

Argus Consulting Services offers tailor-made research to our clients seeking the highest quality data, analysis, insight and commentary on local, regional and international energy commodities – including biofuels, biochemicals and biomass.

In addition, Argus reports on international biofuel and biomass markets, and our biofuel prices have become standard European industry benchmarks. Argus also covers ethanol and feedstock markets. Biomass coverage includes wood chip and wood pellets with price assessments, market moving news and commentary.

Biofuels & Biochemicals

Argus' consultants have a long history of guiding customers through biofuels markets, helping plan compliance with alternative fuels policies, advising on technology selection and providing due diligence for investors and lenders.

- Supply, demand and price forecasts for products and feedstocks
- Process technology due diligence
- Asset acquisition due diligence
- Technology comparisons
- Identifying import and export opportunities
- Project feasibility studies
- Lenders technical consultant
- Feedstock availability and delivered price forecasts
- Effects of US CAFE standards regulations on future fuel types and volumes

Biomass, Sugars, C5 & C6

Argus' expertise has guided producers, suppliers, traders, end users and project finance managers on supply and demand issues, on delivered price forecasts and through environmental legislation which has created new opportunities for biomass trading and exchanges.

- Supply demand and price forecasts
- Import and export opportunities
- Production technology evaluations

RINs & LCFS

Argus is an authority on the Renewable Fuel Standard, and can provide insight and clarity with regard to Renewable Identification Numbers (RINs), the Low Carbon Fuel Standard (LCFS) and emerging regional and global policy trends.

- RINs and LCFS price forecasts and biofuels market analysis
- Forecasts on global renewable fuels policies
- Strategic planning, trading practice optimization, short- and long term investment planning for RINs generation and RFS compliance



Edward Arnold

Senior Consultant covering petrochemicals, refining, upstream and biotechnology. He has 39 years' experience conducting market risk analysis, feasibility studies and project valuations working for Jacobs Consultancy and UOP. He has provided advisory services for some of the world's most successful petroleum refining, energy production, chemicals, petrochemicals, logistics and biotechnology organizations, as well as for banks, sovereign wealth funds, government agencies and entrepreneurial firms.



Paul Niznik

Consultant specializing in biofuels and alternative fuel development and biofuel economics. His clients have been a broad cross section of refiners, biofuels producers, automakers, and government agencies impacted by alternative fuels markets and policies such as Chevron, UOP Honeywell, Petrobras, Toyota, GM, USDA and Phillips 66. He has served in leadership roles for Innovation Fuels and Stratas Advisors, and is an expert in RINS markets and renewable fuels policy compliance. He also has unique experience in biodiesel trading and sales in downstream petroleum markets.



Cynthia Obadia

Consultant and business development for the west coast focusing on energy expertise and on markets involving different carbon reduction programs in California, such as cap and trade and LCFS, as well as EPA's Renewable Fuel Standard. She worked for Shell Trading where she developed its biogas business line and negotiated and executed Shell's first purchase of energy and LCFS credits.

Core Work Areas

- Biofuels
- Biochemicals
- Biomass
- Market risk analysis
- Feasibility studies
- Project valuation
- Due diligence

Core Work Areas

- RFS
- Strategic planning
- Market assessment
- Environmental compliance
- RINs pricing and forecasts
- Fuels policy
- Government support

Core Work Areas

- LCFS
- RFS
- Biofuels
- Biomass
- Emissions
- Regulations

Argus Publications

Argus Americas Biofuels

Argus Americas Biofuels is a daily report covering the physical spot market for ethanol and other renewable fuels across the US—New York Harbor, Chicago, the west coast, the Gulf coast and the US corn belt—and Latin America—Argentina and Brazil.

Argus Biofuels

The Argus Biofuels publication includes prices for Renewable RED compliant ethanol, as well as daily differentials between benchmark Argus gasoline and ethanol prices. The report also covers the US Gulf coast and Asia-Pacific ethanol markets.

Argus Biomass Markets

Argus Biomass Markets is the leading publication for the international wood pellet and wood chip sectors, covering premium pellets and industrial pellets and chips. The service includes full market coverage, news, and analysis, as well as downloadable data files for supply and demand fundamentals and historical prices.

The collage displays various Argus publications. Key elements include:

- Argus Americas Biofuels:** A report titled "FHE / Palm oil freight" with a map of Southeast Asia and a table of freight rates.
- Argus Biomass Markets:** A report titled "Poland restates biomass co-firing support" with a table of wood pellet tendered volumes.
- Argus Americas Biofuels:** A report titled "Japan's PKI imports on track to rise in 2016" with a table of PKI import volumes.
- ARGUS MARKET MAP: ETHANOL:** A map of the United States showing ethanol price differentials between major hubs like New York Harbor, Chicago, and the West Coast.
- Poland PKI imports:** A bar chart showing PKI import volumes for Poland from 2014 to 2015.
- Brazil ethanol vs New York Harbor:** A line chart showing the price differential between Brazilian ethanol and New York Harbor ethanol from June 2014 to July 2014.
- USGC ethanol vs cff Brazil:** A line chart showing the price differential between US Gulf Coast ethanol and cff Brazil ethanol from June 2014 to July 2014.