EQUIPPING LEADERS WITH THE SKILLS TO LEAD DIGITAL CHANGE

- The Construction industry is on the verge of a digital revolution with new digital technologies enabling better use of data for the simulation and automation of construction processes in the design studio, the project management team, the product factory, the onsite assembly process and in the ongoing use and maintenance of the asset.

- Managers and leaders need to develop the management skills and technology knowledge to embed a digital approach into their business strategies.

- Working with the CITB, Thames Tideway, Costain and Skanska and with the support of numerous industry contractors and suppliers, the Supply Chain School has developed an interactive digital learning programme that will equip leaders with the skills to lead digital change.

- Partners of the School and their supply chains can access the programme at no additional cost, thanks to the industry support of the CITB.

OUR PROGRAMME

- Our Downloading a Digital Mindset programme mixes cases studies of technology adoption from leading projects and contractors in our sector, with the academic knowledge of Digital Outlook to deliver this through the multi-award winning www.supplychainschool.co.uk, cloud-based learning platform.

- The programme is completely free to partners of the Supply Chain School and will provide you and your colleagues with:

- Over 20 hours of digital learning broken down into;

  - 5 hours of virtual classroom

  - 4 hours of CPD accredited e-learning

  - 2 Harvard Business School digital leadership teaching cases

  - Access to over 100 additional digital learning resources

- Individual level digital leadership skills assessment and benchmarking

- Corporate level digital maturity assessment and benchmarking

- Your own personal learning management system to keep track of all the training and certificates that you gain through the programme.

- This course is available to SCSS Partners for free (limited availability) and at a commercial rate.

"Digital Leadership training opened the minds of our leadership team to the benefits and challenges with the introduction of new digital technology, resulting in readily identifying potential and realisation of benefits from the cultivation and adoption of technology to the benefit of the project in the short term but also the benefit to the business in the long term". **Neil Grosset - Project Director at Costain Group PLC**

"We can't expect our businesses to magically digitally optimise without giving our leaders a broad awareness of the technology, the benefits, the enablers, the opportunity and the risk to project delivery. We need digital evangelists leading our projects and workstreams, and this learning pathway is a great catalyst to a digital by default approach". **Mark Tootell - Project Information Systems Director · Costain Group PLC**
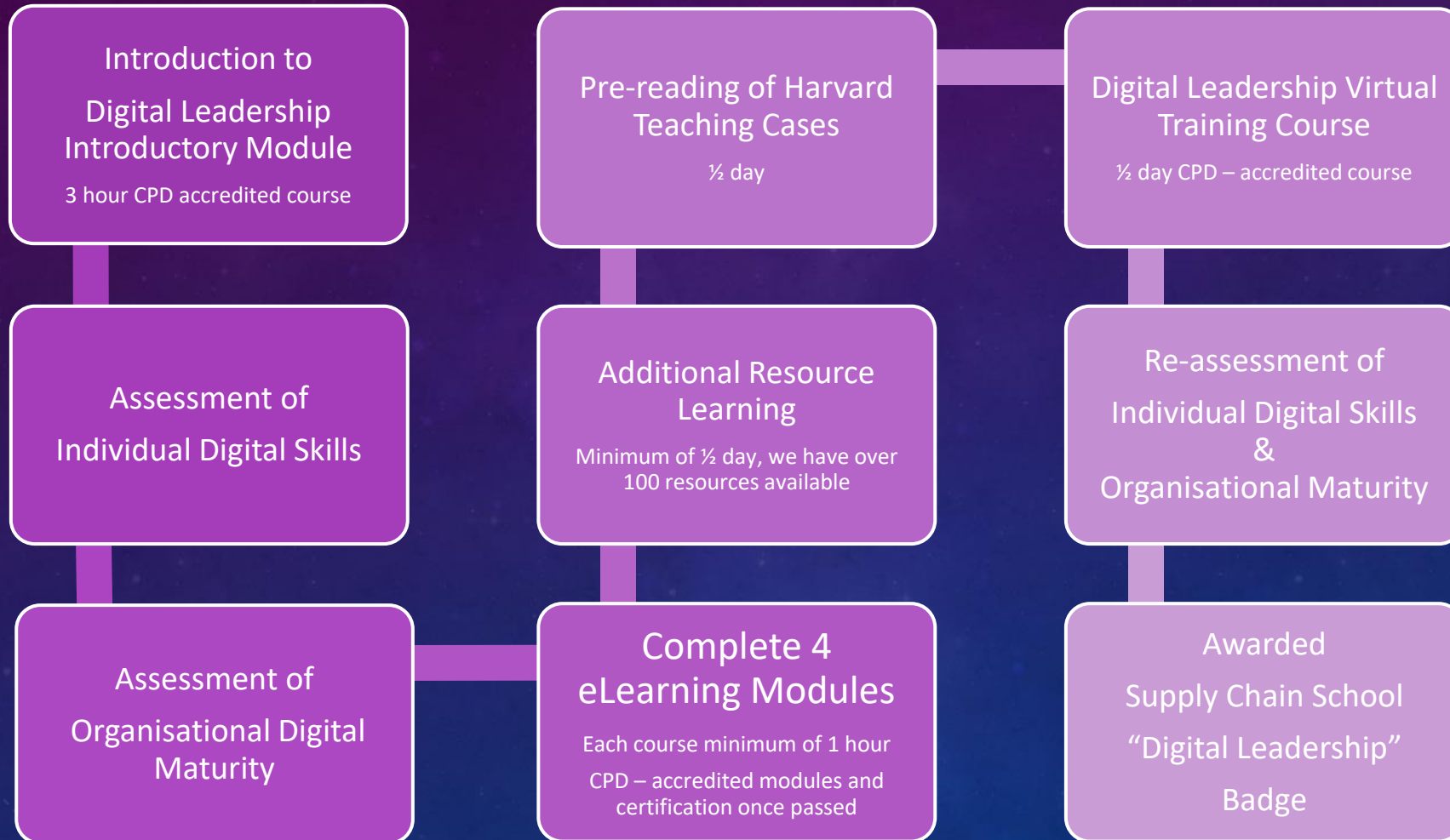
WHAT YOU WILL LEARN

