eLEARNING PLATFORM

2019

PROJECT CARGO NETWORK

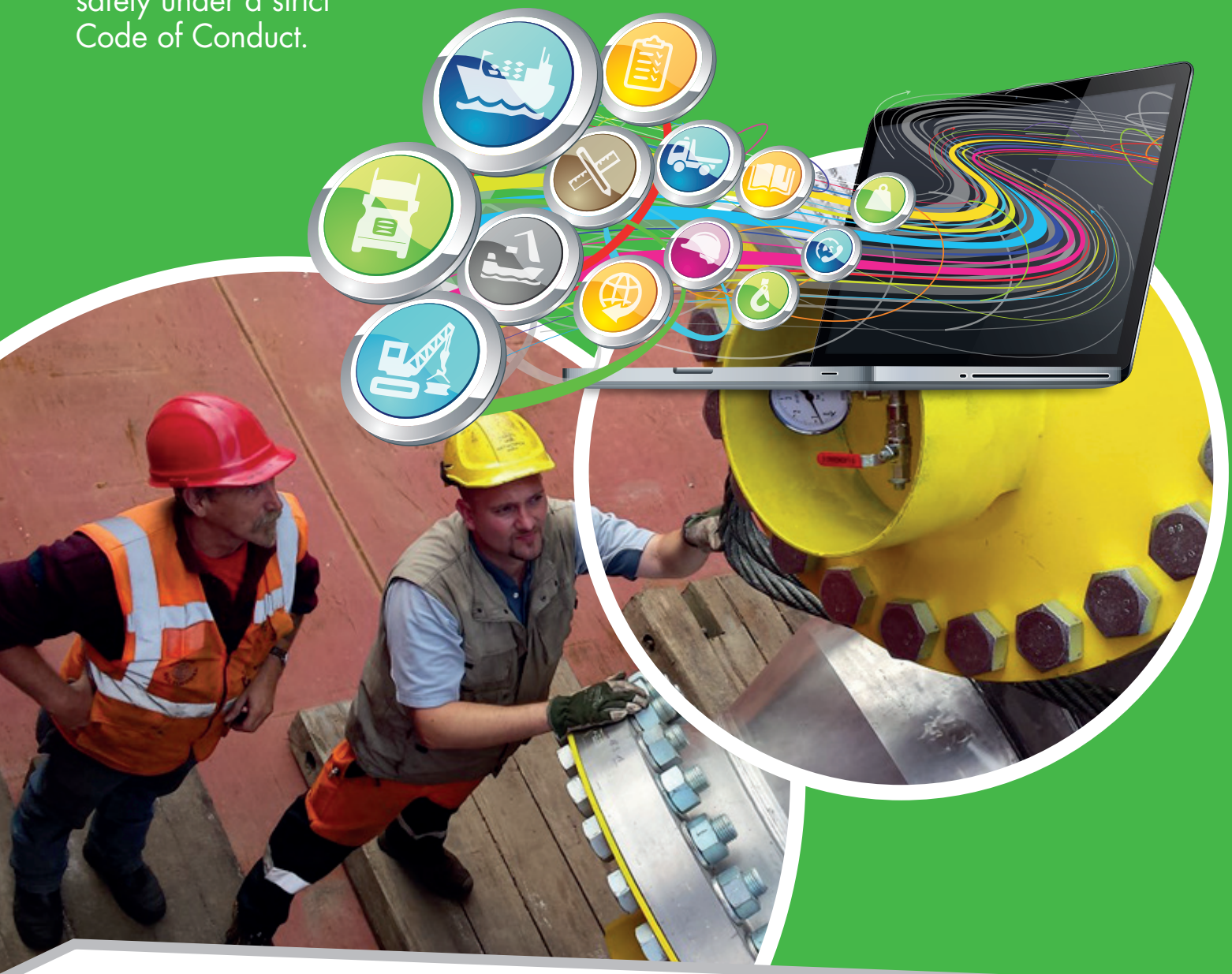
Project Cargo Network is an ISO 9001 (Quality Management) and ISO 14001 (Environmental Management) certified organisation established in August 2010 to provide heavy lift and project cargo specialists access to a trusted, worldwide network of agents who can handle their specialist shipments, whilst working professionally and safely under a strict Code of Conduct.

