



**East Harbour Management
Services**
can assist you with your
Commercial Bioenergy Projects

East Harbour undertakes commercial and strategic bioenergy projects for a range of forestry and energy companies.

East Harbour's staff have technical and commercial bioenergy experience that they can bring to your projects.

East Harbour's project advisors and consultants can assist you with:

- Strategic advisory and support
- Management of the investigation and development of bioenergy projects
- Energy auditing and advisory
- Commercial electricity pricing and network charges
- Energy monitoring and management
- Commercialisation of projects

Staff skills can be applied to many different disciplines and industries. The collective experience includes:

- Commercial strategy and investment planning
- Energy advice and auditing
- Renewable energy project development, e.g. wind, biomass
- New and evolving energy technologies
- Project evaluation (technical, environmental, and commercial)
- Energy billing and network charges
- Energy management auditing and advise
- Bioenergy technologies (combustion, anaerobic digestion)
- Database and information systems
- Web and portal development and maintenance
- Project management
- Business planning and implementation
- Commercial project development
- Policy, and strategic advice and implementation (corporate, and local and national government)
- Executive and project manager leasing

East Harbour has access to an extensive source of information through the Energy Library www.energylibrary.org.nz (an associate company). It is able to efficiently collate technical and other information to meet customer requirements.

Some Recent Projects

East Harbour worked with Meridian Energy to develop Energy for Industry, a business unit focussed on the supply of energy solutions, including total energy partnerships, facility management, performance contracting, and energy supply contracts. Heat plant and electricity generation have formed part of the portfolio of plant owned and operated by Meridian Solutions. East Harbour supplied staff to key positions until permanent staffing was possible.

East Harbour's staff managed the commercial negotiations and construction of the 10 MWth, 1.6 MWe **Blue Mountains Lumber Cogeneration Biomass Project** from initial conception.

East Harbour's staff have assisted various commercial entities with studies into bioenergy and cogeneration opportunities. Technologies have included conventional combustion plant and anaerobic digesters. Regional bioenergy resource assessments have also been undertaken for regional authorities. Studies have also been undertaken into the economics of forest residue sources of bioenergy fuel.

East Harbour has been working with government departments in developing the **technical database** and **policy** inputs related to renewable energy uptake, including both heat and electricity options. This has included papers published by the Energy Efficiency & Conservation Authority on biomass resources (in cooperation with *ForestResearch* and Massey University). A broader report covering all renewable resources has been published by the Ministry of Economic Development. The company has taken a strong position on the potential of biomass for **process heat**.

East Harbour is a founding member of the **Bioenergy Association of New Zealand** (BANZ). East Harbour's Managing Director is on the Board of BANZ. East Harbour also contracts to fill the Executive Officer position.

Over the years staff have presented papers at conferences and seminars on the opportunities and costs for electricity generation from existing and emerging technologies. These are listed on the East Harbour web site.

Staff

Key staff with a bioenergy focus include Brian Cox, Barrie Wilkinson, Stephen Ward, and Brian White.

Please contact us for further information or with any enquiries that you may have.

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