By completing this digital leadership learning programme, you will be better able to embed a digital approach into their business strategies.

You will understand how to:

- Evaluate the benefits and value of digitalisation, including process improvement and technical interventions

- Deliver the cultural change needed to achieve digital transformation

- Evaluate your digital corporate readiness

- Understand the link between data, digital technologies, productivity, value and innovation

- Deliver digital transformation in a project environment

- Embed digital requirements into the supply chain procurement process

THE DIGITAL LEADERSHIP STUDENT'S JOURNEY

Introduction to Digital Leadership Introductory Module

3 hour CPD accredited course

Pre-reading of Harvard Teaching Cases

½ day

Digital Leadership Virtual Training Course

½ day CPD – accredited course

Assessment of Individual Digital Skills

Additional Resource Learning

Minimum of ½ day, we have over 100 resources available

Re-assessment of Individual Digital Skills & Organisational Maturity

Assessment of Organisational Digital Maturity

Complete 4 eLearning Modules

Each course minimum of 1 hour

CPD – accredited modules and certification once passed

Awarded Supply Chain School "Digital Leadership" Badge

TRAINING NEEDS ANALYSIS
UNDERSTANDING YOUR DIGITAL LEADERSHIP SKILLS
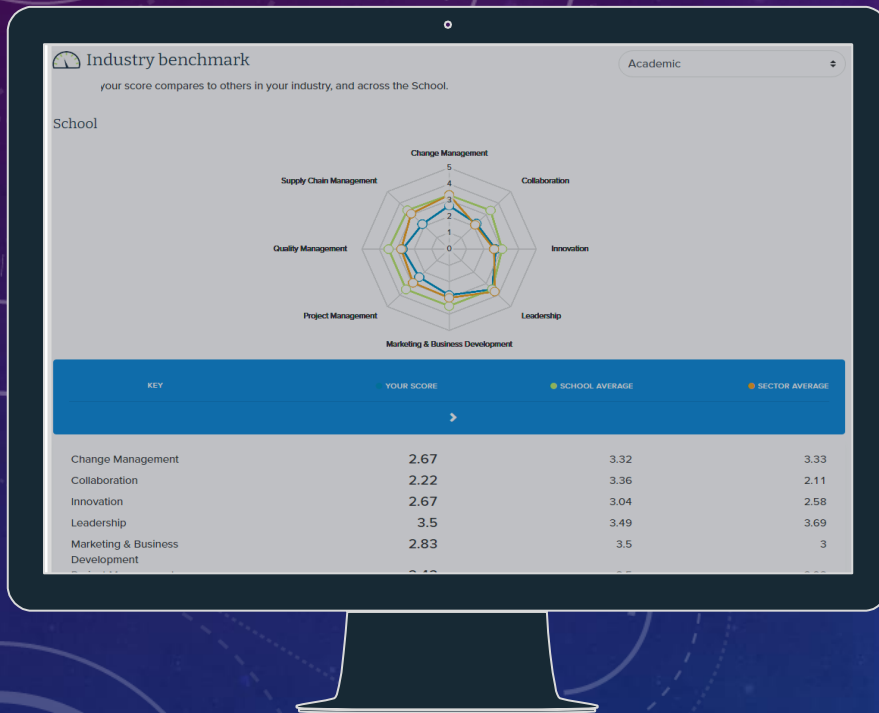
Our programme will provide you and your colleagues with a cloud based assessment tool and learning management system that will enable you all to assess your personal digital leadership skills and, over time, benchmark against aggregated data of others in your sector and the wider