We understand that one of the main challenges in our industry is the lack of training and staff development in the heavy lift and project cargo sector, especially with new and young staff members. Practical 'on the job' experience needs to be paired with theoretical knowledge, as this leads to a deeper understanding. However, specialist training courses and workshops are often expensive and involve travel and time away from the office. So we are delighted to launch our own custom-built PCN eLearning Platform, which incorporates a comprehensive 6 module online training program.

The clear and highly effective video based training includes narration, graphs, diagrams, video footage and photographs. When completed, the user will understand the practical, operational and engineering aspects of heavy transport and lifting projects.

PCN works hard to develop new membership benefits and has invested in both the bespoke training and the eLearning platform so that it can be provided at a heavily reduced rate.

Future plans include more advanced modules.



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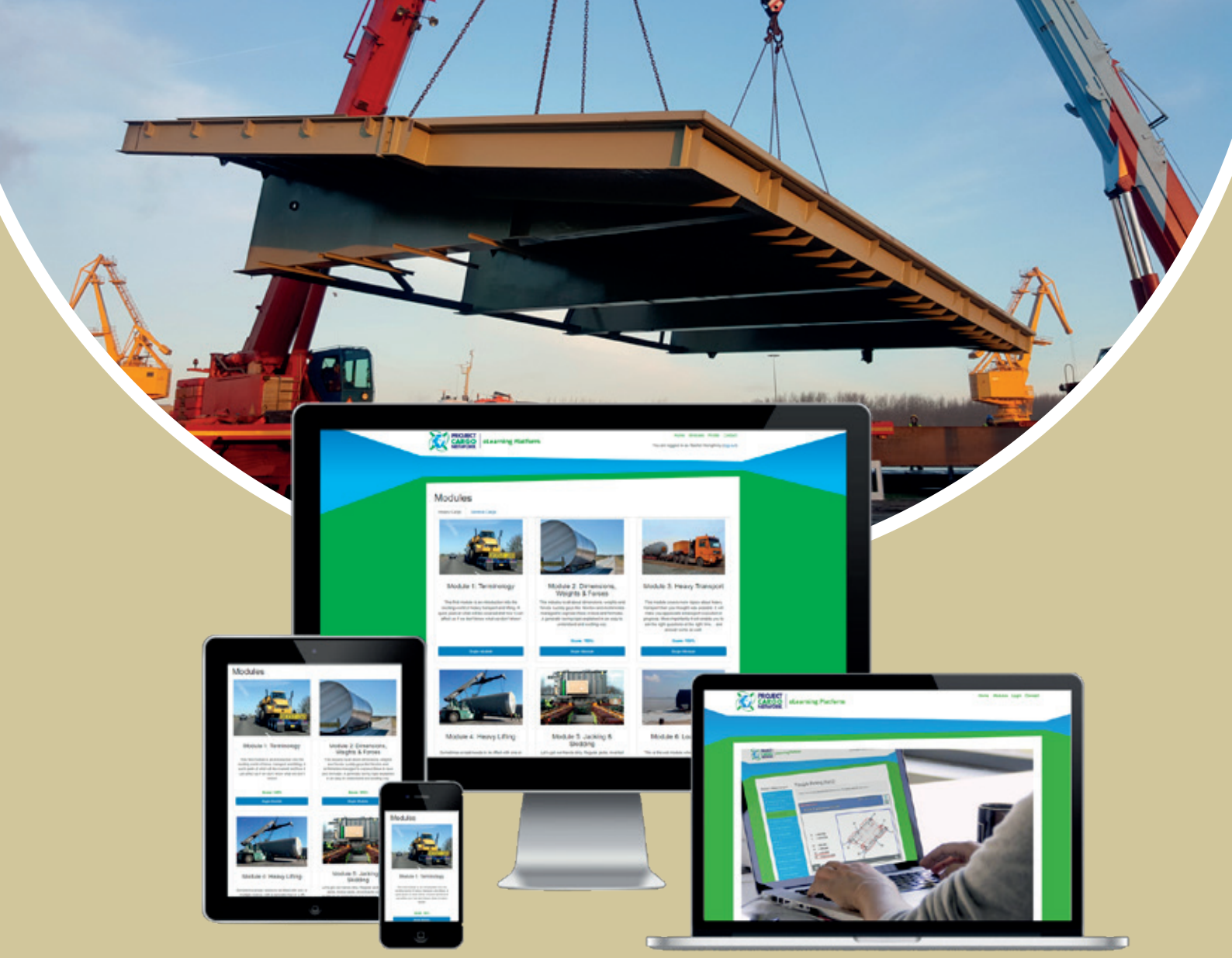

Our custom built eLearning Platform incorporates a comprehensive 6 module online training program.

