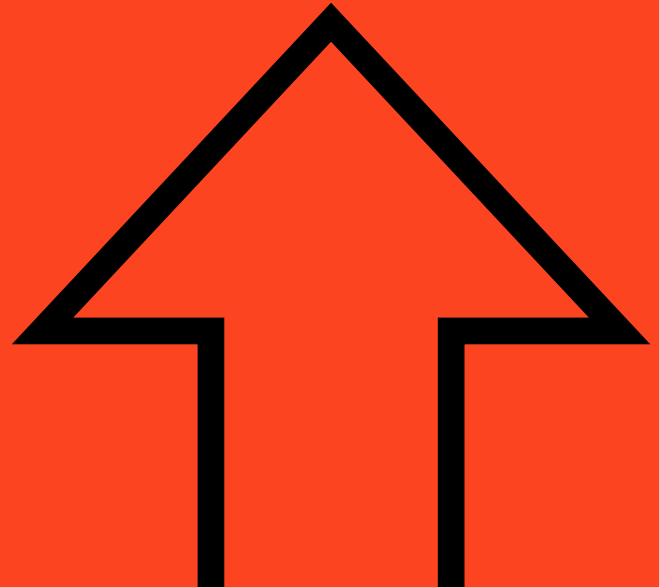
INDUSTRY PLACEMENTS CONSTRUCTION

4 July 2023



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HM Government

WELCOME

TODAY'S TEAM



Karen Kelly

Webinar Presenter and host

Industry Placement Team

SDN



Julia Hellyer

Employer Panellist

Group Social Value Manager

Bowmer + Kirkland

WEBINAR FORMAT

Broadcast

Your microphone will be muted

Use the Q&A function for questions

Feel free to use the chat box

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AGENDA

1 Introductions
What are T Levels

2 Industry placements

3 Student perspective

4 Interview with Julia Hellyer – B+K

5 Q&A

6 Next steps / support available

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WHAT ARE T LEVELS?

THREE EDUCATION AND TRAINING OPTIONS, POST-GCSE

A LEVELS

Subject-based qualifications

two years
at local college or school

T LEVELS

2-year technical programmes at
Local colleges, schools, training providers
80% classroom based
20% in a placement

Includes **Industry Placements**
to build attitudes and behaviours
and to develop practical skills

APPRENTICESHIP Level 2/3

at least 12 months work-based training

80% on the job
20% off the job

Followed by possible progression to :

Higher Education

Skilled Employment

Higher level Apprenticeship / technical training

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THE T LEVEL PROGRAMME

2 years

80%

Up to 1400 hours

TECHNICAL QUALIFICATION	Core	English and maths
	Occupational specialism	Other requirements

20%

At least 315 hours

350 hours average

Technical skills and knowledge	Practical skills for employment	Meaningful contribution in the workplace

INDUSTRY PLACEMENT

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WHICH T LEVELS WILL THERE BE, AND WHEN?

AUTUMN 2020

- Digital production, design and development
- **Design, surveying and planning for construction**
- Education and childcare

AUTUMN 2021

- **Building services engineering for construction**
- Digital business services
- Digital support services
- Health
- Healthcare science
- **Onsite construction**
- Science

AUTUMN 2022

- Finance
- Accounting
- Maintenance, installation and repair for engineering and manufacturing
- Engineering, manufacturing, processing and control
- Design and development for engineering and manufacturing
- Management and administration

AUTUMN 2023

- Agriculture, land management and production
- Legal

AUTUMN 2024

- Animal care and management
- Craft and design
- Media, broadcast and production
- Hair, beauty and aesthetics

AUTUMN 2025

- Marketing

Future

- Catering

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CORE CONTENT FOR CONSTRUCTION T LEVELS

- health and safety
- the science behind building design, surveying and planning
- making accurate and appropriate measurements
- construction methods
- building regulations and standards
- data management and information standards in construction
- relationship management and customer service
- how the Internet of Things (IoT) impacts construction
- digital engineering techniques
- mathematical techniques to solve construction problems
- construction design principles and processes
- the construction industry and its role in the economy
- sustainability and the environmental impact of construction
- business, commerce and corporate social responsibility

OCCUPATIONAL SPECIALISMS

DESIGN, SURVEYING & PLANNING

- surveying and design for construction and the built environment
- civil engineering
- building services design
- hazardous materials analysis and surveying

