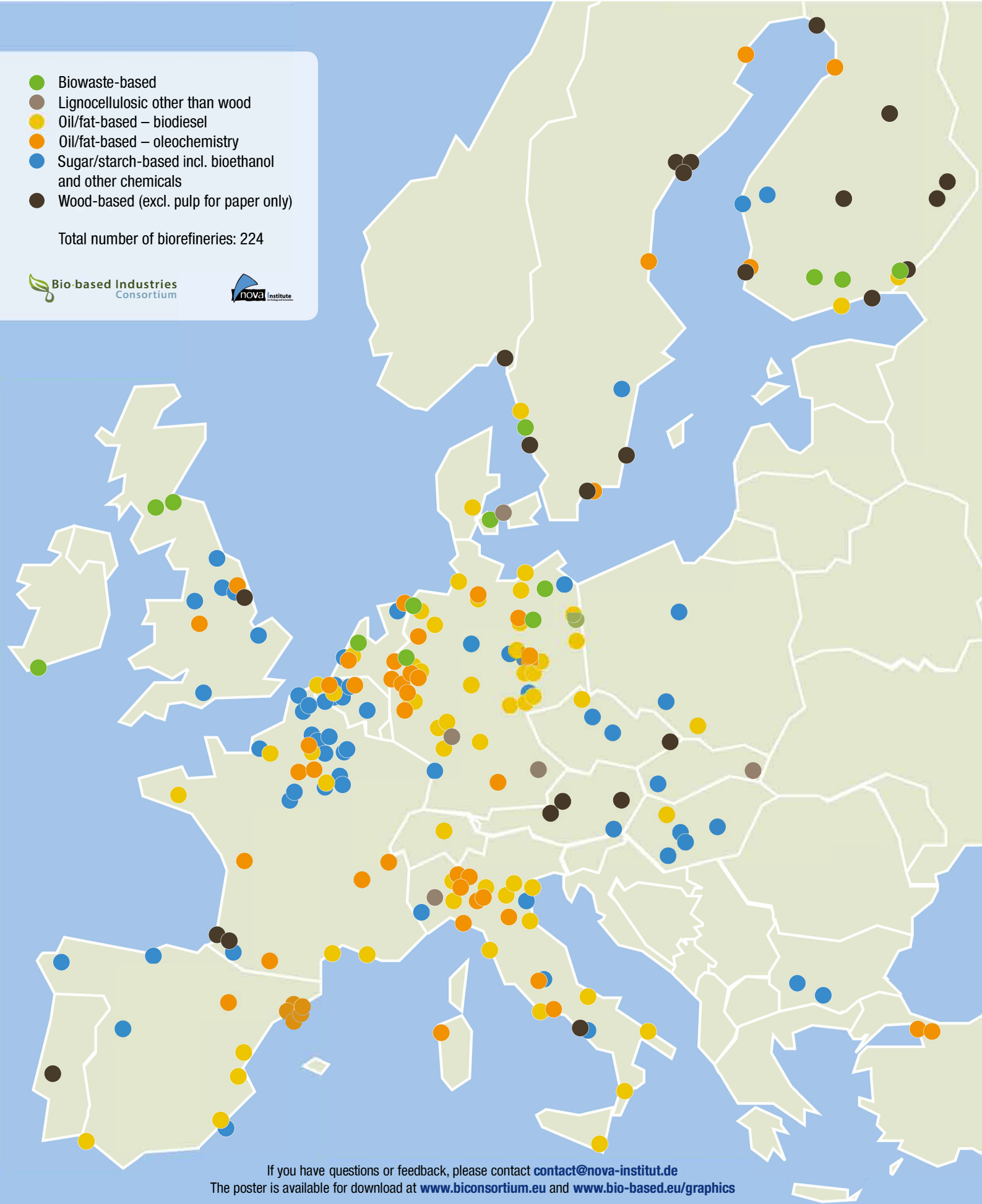


# Biorefineries in Europe 2017

- Biowaste-based
- Lignocellulosic other than wood
- Oil/fat-based – biodiesel
- Oil/fat-based – oleochemistry
- Sugar/starch-based incl. bioethanol and other chemicals
- Wood-based (excl. pulp for paper only)

