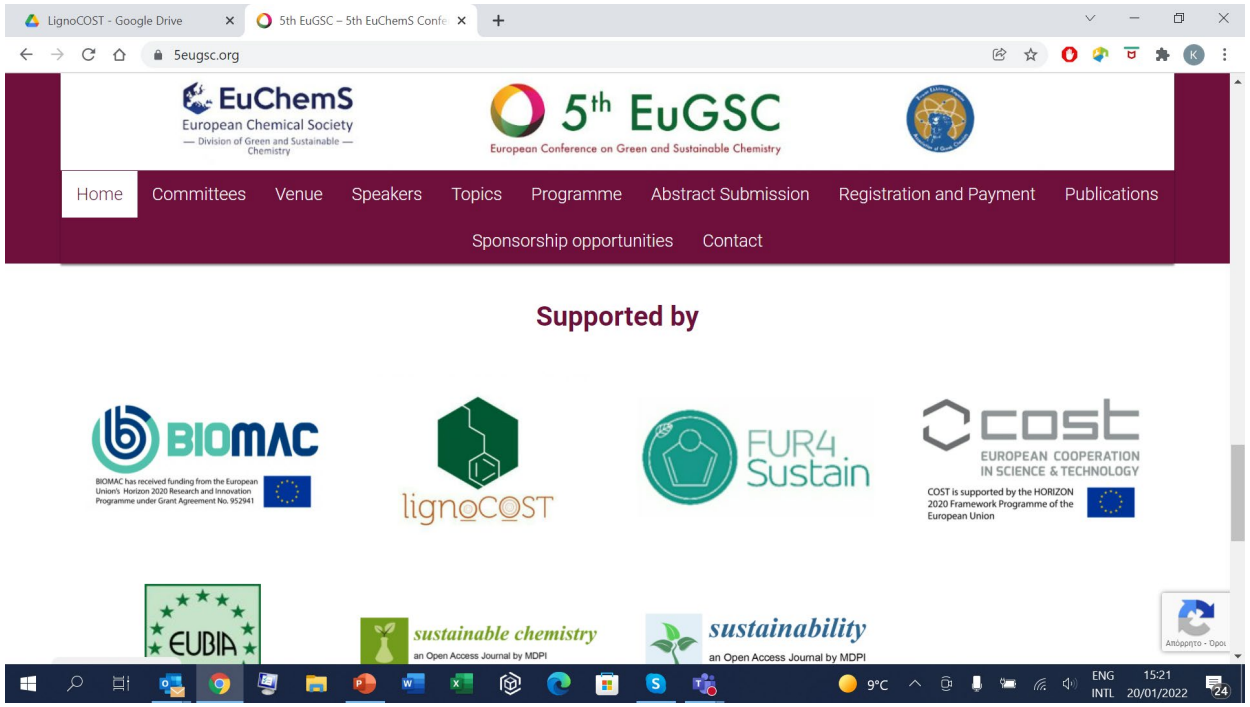
Communication activities



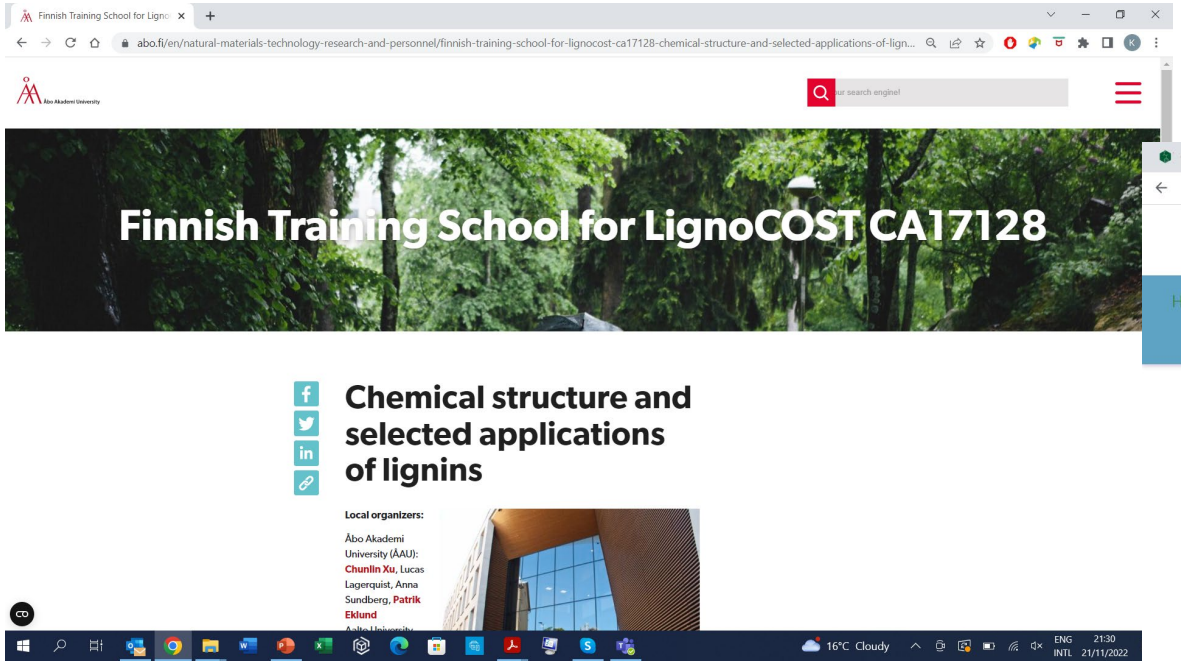


Communication activities



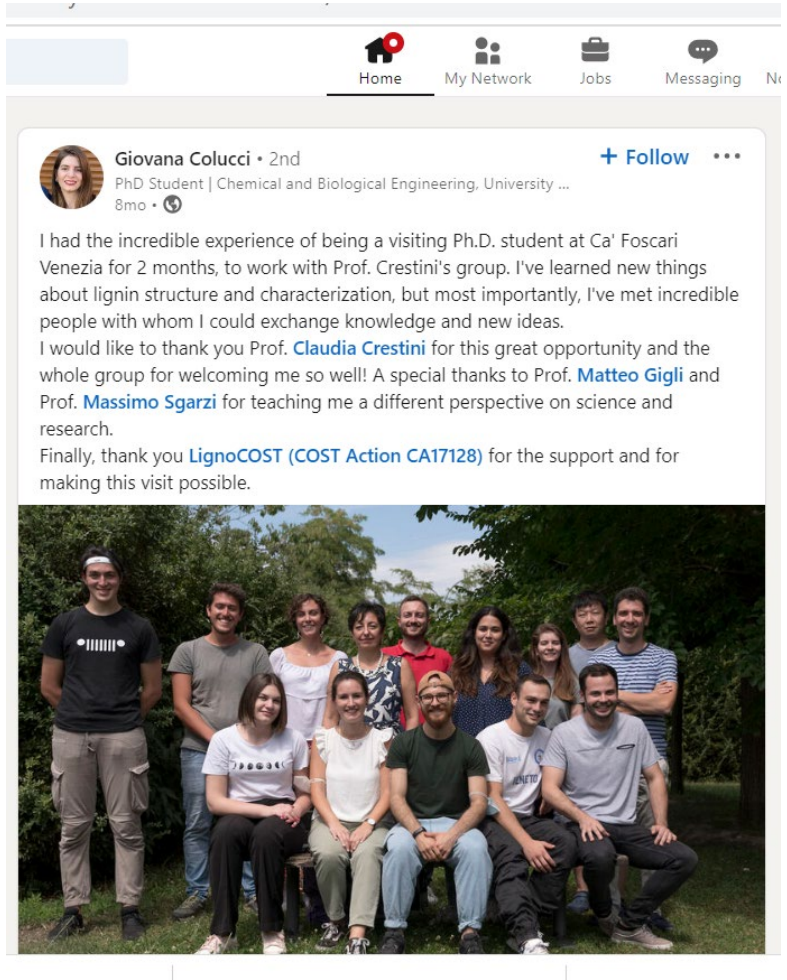


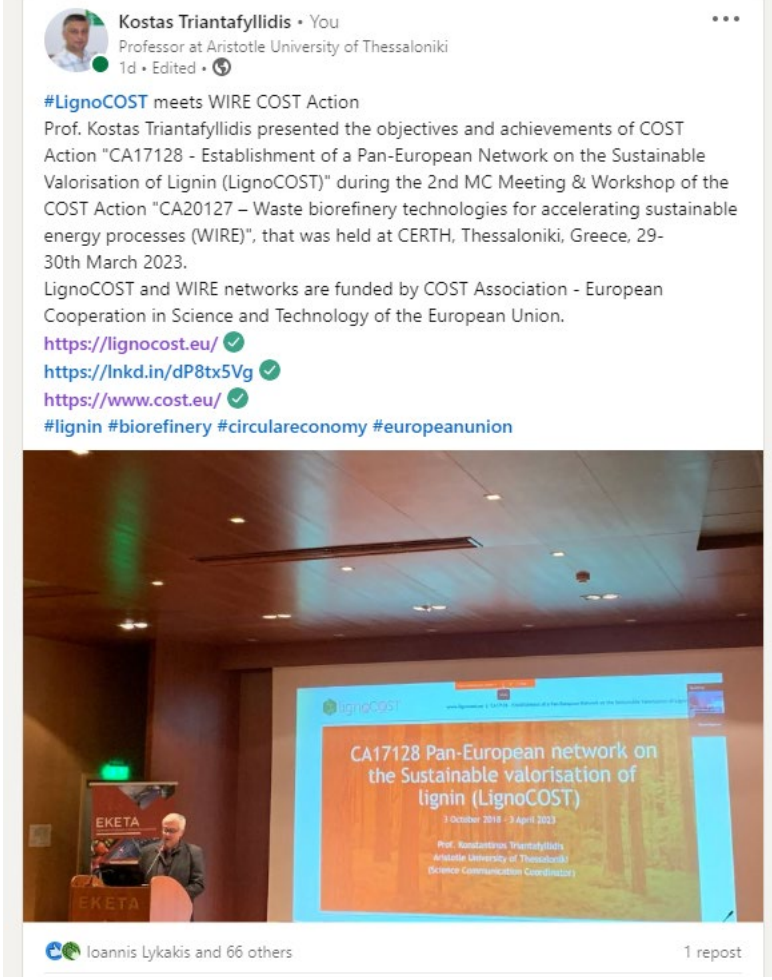
Communication activities



Communication activities

Communication activities





Communication activities

- 15/1/2019: Posts on Spanish media of the joint LignoCOST – Lignoval (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: 1st 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 2nd joint Working Groups/Workshop & 3rd MC meeting of LignoCOST, in Regua, Portugal. Link to the press new (newspaper: Kapital do Nordeste): http://www.kapitaldonordeste.pt/cimo-ipb-responsavel-por-acoes-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 2nd 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://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 2nd 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.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

