

# INDUSTRIAL ENERGY SYSTEMS OPTIMISATION

**This 2 day course is designed to enable the fine tuning of industrial processes to minimise energy use, cost and carbon emissions while maintaining process integrity and quality.**

## **Who wins from the course?**

The course delivers the essential knowledge needed by plant operators, maintenance managers, contractor-based engineers and designers and graduate energy engineers to keep the processes they manage running smoothly, effectively and efficiently. The course will benefit them and, through them, their employers who will enjoy reduced costs and more efficient operations. It is geared towards cost savings in larger organisations operating industrial processes, especially those with significant energy consumption.



**Energy Management  
Association of New Zealand**

## **EMANZ Training 2018**

### **Pilot Course**

**Take advantage of discount pricing for this pilot delivery.**

**EMANZ Member  
\$800 (+GST)**

**Non-Member  
\$950 (+GST)**

**Prices are valid for the pilot only and will be substantially higher in 2019, so register now.**

## **ENERGY MANAGEMENT ASSOCIATION OF NEW ZEALAND**

Level 4, Hope Gibbons Building  
7-11 Dixon Street  
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Wellington 6149

04 385 2839

# COURSE CONTENT

## The course covers:

<ul style="list-style-type: none"><li>• The relationship between energy and carbon</li><li>• Understanding your process</li><li>• Process optimization</li><li>• Continuous improvement methodologies</li><li>• Conducting experiments</li><li>• Collecting data, measurement and verification</li><li>• Preparing a business case</li></ul>	Identifying savings in: <ul style="list-style-type: none"><li>• Heat driven processes</li><li>• Refrigeration processes</li><li>• Industrial HVAC</li><li>• Compressed air processes</li><li>• Pump and fan operation</li><li>• Motor and drive operations</li></ul>
The course will use real world case studies to supplement learning and illustrate potential benefits.	

## The Trainers

The training will be delivered by a team from Christchurch based DETA Consulting ([www.deta.global](http://www.deta.global)). DETA Consulting delivers optimisation services to many of New Zealand's largest businesses and is a leader in energy efficiency and process optimisation for industrial processes.

### LOCATION & DATE

#### Auckland

(Venue [Karstons](#) Level 4, 205 Queen Street)

26 & 27 November 2018

### Investment *(excludes GST)*

EMANZ Member

Non-Member

Training Course

\$800pp

\$950 pp

**For full course details and registration links click here**

<http://www.emanz.org.nz/industrial-energy-systems-optimisation>