After completing the assessment you and your colleagues will receive a gap analysis and a tailored learning action plan linking you to the Supply Chain School's comprehensive learning library.

eLearning Modules

Digital Leadership

- Understand how to recognise the characteristics of a digital leader
- Understand the Digital Competencies required of a digital leader
- Understand how to develop a digital strategy
- Understand the risks and benefits of digital adoption

Business Case for Digital

- Understand how to create a framework to assess the risks of digital investment
- Understand how to create a framework to assess the value - including non-financial - of digital investment
- Understand how to simulate and automate decision making and drive better business outcomes
- Understanding whole-life costs and benefits

Digital Adoption

- Understand data journey - capture, transfer and analyse, simulate, automate.
- Understand how digital can solve problems and drive improvements though the project lifecycle
- Understand key underpinning technologies such as AI, IoT, Block Chain and 5G

Cyber Security

- Understand how to implement a cyber security strategy that covers people, processes and physical assets
- Understand how to manage known and emerging IT security threats

Harvard Business School based teaching approach

Our courses are delivered in a virtual classroom using the Harvard Business School's teaching case methodology. We have undertaken research into digital adoption in the £4.2bn Thames Tideway project and by researching Skanska's approach to delivering technology -ed innovation in their supply chain. These real-world cases provide learning for the whole industry on how best to lead digital projects in projects, contractors and their supply chains.

Digital Outlook

- Dr. Beth Morgan and Dr. Eleni Papadonikolaki from Digital Outlook undertook our research in to digital adoption in Tideway and Skanska and have developed our Digital Leadership virtual training course to bring the benefits to the sector.

- Delivered through their consultancy, Digital Outlook, the course uses collaborative approaches to learning, to help firms, their managers and their leaders to develop the knowledge and capabilities needed to meet the challenges and realise the opportunities of digital transformation.

Our Method:

- Eleni and Beth are both certified in the Harvard Case Teaching methodology. The methodology was designed specifically for teaching executives in the business world.

- Our flipped-classroom approach engages the audience through our virtual classroom featuring highly interactive sessions that focus on managerial dilemmas. The sessions have been tested and peered reviewed by a wide range of managers in the construction and infrastructure sectors.

Digital Leadership
TIDEWAY's DIGITAL EVOLUTION

Learning objectives :

▶ Debate and unpack the idea of digital leadership and the importance of transactional vs transformational leadership styles.

▶ Critically evaluate the importance of the use of technologies in context (rather than the artefact).

▶ Explore ways in which digital technologies contribute to productivity and how this can be quantified.

Digital Leadership
SKANSKA's DIGITAL SUPPLY CHAIN

Learning objectives:

► To understand what informs digital innovation investment decisions.

► To identify the reasons of failed digital innovation.

► To evaluate how Skanska measures the digital readiness of its supply chain.

► To develop ideas for improving the digital capabilities across the supply chain as the digital innovation landscape changes.