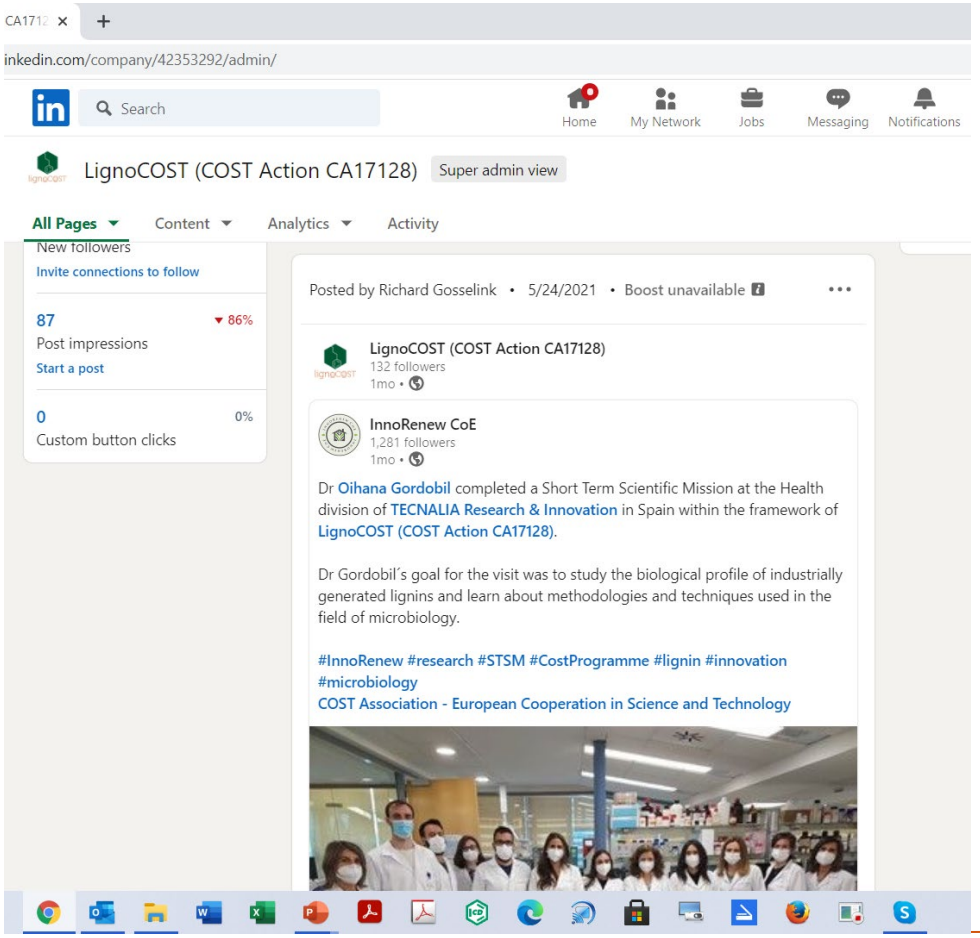
https://lignocost.eu/events/ca17128-lignocost-working-groups-meeting/

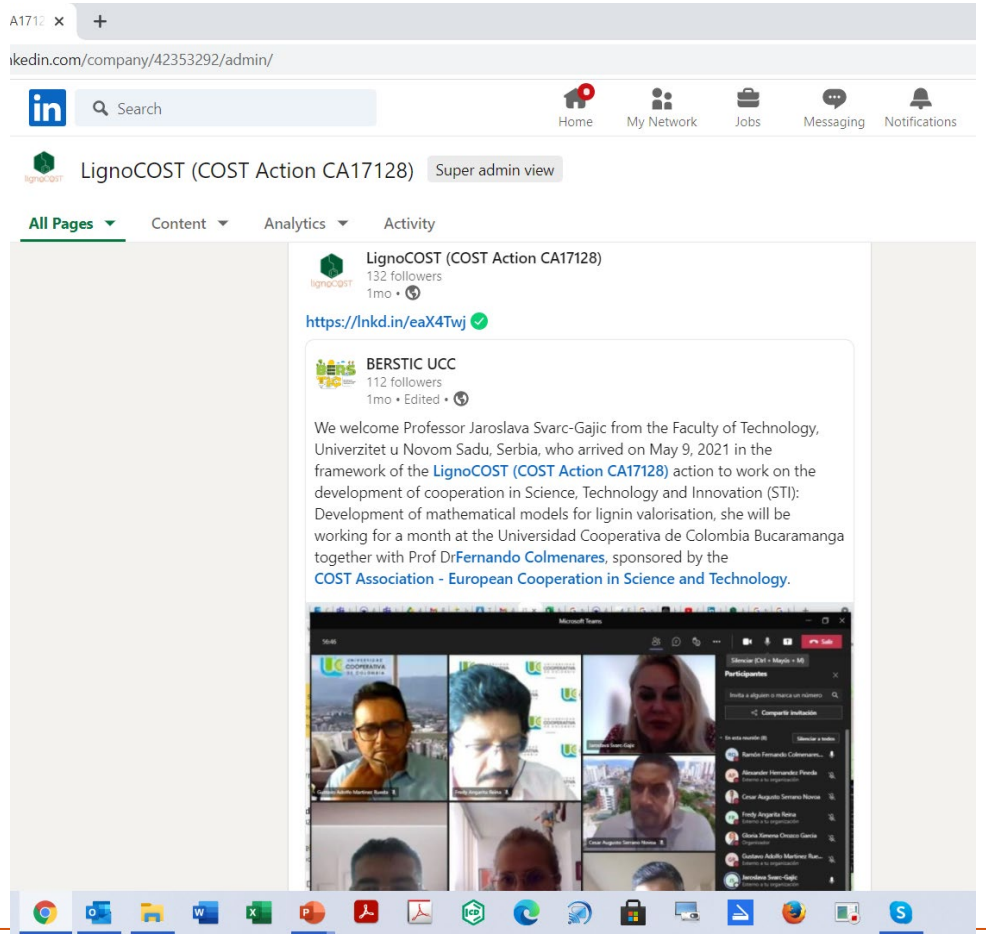
- 30 / 3/ 2023: #LignoCOST meets WIRE COST Action

