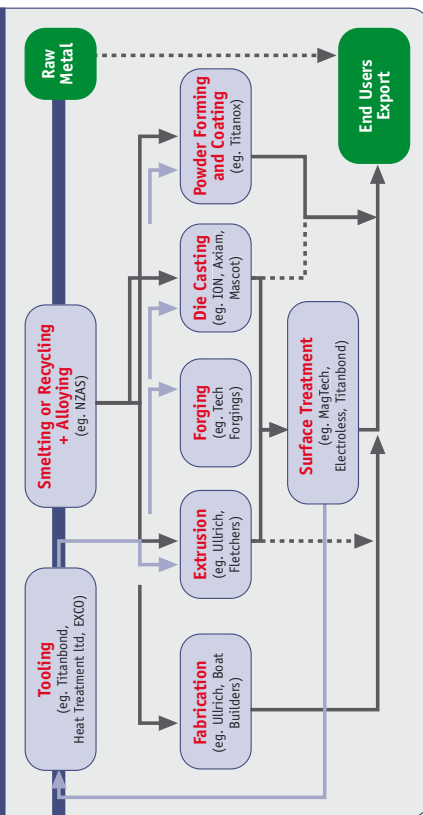




LIGHT ALLOY MANUFACTURING
NEW ZEALAND

Manufacturing Supply Chain



LAM-NZ Members

Industry

Company

Ullrich Aluminium Co. Ltd.
ION Automotive NZ Ltd.
Axiam Diecasting Ltd.
Titanbond Ltd.
Fletcher Aluminium
HERA
Titanox Developments Ltd.
Mascot Diecasters Ltd.
Extrusion Machine Co. NZ Ltd.
Heat Treatments Ltd.
Mg Tech. Licensing Ltd.
Mascot Diecasters Ltd.
Technical Forgings NZ Ltd.
Fletcher Aluminium
Titanbond Ltd.

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University of Waikato
University of Auckland (LMRC)
University of Auckland (LMRC)
University of Auckland
University of Waikato
Auckland University of Technology
University of Waikato
University of Canterbury
Industrial Research Ltd.
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NZ Trade & Enterprise
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Foundation for Research Science & Technology
Manukau Enterprise & Employment Trust

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LIGHT ALLOY MANUFACTURING
NEW ZEALAND



LAM-NZ

Your Manufacturing Association

Membership of LAM-NZ: Our Objectives and Business Strategy

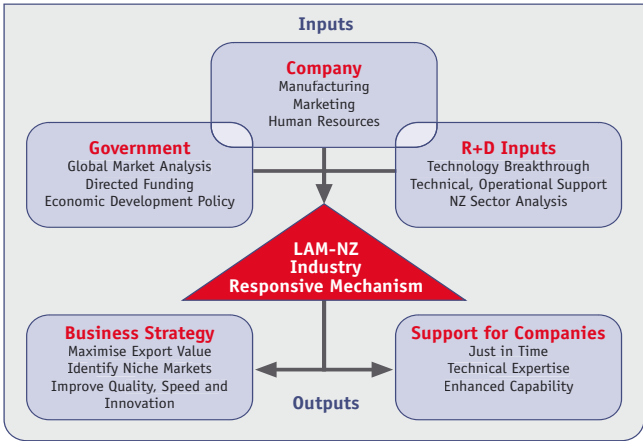
The Light Alloy Manufacturing Group was formed in 2003 to provide export oriented companies in the sector with a network for disseminating information, discussing business strategy and obtaining advice, support and technology leverage in the market.

The Purpose of the Group is:

To optimize NZ's Light Alloy Manufacturing capability by:

- ▶ Playing an active role in Business Development for the light alloys sector, including the end users which increases the global competitiveness of LAM-NZ companies, and other business issues as identified by the group.
- ▶ Identifying and implementing appropriate technology development to support the business development strategy.
- ▶ Acting as a catalyst and interacting with Government to grow the industry's value to NZ.

Light Alloy Manufacturing (NZ) is a Partnership across public, private and academic sectors. It is an informal, robust forum for key industry issues.



Activities

LAM-NZ is an Industry Group which has an active Research and Development (R+D) arm involving three Universities at present, and with input from IRL, University of Canterbury and other researchers both inside and outside New Zealand. Research and technical support projects for companies are occurring constantly – involving both larger companies, and smaller ones who need practical help in manufacturing improvement.

The R+D is business oriented and focused particularly on products for export. Market studies, promotion of LAM-NZ capabilities, technical training and all other areas of business development are being considered in the association strategy for the future.

What does LAM-NZ offer ?

- ▶ A network of companies and institutions which are export focused
- ▶ Expert technical support – collective knowledge and experience to improve manufacturing processes and quality.
- ▶ Promotion of LAM-NZ and the capabilities of LAM Companies in the global market.
- ▶ Proactive market strategies (phased market development) to differentiate the NZ brand.
- ▶ Use of research and new technology as a lever in the marketplace
- ▶ Leveraging Government Resources (NZTE, Tech NZ, FRST) for capability raising and business growth
- ▶ An industry voice in Wellington on trade, training and other industry development issues.
- ▶ Knowledge sharing and access to training – central technical and commercial information and monthly newsletter.

What we are working towards ?

- ▶ Wealth creation through manufacturing and exporting high value goods, creating jobs in NZ.
- ▶ Rapid improvement in industry skill levels, and enhancement of New Zealand's reputation as a manufacturer of highest quality, innovative products.
- ▶ Attracting young people into technical education and training, leading to advanced industry capability and community sustainability.

Titanium based alloy synthesised from local rutile mineral deposits.

	Overall Research Objective	Outcome for Industry	Supporting Companies
New Material	Alloys for new products	1. Formable Marine Alloys 2. High perf. cast alloys	Ullrich, Titanbond ION, Axiam Diecasting
	Surface Treatment for Finish or Protection	3. Bright finish anodisable Al/Mg alloys 4. Wear, corrosion, fatigue resistant coatings (eg. dies)	ION, Titanbond ION, Axiam Diecasting, Ullrich, Titanbond, Fletcher Aluminium
Transform to Product	Tooling, Control and new Technology for Die Casting and Extrusion	5. Die life extension. 6. Intelligent control + high integrity castings, extrusions	ION, Fletcher Aluminium Ullrich, ION, Axiam Diecasting, Fletcher Aluminium
	Powder forming of Titanium materials	7. Ti Powder forming, powder for coating and final shape products	Titanox, Titanbond
Sector Development	SDI Objective	Industry Business Strategy + Outcomes (eg. Training, Market Research and Development, Control, Op. Audit)	All

LAM-NZ – Your Manufacturing Association

Company Name	
Date Established	
Address Premises	
Address Mailing	
Contacts <i>Name, Title, Ph, Mob, Fax, E-Mail</i>	
1	
2	
3	
Core Business Product range	
Main Customers	
Main Suppliers <i>with relevance to light metals</i>	
Ownership Structure	
Number of Employees	
Production Capacity	
Management Systems	
Process: Type, Details, Constraints.	
Specific areas where you need help <i>recognised within company or not</i>	
Current R&D <i>Funded by whom</i>	
Future R&D	
Is government funding used i.e. Tech NZ?	
Do you believe LAM-NZ can be of help, and how?	

Post to: Light Metals Research Centre, University of Auckland
Private Bag 92019, Auckland 1, NZ

Attn: Mark Taylor or Ian Paine on 09 373 7599 ext. 83878

<http://www.lightmetals.co.nz>

▶ Detach here