SUPPLY CHAIN SUSTAINABILITY

SCHOOL

DIGITAL MATURITY MATRIX
UNDERSTANDING YOUR ORGANISATION'S DIGITAL MATURITY
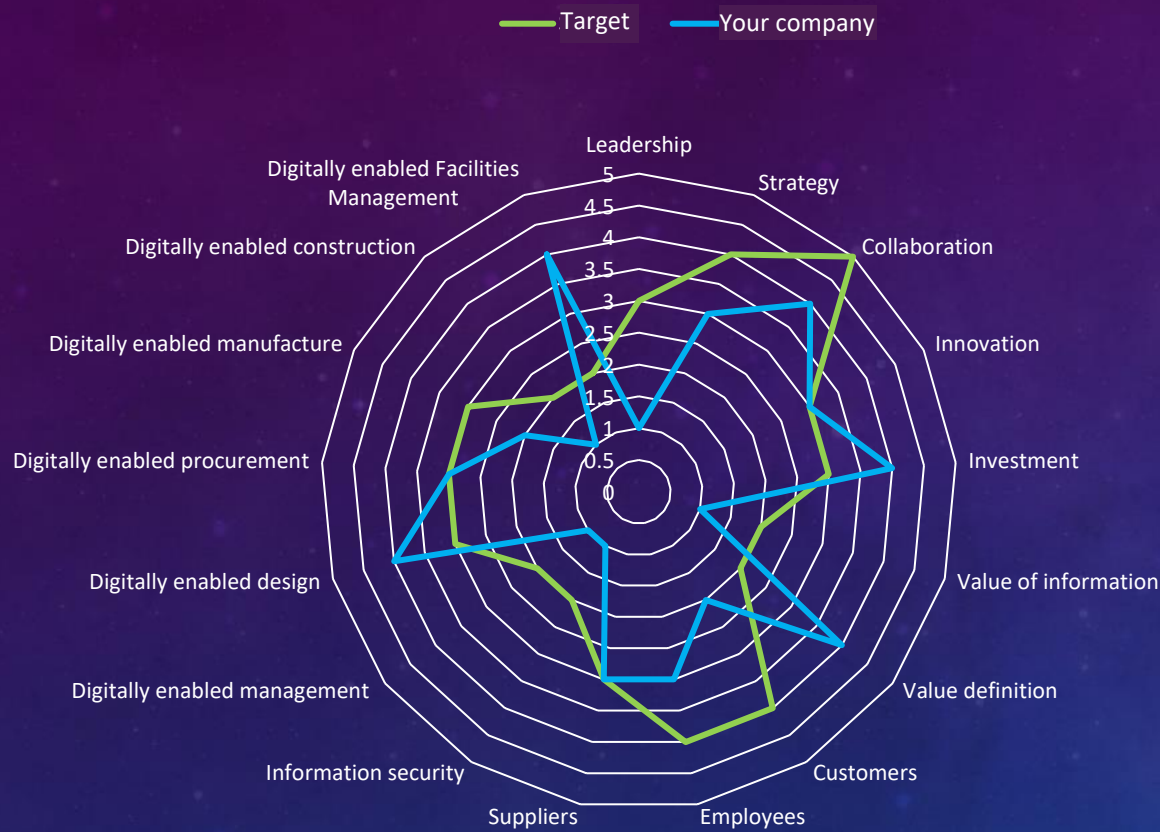### AND THAT OF YOUR SUPPLY CHAIN'S
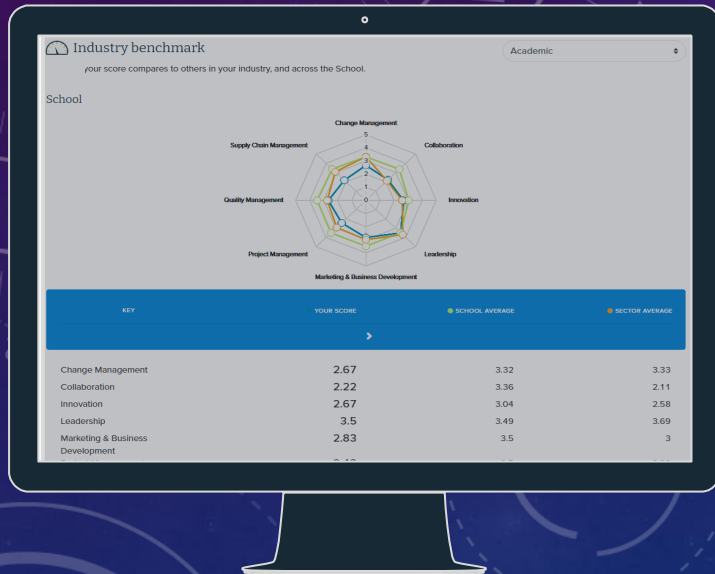
Our program will provide you with a cloud based tool with which you can assess your own organisation's digital maturity and over time benchmark against aggregated data of others in your sector and the wider industry.

Once you have completed your own assessment, you can then provide the tool for your own suppliers and indeed your customers, to understand where they sit on the digital adoption curve.

By completing the assessment you'll receive a gap analysis and a tailored learning action plan linking you to the Supply Chain School's comprehensive learning library.

Digital Maturity Assessment – gap analysis output

Your organisation's maturity against target

— Target   — Your company

Leadership, Strategy, Collaboration, Innovation, Investment, Value of information, Value definition, Customers, Employees, Suppliers, Information security, Digitally enabled management, Digitally enabled design, Digitally enabled procurement, Digitally enabled manufacture, Digitally enabled construction, Digitally enabled Facilities Management

Supplier A performance against target

— Target   — Company

Leadership, Strategy, Collaboration, Innovation, Investment, Value of information, Value definition, Customers, Employees, Suppliers, Information security, Digitally enabled management, Digitally enabled design, Digitally enabled procurement, Digitally enabled manufacture, Digitally enabled construction, Digitally enabled Facilities Management

NEXT STEPS

FOR MORE INFORMATION:

TO GET STARTED ON THE PROGRAMME OR SIMPLY BOOK A COURSE CONTACT

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