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

Communication activities - social media tools (LinkedIn)

- **Linkedin profile:** https://www.linkedin.com/company/lignocost





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

Communication activities - social media tools (LinkedIn)

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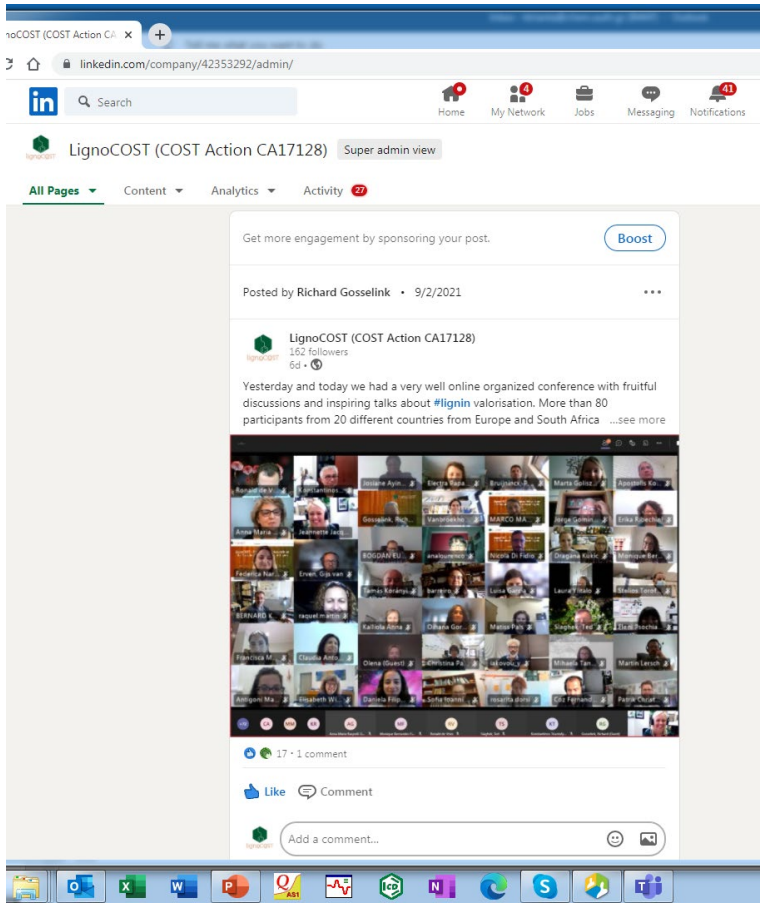