Total number of biorefineries: 224



## Biorefineries in Europe 2017 – Appendix

Name of Production Plant	Country
Hallein Mill	Austria
Heiligenkreuz Pulp Mill	Austria
Lenzing Pulp Mill	Austria
Pischelsdorf Biorefinery	Austria
Aalst Plant	Belgium
Alco Bio Fuel Plant	Belgium
Avantium	Belgium
Bioro	Belgium
BioWanze S.A. (CropEnergies)	Belgium
Galactic Escanaffles	Belgium
Oleon NV 1	Belgium
Oleon NV 2	Belgium
Proviron	Belgium
Almagest AD	Bulgaria
Essentica Ethanol Factory	Bulgaria
Chrudim Plant (Tereos)	Czech Republik
Dobrovice Plant (Tereos)	Czech Republik
Paskov Mill	Czech Republik
Daka ecoMotion	Denmark
EMMELEV A/S	Denmark
Inbicon Biomass Refinery	Denmark
Altia Koskenkorva	Finland
Cellunolix Ethanol Plant (NEOT)	Finland
Enocell Mill	Finland
Forchem Biorefinery	Finland
Hämeenlinna Biolonix Plant (St1 Biofuels Oy)	Finland
Joensuu Bio-oil Plant	Finland
Kraton Refinery	Finland
Lahti Etanolix Plant (St1 Biofuels Oy)	Finland
Lappeenranta Etanolix Plant	Finland
Metsä Bioproduct Mill	Finland
Närpiö Etanolix Plant	Finland
Neste Biorefinery in Kilpilahti Refinery	Finland
Pulp Mill 1	Finland
Pulp Mill 2	Finland
Pulp Mill 3	Finland
Sunila Mill	Finland

## Biorefineries in Europe 2017 – Appendix

Name of Production Plant	Country
UPM Lappeenranta Biorefinery	Finland
Abengoa Biorefinery Lacq Plant	France
Artenay Plant (Tereos)	France
Avril (Diester Industrie) 1	France
Avril (Diester Industrie) 2	France
Avril (Diester Industrie) 3	France
Avril (Diester Industrie) 4	France
Avril (Diester Industrie) 5	France
BASF Health and Care Products France S.A.S. 1	France
BASF Health and Care Products France S.A.S. 2	France
Bio-based Succinic Acid Plant	France
Bucy Plant (Tereos)	France
Connantre-Morains Plant	France
D.R.T. Derivatives Résiniques and Terpeniques	France
Distillery Arcis sur Aube (Cristal Union)	France
Distillery Bazancourt II (Cristal Union)	France
Distillery Cristanol (Bazancourt I) (Cristal Union)	France
Distillery Toury (Cristal Union)	France
Gattefossé Holding	France
Kraton Refinery	France
Lestrem Starch Biorefinery	France
Lillebone Plant	France
Lillers Plant	France
Nesle Plant	France
Oleon S.A.S.	France
Origny Plant	France
Roquette-Bioethanol-Beinheim	France
Ryssen Alcools S.A.S., Loon-Plage (CropEnergies)	France
Saint Louis Sucre Epeville	France
Soufflet (SMBE)	France
Stearinerie Dubois Fils	France
Tembec Tartas	France
TOTAL La Mède Biorefinery	France
ADM Hamburg AG -Hamburg Plant-	Germany
ADM Hamburg AG -Leer Plant-	Germany
ADM Mainz GmbH	Germany
Baerlocher GmbH	Germany

