



Turning renewable energy ideas into business success.

BYRNE
& COMPANY LIMITED



Byrne & Company Limited has positioned itself to be a leader within the different disciplines of renewable energy. With over twenty-seven years of experience, Byrne & Company Limited offers proficiency and knowledge that is superior in the industry. As a smaller firm, we are able to offer a variety of services tailored to each individual project; including personalized service, face to face interaction, and professional advice.

Our company provides complete project organization services. We can assist you to prepare feasibility studies, business plans, project development and management, financial modeling, fatal flaw analysis, and development of capital structuring. In addition, Byrne & Company Limited can provide industry conference/workshop organization.

Byrne & Company has extensive experience in the renewable energy industries. As new technologies have emerged, we have seen a movement towards the utilization of alternative feedstocks and the development of other renewable energies. In the future we expect industry expansion in the areas of algae to energy, solar power, geothermal energy, wind power, waste to energy, and cellulosic ethanol.

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INDUSTRY EXPERTISE

Byrne & Company Limited is a leader in the renewable energy industry. With a wealth of knowledge, we are able to assist our clients in developing successful projects. We offer industry specific, in-depth expertise. Working side-by-side with our clients, Byrne & Company assists the renewable energy industries of:

- **Grain Based Ethanol**
- **Cellulosic Ethanol**
 - **Biodiesel**
- **Algae to Energy**
- **Solar Power**
- **Wind Power**
- **Geothermal Energy**
- **Waste to Energy**



From concept to construction, we work with clients to develop renewable energy projects, while maximizing the return to our client. Byrne & Company will assist with the tasks and decisions that are required to ensure a project's success. Included in our project development services are:

- Feasibility Studies**
- Business Plans**
- Project Organization and Planning**
- Assistance in Finding Equity**
- Facilitate Debt Financing**
- Project Site Evaluation**
- Assist in Choosing an Environmental Permitting Firm**
- Developing Feedstock Procurement Options**
- Negotiate Risk Management Contracts**
- Consult on Utility and Transportation Agreements**
- Project Management**
- Work with Local Government and Development Agencies**

PROJECT DEVELOPMENT

BUSINESS PLANS



A business plan is a formal document that states the goals of the business, the reasons why they believe that they are attainable, and a plan for reaching those goals. The business plan is your project's resume. It details your mission, background information, the business structure, project logistics, and the financing needs from the date of organization to the cash necessary to operate the business, financial projections and the benefits the investors can expect to enjoy. Business plans are written to fully define your concept and explain it to other interested parties. When the staff of Byrne & Company Limited assists in building your business plan, they are helping you to build your company's future.



A feasibility study is a preliminary study that is completed to determine a project's viability through identifying any fatal flaws and potential return on investment. The results of the study are used to determine whether to proceed with the project. It provides a structured method that focuses on problems, identifies objectives, evaluates alternatives, and aids in the selection of the best solution. It also describes current market situations, explores outcomes, and assesses the range of costs and benefits associated with the recommended action.

Over the years Byrne & Company has completed many feasibility studies for renewable fuels/energy projects. Our feasibility studies are completed in two parts: the initial stage and the full study. The initial stage identifies the fatal flaws, quickly determining whether the project is feasible or not. If the project is found to be feasible, a full feasibility study is completed. By completing a two-phase study Byrne & Company is able to save companies valuable time and money if a project is not feasible. By conducting a feasibility study, we can improve your confidence that the recommended action is the most viable and assure you that projects requiring additional resources can be done. The feasibility study is a strong base to use when developing a business plan.

FEASIBILITY STUDIES



PROJECT MANAGEMENT

The project management services that Byrne & Company Limited offers to our clients are the organizing and managing of resources; ensuring that a project is completed within a defined scope, quality, time and cost constraints. Typically, it is very difficult to get a new business up and running without committing to it full-time. This can be especially difficult if you are already operating another business. Because of this, we are committed to providing project coordination services.

When dealing with renewable energy projects, our team can take over the day to day obligations. We assist with the negotiating and developing of EPC contracts, the developing of a marketing strategy, organization of meetings, developing contacts with utility companies, and keeping the project on schedule and on budget. These services can be transferred to any start-up business. Our team can keep your project on track from concept through the first day of operation.

STATISTICAL FINANCIAL MODELING

The direction a project should pursue is not always easily defined. The Byrne & Company Limited staff can financially model several alternatives and help to identify the factors related to each. The modeling will define various alternatives for the project and the potential outcomes of each alternative. The information will provide the necessary detail for the project developers or boards to make informed decisions when looking at the direction of a project or its commercial viability.

In order to keep pace with the ever evolving renewable energy industries, our team has adjusted key services to include Monte Carlo Financial Modeling and Innovative Technology Analysis. By utilizing the Monte Carlo method of financial modeling, we can evaluate the probability of certain outcomes by running multiple simulations, using random variables. This service will enhance funding capabilities and provide a realistic look into all the possible financial outcomes of any project.



GRANT AND INCENTIVE APPLICATIONS

The U.S. government has millions of dollars available through incentives, grants and loans; however, the applications for these can be very detailed and extensive, creating a stressful situation. Our team will focus their time and resources to present an organized and completed application. There are several federal, state, and local incentives that support energy-related industries. The team at Byrne & Company can determine the available incentives that a project qualifies for, thus potentially increasing returns and enhancing project viability.



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