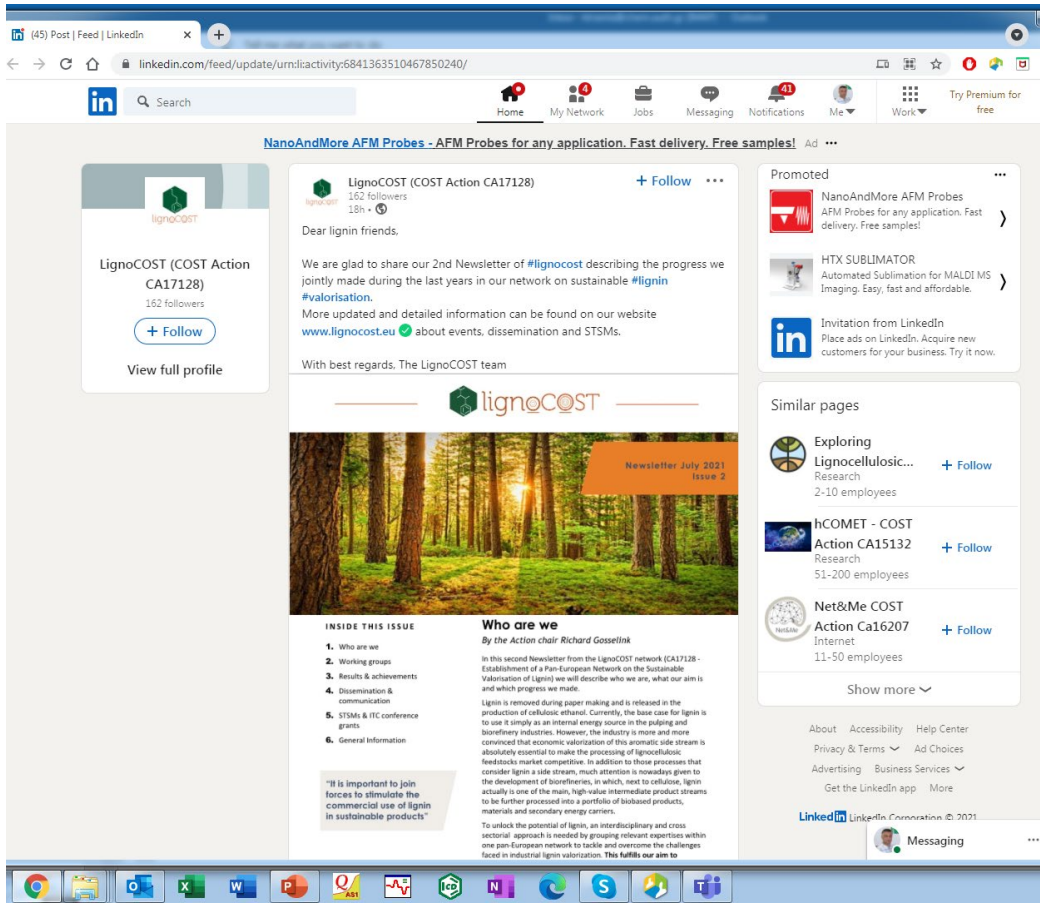

Posts:
https://www.linkedin.com/feed/update/urn:li:activity:6841363510467850240/ (post of the second Newsletter)

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

Communication activities - social media tools (LinkedIn)

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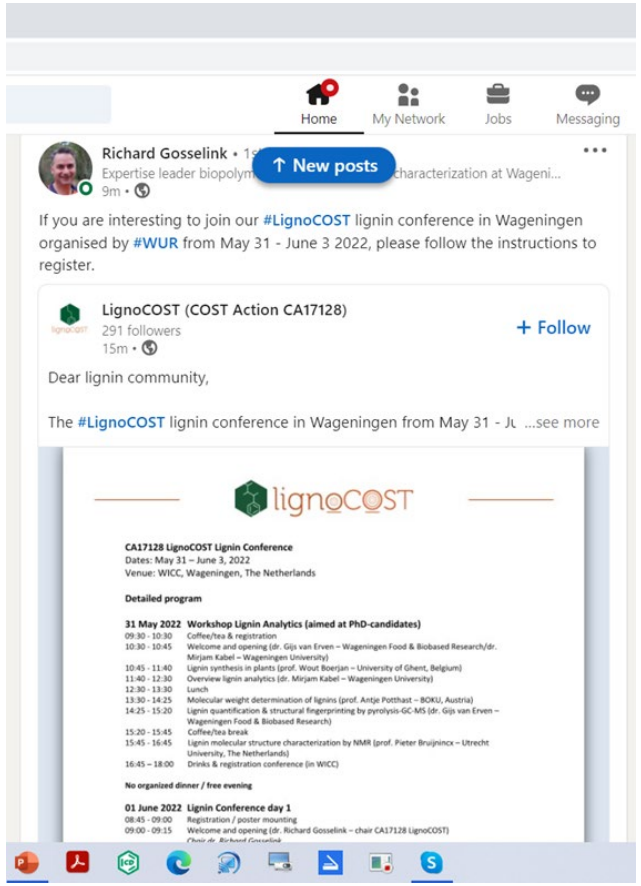
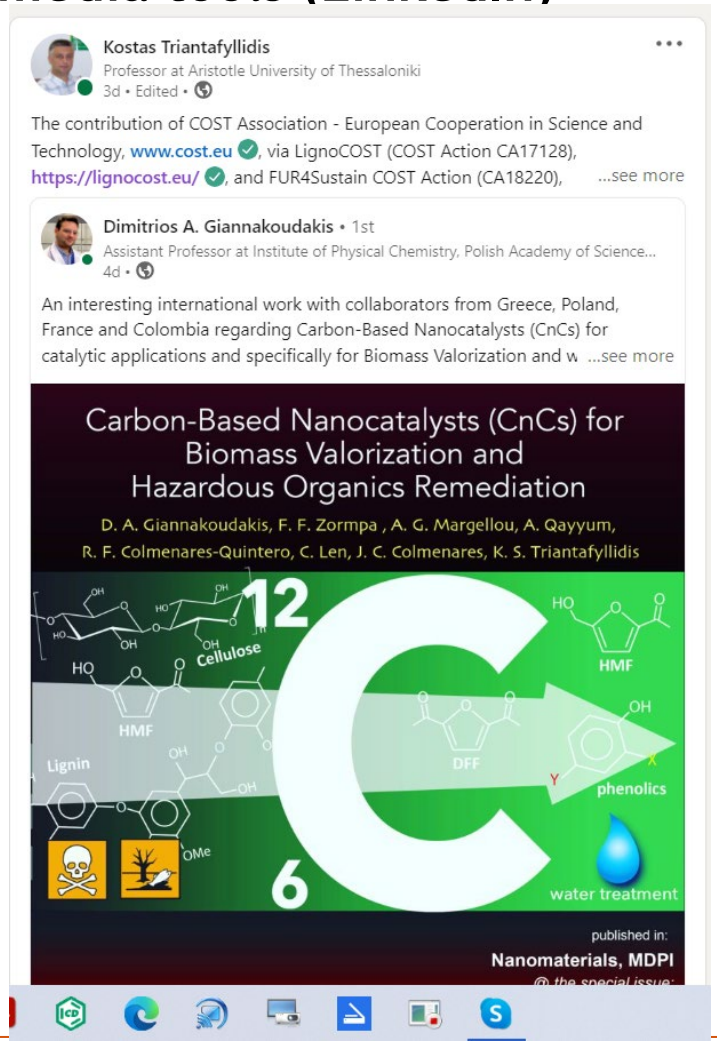


