



ADVANCED INDUSTRIAL ENERGY SYSTEMS

OPTIMISATION

This 1-day training course is designed to refine the knowledge and skills of experienced technicians and practitioners around optimising the energy efficiency of industrial systems. It also acts as a lead into the CEP accreditation in Industrial Energy Systems Optimisation (IESO) and is recommended for anyone wishing to pursue that accreditation.

While there are no formal prerequisites for the course, it is designed for practitioners with at least three years' experience or those that have previously completed the CEP Optimising Process Heat Systems training. *NB: The CEP Optimising Process Heat Systems training will next be held on 3 & 4 August 2021 online.*

The Advanced Industrial Energy Systems Optimisation course looks at applying continuous improvement methodologies and designing and conducting effective trials and experiments using robust measurement and verification techniques.

This course forms part of a pathway to accreditation as an IESO (Industrial Energy Systems Optimisation) Energy Master.

For more information visit

<https://cep.org.nz/energy-master-industrial-energy-systems-optimisation-specialist/>



Attendee Feedback

FROM OPTIMISING PROCESS HEAT SYSTEMS TRAINING

"This course was interesting, informative and has equipped me to provide value to clients through being able to understand and analyse energy systems."

"It has refreshed my understanding of many common industrial technologies and how to improve their operation and energy efficiency"

CARBON AND ENERGY PROFESSIONALS NEW ZEALAND

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COURSE CONTENT

This online training will cover the following topics:

<ul style="list-style-type: none">• Introduction• NZ Industries, Processes and Carbon• Continuous Improvement Methodologies• Constructing and Conducting Trials	<ul style="list-style-type: none">• Worked Example - Blast Tunnel Fan Optimisation• Co-Benefits and Business Case Development• Measurement and Verification
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The course content includes worked examples and the practicalities of delivering benefit from improved practices such as the calculation of energy and carbon savings and building these into business cases.

The Trainer

The training will be delivered by Jonathan Pooch, Managing Director from Christchurch based DETA Consulting (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.

Online Training

Dates: 17 August 2021 (Tue)

Time: 9.00am-4.30pm (with breaks)

Investment <i>(NZD, excludes GST, price per person)</i>	CEP Member	Non-member
Online Training Course (1 day)	\$700	\$780
IESO Accreditation Assessment (Online)	\$750	\$750
Total (Training & Accreditation)	\$1,450	\$1,530

For full course details and registration links click here

<https://cep.org.nz/details/industrial-energy-systems-optimisation/>