## Biorefineries in Europe 2017 – Appendix

Name of Production Plant	Country
Barby Plant (Cargill)	Germany
BASF Personal Care and Nutrition GmbH 1	Germany
BASF Personal Care and Nutrition GmbH 2	Germany
BIO.Diesel Wittenberge GmbH	Germany
Bioeton Kyritz GmbH	Germany
Biopetrol Rostock GmbH	Germany
Biowerk Sohland GmbH	Germany
Biowert Biorefinery	Germany
BKK Biodiesel GmbH	Germany
Bunge Deutschland GmbH	Germany
Cargill GmbH	Germany
Cremer Oleo GmbH & Co. KG	Germany
CropEnergies Bioethanol GmbH	Germany
EAI Thüringer Methylesterwerke GmbH (TME)	Germany
Ecogreen Oleochemicals GmbH	Germany
ecoMotion GmbH 1	Germany
ecoMotion GmbH 2	Germany
ecoMotion GmbH 3	Germany
Emery Oleochemicals GmbH	Germany
Evonik Industries AG	Germany
Ful 21 Klein Wanzleben Refinery (Nordzucker)	Germany
german biofuels GmbH	Germany
Glencore	Germany
Gulf Biodiesel Halle GmbH	Germany
IOI Oleo GmbH 1	Germany
IOI Oleo GmbH 2	Germany
Kao Chemicals GmbH	Germany
KFS Biodiesel GmbH & Co. KG 1	Germany
KFS Biodiesel GmbH & Co. KG 2	Germany
KFS Biodiesel GmbH & Co. KG 3	Germany
KL Biodiesel GmbH & Co. KG	Germany
KLK Emmerich	Germany
Kraton Refinery	Germany
KWST GmbH	Germany
Louis Dreyfus Commodities Wittenberg GmbH	Germany
MBF Mannheim Biofuel GmbH	Germany
NEW Natural Energy West GmbH	Germany

## Biorefineries in Europe 2017 – Appendix

Name of Production Plant	Country
Nordische Oelwerke (Walter Carroux GmbH & Co KG)	Germany
Oleon GmbH	Germany
Osterländer Biodiesel GmbH & Co. KG	Germany
Peter Greven GmbH & Co. KG	Germany
Petrotec AG	Germany
PROKON Pflanzenöl GmbH Magdeburg	Germany
Renewable Energy Group Europe (REG)	Germany
Sasol Olefins & Surfactants GmbH	Germany
Süd-Chemie AG (Clariant)	Germany
Suiker Unie GmbH	Germany
TECOSOL GmbH	Germany
Ullrich Biodiesel GmbH/IFBI	Germany
Verbio Diesel Bitterfeld GmbH & Co. KG (MUW)	Germany
Verbio Diesel Schwedt GmbH & Co. KG (NUW)	Germany
Verbio Ethanol Schwedt GmbH & Co. KG	Germany
Verbio Ethanol Zörbig GmbH & Co. KG	Germany
Vesta Biofuels	Germany
Agrár-Béta Mezőgazdasági Kft.	Hungary
Hungrana Bioeconomy Company	Hungary
Kall Ingredients Kft	Hungary
Pannonia Ethanol	Hungary
Rossi Biofuel	Hungary
Carbery	Ireland
Ambrogio Pagani SpA	Italy
BASF Italia S.r.l.	Italy
Caserta Levulinic Acid PLAnt	Italy
Cereal Docks SpA	Italy
Dp Lubrificanti S.r.l.	Italy
Eco Fox S.r.l.	Italy
Ecoil	Italy
Eigenmann & Veronelli SpA	Italy
Eni	Italy
FACI SpA	Italy
Green Oleo S.r.l.	Italy
Ital Bi Oil S.r.l.	Italy
Ital Green Oil S.r.l.	Italy
Italmatch Chemicals SpA	Italy

## Biorefineries in Europe 2017 – Appendix

Name of Production Plant	Country
Llsap Biopro	Italy
Masol Continental Biofuel S.r.l.	Italy
Mater Biopolymer	Italy
Matrìca	Italy
Novamont MaterBi	Italy
Novamont Orego-Bi	Italy
Novaol S.r.l.	Italy
Oil.B S.r.l.	Italy
Oxem SpA	Italy
Pfp Italia S.r.l.	Italy
SO.G.I.S. Industria Chimica SpA	Italy
Spiga Nord SpA	Italy
Temix Oleo S.r.l.	Italy
Cassano Succinic Acid Plant	Italy
Crescentino Bioethanol Plant	Italy
Mater-Biotech	Italy
Saluzzo Plant (Tereos)	Italy
Biopetrol Industries AG	Netherland
Abengoa Bioenergy Europoort Plant	Netherlands
Glencore	Netherlands
Greenmills Amsterdam	Netherlands
Musim Mas Europe	Netherlands
Peter Greven Nederland	Netherlands
Rotterdam Neste Biorefinery	Netherlands
Sas van Gent Plant (Cargill/Royal Nedalco)	Netherlands
Shell Chemicals Europe B.V.	Netherlands
Suiker Unie Vierverlaten	Netherlands
Wilmar Trading Europe B.V.	Netherlands
Borregaard Sarpsborg	Norway
Chelmza Alcohol Production Plant	Poland
Goswinowice Ethanol Plant (Bioagra S.A).	Poland
Orlen	Poland
Caima Mill	Portugal
Beta Renewables / Energochemica	Slovakia
ENVIRAL	Slovakia
Abengoa Teixeira Plant	Spain
Abengoa Valle de Escombreras Plant	Spain