Besides the benefits of not having to travel to a training centre and sit in a classroom for long periods, there are additional advantages to eLearning such as being able to stop the training at your convenience and start again when you are ready.

We have taken this a step further by breaking the training into 10 minute sessions which will be long enough to get an important point across but short enough not to disrupt your day.

The training includes 11 multiple choice tests to ensure that each subject has been fully understood before continuing to the next topic.

Each registered user receives a personal log-in so that they can train at their own pace.

The personal profile page contains a progress bar and a list of achievements so you can track your advancement through the course. Upon completion you will receive a Certificate via courier.

COMPANY WIDE

The training is ideal for staff who are at the beginning of their career in heavy transport, offering employers a time saving and low cost alternative to workshops and seminars. However, as the training is comprehensive, senior level professionals will also benefit from the practical, scenario and video based course as it will encourage reflection on current practices.

MODULES

Here is the schedule of modules and sessions.

Module 1: Terminology

Session 1 Introduction
Session 2 Terminology

Module 2: Dimensions, Weights & Forces

Session 1 Gravity & Forces
Session 2 Laws of Newton & Archimedes
Session 3 Principle of Moment
Session 4 Wind & WaterForce

Module 3: Heavy Transport

Session 1 Transporters & Trailers
Session 2 Principle Working (1)
Session 3 Principle Working (2)
Session 4 The Stability Area (Plan View)
Session 5 3 & 4 Point Suspension
Session 6 The Equalizing Effect
Session 7 The Stability Area (Side View)
Session 8 Pull Type & SPMT Capacities
Session 9 The Differences Are Getting Smaller
Session 10 Steering Capabilities
Session 11 Naming Conventions
Session 12 The Goose Neck
Session 13 GroundPressures
Session 14 Pull Force/TractiveEffort
Session 15 Hydraulic & Structural Stability (1)
Session 16 Hydraulic & Structural Stability (2)
Session 17 Dolly Transport (Turn Tables)
Session 18 Long Load Vehicles

Module 4: Heavy Lifting

Session 1 Types Of Cranes
Session 2 What Is A Crane (Principle Of The Lever)
Session 3 Principle Of The Hoist
Session 4 The Load Chart
Session 5 Types Of Lifts (Keeping The Load Level)
Session 6 Lifting With 2 Cranes
Session 7 Tailing Arrangements
Session 8 The Tailing Frame
Session 9 Ground Pressures
Session 10 Load Spreading Options
Session 11 Rigging Forces (1)
Session 12 Rigging Forces (2)
Session 13 Spreader Bars and Lift Beams
Session 14 A Complex Lift Made Easy
Session 15 Super Lift Attachments
Session 16 Stability Of The Load
Session 17 Erecting Wind Mills
Session 18 The Lift Plan

Module 5: Jacking & Skidding

Session 1 Types Of Jacking Skidding Methods
Session 2 Jack & Pack
Session 3 Climbing Jacks
Session 4 Strand Jacks
Session 5 Strand Jack Applications
Session 6 What Is Skidding, Skidding Components
Session 7 Coefficient Of Friction, Different Materials
Session 8 Hydraulic Skid Shoe
Session 9 Hilman Rollers
Session 10 Hydraulic Gantry (1)
Session 11 Hydraulic Gantry (2)
Session 12 Airbags

Module 6: Load Outs

Session 1 Types of Barges
Session 2 Background History
Session 3 Terminology
Session 4 Barge Stability
Session 5 Hydrostatic Particulars
Session 6 Tides
Session 7 5 Types of Load-Out Operations
Session 8 *Type 1:* Free Floating Barge, Tidal Conditions
Session 9 *Type 2:* Free Floating Barge, Non-Tidal Conditions
Session 10 *Type 3:* Steel Plates, Non-Tidal Conditions
Session 11 *Type 4:* Barge Fixed Aground
Session 12 *Type 5:* Beach Landing

PRICING

PCN has invested in both the bespoke training and the eLearning platform so that it can be provided at a heavily reduced rate of:

1-2 Participants: **£250** per user
3-5 Participants: **£200** per user
5+ Participants: **£150** per user

PCN C.E.O., Rachel Humphrey says: "Our global organisation covers over 100 countries so our affordable and easily accessible training is available to staff in emerging markets. The program enables everyone to compete on an equal footing with the top industry experts when it comes to learning the theoretical side of heavy transport, heavy lift and jacking & skidding."

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