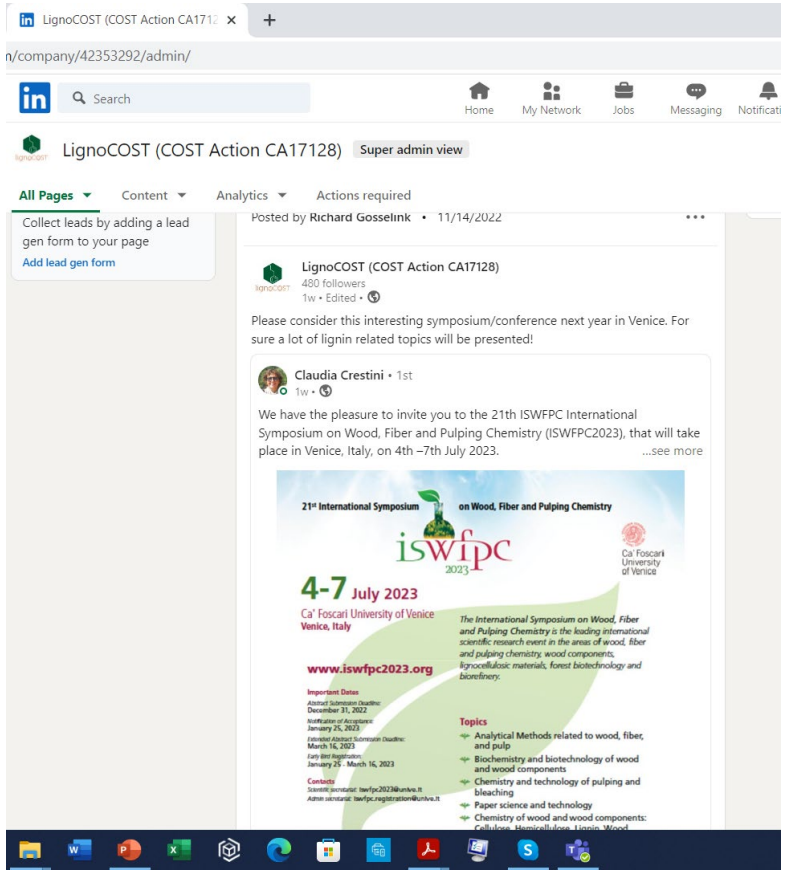
Posts:
https://www.linkedin.com/posts/richard-gosselink_final-program-lignocost-lignin-conference-activity-6932709647237709824-95wG?utm_source=linkedin_share&utm_medium=member_desktop_web
(post of the Final Conference on "Lignin Valorization" organized by LignoCOST



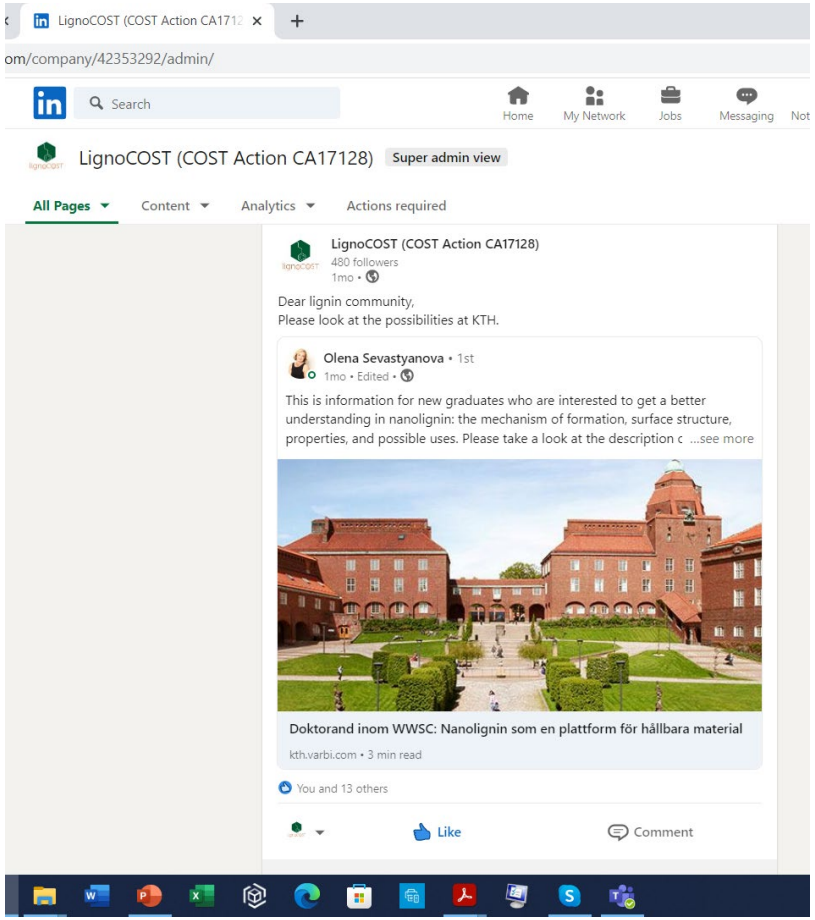
https://www.linkedin.com/posts/kostas-triantafyllidis-86916111_mdpiopenaccess-heterogeneouscatalysis-nanotecnologia-activity-6931542126098808832-65as?utm_source=linkedin_share&utm_medium=member_desktop_web
(post of a joint review paper co-authored by colleagues form Greece, Poland, France and Colombia !)