## Biorefineries in Europe 2017 – Appendix

Name of Production Plant	Country
BASF Espanola S.L.	Spain
BASF/Purac	Spain
Bio Oils	Spain
Biocom Energía	Spain
Hebron S.A.	Spain
Infinita Musim Mas	Spain
Kao Corporation S.A. - Olesa Factory	Spain
Kao Corporation S.A. Mollet del Vallés	Spain
Saras	Spain
Sniace Torrelavega	Spain
UNDESA (Unión Deriván, S.A.)	Spain
Abengoa Babilafuente Ethanol Plant	Spain
AAK Sweden AB	Sweden
Domsjö Pulp Mill	Sweden
Gothenburg Ethanol (Etanolix) Plant (NEOT)	Sweden
Kraton Refinery	Sweden
Lantmännen Agroetanol A.B.	Sweden
Örnsköldsvik SEKAB Biorefinery	Sweden
Perstorp	Sweden
Pulp Mill	Sweden
SEKAB ETECH	Sweden
Södra	Sweden
Södra Cell Mönsterås	Sweden
Södra Cell Mörrum	Sweden
SunPine	Sweden
Procter & Gamble	Switzerland
BASF Tuerk Kimya Sanayi ve Ticaret Ltd. Sti.	Turkey
May Group	Turkey
Argent Energy	United Kingdom (UK)
Celtic Renewables	United Kingdom (UK)
CRODA Europe Ltd	United Kingdom (UK)
Ensus Ltd. - Wilton (CropEnergies)	United Kingdom (UK)
Ensus UK Limited	United Kingdom (UK)
Esterchem Limited	United Kingdom (UK)
Grimsby Pulp Mill	United Kingdom (UK)
Manchester Biorefinery (Cargill/Royal Nedalco)	United Kingdom (UK)
Selby Plant (Tereos)	United Kingdom (UK)

## Biorefineries in Europe 2017 – Appendix

Name of Production Plant	Country
Vivergo Fuels	United Kingdom (UK)
Wissington Factory (British Sugar)	United Kingdom (UK)

### Definitions

**A biorefinery is an integrated production plant using biomass or biomass-derived feedstocks to produce a range of value-added products and energy**

- "Sugar-/starch based biorefineries" producing bioethanol and other chemicals (63)
- "Oil-/fat-based biorefineries – first and second generation biodiesel" (64)
- "Oil-/fat-based biorefineries – oleochemistry" (54)
- "Wood-based biorefineries with a range of products: pulp, bio-based chemicals, biofuels, electricity and heat" (25) (excluding pulp for paper only)
- "Lignocellulose-based biorefineries other than wood with a range of products: pulp/fibres, (proteins), bio-based chemicals, biofuels, electricity and heat" (5)
- "Biowaste-based biorefineries with a range of products (depending on the waste)" (13)

*Is your biorefinery not on the map or not on this list? Here you can register your production systems – please take five minutes and answer the questions of the short web survey:*

[www.nova-institut.de/survey/index.php/713748/](http://www.nova-institut.de/survey/index.php/713748/)

*They will then appear after checking with the next update. Thank you for your support.*

*But even if you don't operate a biorefinery yourself, we still appreciate your help. Please enter the survey and fill out the information for every refinery you are aware of.*

*Did you find a wrong entry on the map or list? Do you have questions related to the survey? Please let us know: [contact@nova-institut.de](mailto:contact@nova-institut.de).*