



Biomass & Biofuels Overview

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- **“World’s Leading Energy Law Firm”**
– *Euromoney* 2003-2011
 - **Legal Adviser of the Year – Renewables**
– *Infrastructure Journal* 2009
 - **Energy and Natural Resources Team of the Year**
– *Legal Business Awards* 2010
 - **One of the Top Ten U.S. Cleantech Law Firms**
– *CleanTechies.com* 2011
 - **“V&E is a key feature of the power and renewable energy sectors”**
– *Chambers UK* 2008
 - **“The firm’s position is at the forefront of innovative renewables financing”**
– *Infrastructure Journal* 2008
 - **“Highly regarded for renewable energy work”**
– *Chambers UK* 2011
 - **Renewables Deal of the Year**
– *Infrastructure Journal* 2008
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With roots in energy extending nearly a century, Vinson & Elkins continues to be recognized as the “World’s Leading Energy Law Firm.”

In 2010, over 400 of our lawyers advised clients on more than 1,600 energy and infrastructure matters — collectively valued at more than US\$167 billion.

Clean energy, particularly renewables and clean technology, have attracted significant investment and renewed interest over the past five years. By combining solid energy and technology backgrounds with joint venture, project finance, private equity, and venture capital experience, Vinson & Elkins has emerged as a leading law firm for renewable energy.

Our lawyers offer clients an interdisciplinary approach to successfully understand and allocate the risks associated with biomass and biofuels projects, including technology risk, complex regulatory, tax incentive, and environmental laws.

Vinson & Elkins’ biomass and biofuels lawyers have a strong track record of advising clients on:

- Entity formation
- Environmental planning, compliance and remediation
- Equity and debt offerings
- Feasibility study review
- Feedstock, hedging, and risk management agreements
- Intellectual property issues
- Offtake agreements
- Permitting
- Project finance and development
- Siting assessment
- Tax issues

Vinson & Elkins lawyers have worked with many of the most innovative renewable energy developers and investors on some of the most high-profile projects in the world. ►

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Representative Experience:

D.E. Shaw – US\$37.4 million financing of Global Ampersand LLC's acquisition and refurbishment of two biomass electric generating facilities in California

Alternative Energy Sources, Inc. – US\$950 million multi-tranche project financing of three ethanol plants in the US. Involving raising the equity, the debt (senior, subordinated, railcar financing, corn borrowing base, municipal bond) and drafting and negotiation of all contracts including construction, feedstock, offtake, etc

The Sponsor – Proposed development and project financing of the world's largest biomass power project in the Philippines including matters related to the Kyoto Protocol and EPC matters. This project involved financing by a Japanese bilateral lending agency

Maple Energy Plc – US\$150 million development and project financing of an irrigated sugar cane ethanol facility in Peru, including the negotiation of the technical management and consulting services, major equipment supply, EPC and BOOT port terminal facilities agreements

Leaf Clean Energy Company – US\$10 million investment in MaxWest Environmental Systems, Inc., which seeks to deploy proprietary waste-to-energy gasification technology using a variety of waste streams including municipal solid sludge, agricultural waste and other biomass-based material

A Large Private Equity Fund – €50 million investment in various wind farms and biofuels enterprises in Western Europe, mostly in Germany but also in Poland, Hungary and the Czech Republic, being developed by a German renewables developer

A Biofuels Producer – Technical services agreement with an international engineering and construction contractor for the preliminary design of an algae-to-biofuels demonstration facility and a commercial scale demonstration facility in Western Australia

Large East Asian Energy Companies – Joint venture of two large East Asian energy companies in a biofuels project in Indonesia and China involving palm plantations and refining, and marketing the fuel project

The Lead Arranger – US\$700 million financing of two ethanol plants in Iowa and one in Florida, each with a capacity of 110 million gallons

An Independent Energy Company – Preparation of Prevention of Significant Deterioration (PSD) and case-by-case Maximum Achievable Control Technology (MACT) air permit application for a 50 MW biomass-fired (wood and wood waste) power plant in East Texas

ING (U.S.) Capital LLC And A Syndicate Of Lenders – US\$122 million project financing of an 88 million gallon per year soybean biodiesel plant and related facilities in Indiana, including a construction loan, term loan, and borrowing base facility

A Major European Utility Company – Long-term wood fiber supply, processing, and other logistics arrangements in conjunction with the retrofitting of its large existing coal-fired power plant into a biomass-fired generation facility

Prior results do not guarantee a similar outcome.

For more information, please contact:



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