Communication activities - social media tools (LinkedIn)

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



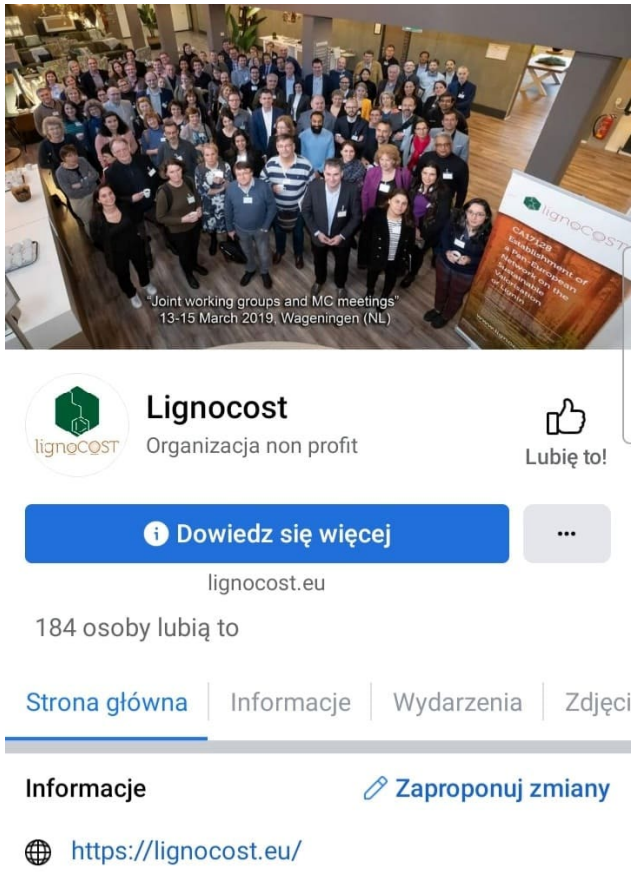
Posts:
https://www.linkedin.com/feed/update/urn:li:activity:6997848228352114688
(post on the organization of the 21th ISWFPC International Symposium on Wood, Fiber and Pulping Chemistry (ISWFPC2023), that will take place in Venice, Italy, on 4th –7th July 2023.

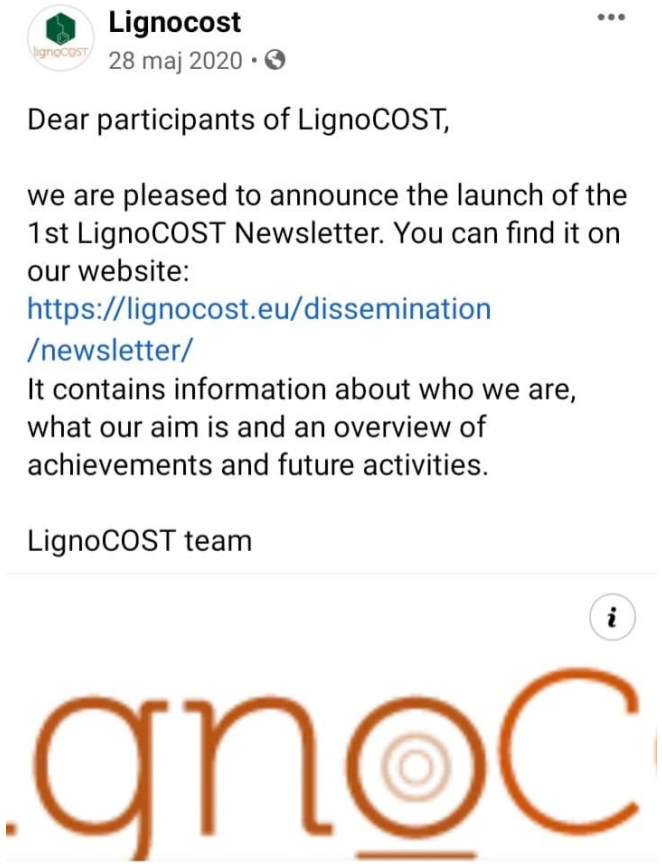


https://www.linkedin.com/feed/update/urn:li:activity:6984081153389379585
(post on lignin research possibilities at KTH)

Communication activities - social media tools (Facebook)

- **Facebook profile:** https://www.facebook.com/lignocost/





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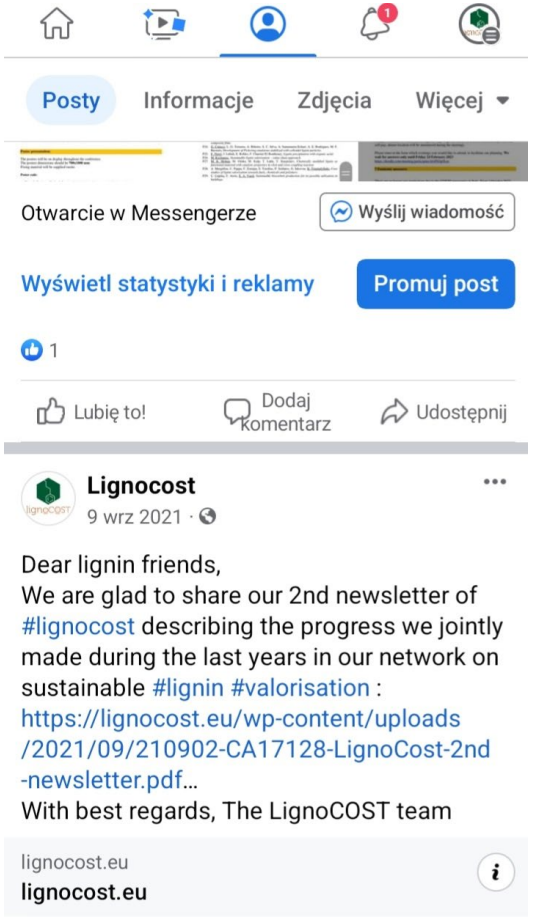
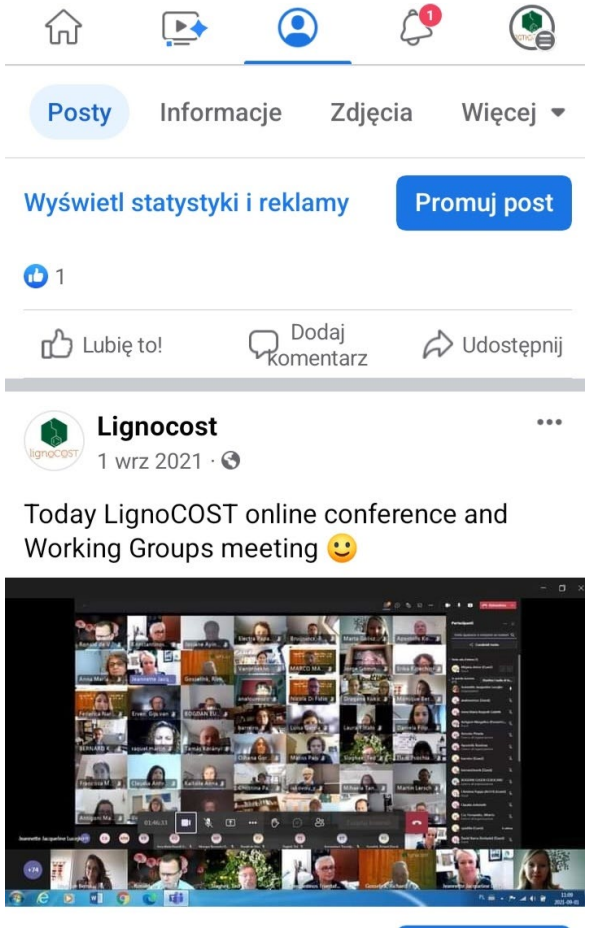




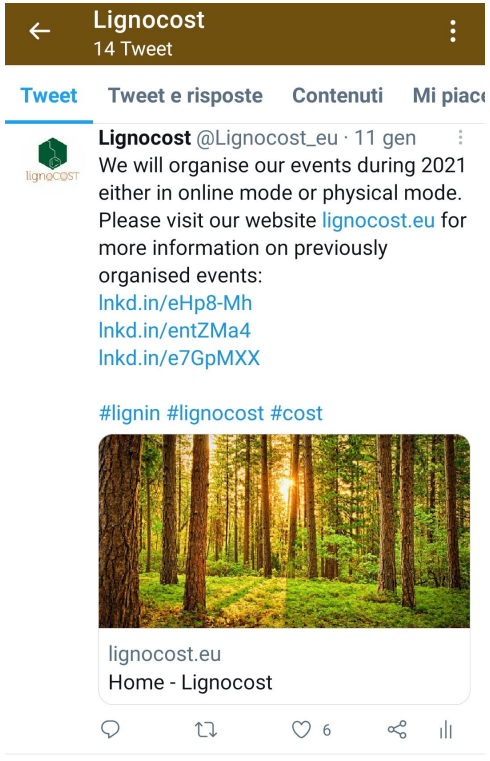
Communication activities – social media tools (Facebook)

- **Facebook profile:** https://www.facebook.com/lignocost/

Communication activities - social media tools (Twitter)

Twitter: https://twitter.com/lignocost

Posts: https://twitter.com/Lignocost_eu/status/1266049542652334081 (post of the first Newsletter)
https://twitter.com/Lignocost_eu/status/1348635224805150721 (post of website and programmed events during 2021)



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 LignCOST 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).

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).

- **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), 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