BUILDING SERVICES ENGINEERING

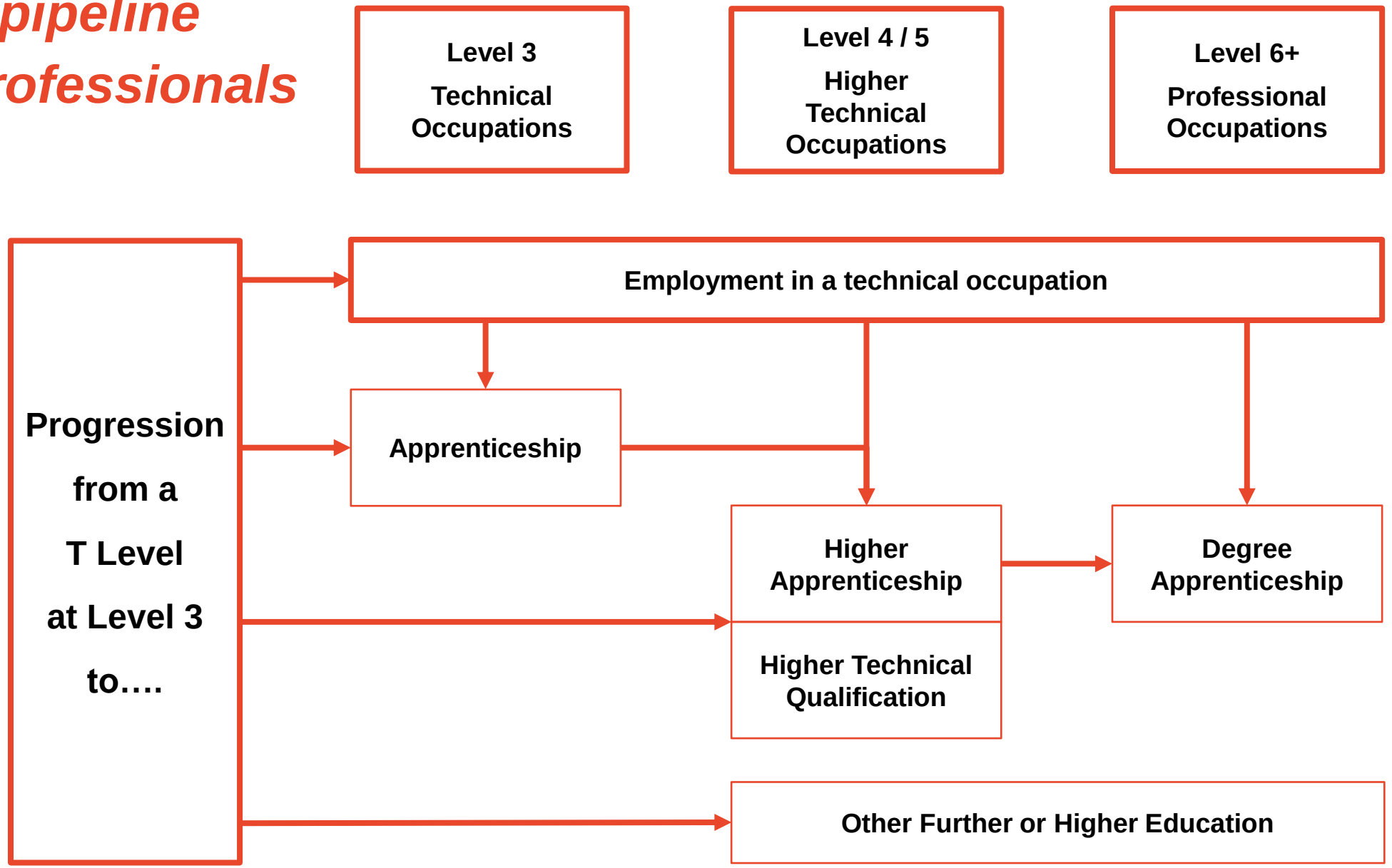
- electrical and electronic equipment engineering
- electrotechnical engineering
- gas engineering
- protection systems engineering
- plumbing and heating engineering
- heating engineering and ventilation
- refrigeration engineering and air conditioning engineering

ONSITE CONSTRUCTION

- bricklaying
- carpentry and joinery
- plastering
- painting and decorating

WHAT FOLLOWS T LEVELS?

Building your pipeline of technical professionals



WHAT ARE INDUSTRY PLACEMENTS?

WHAT ARE INDUSTRY PLACEMENTS?

- Time spent by a 16-19 year old student, learning and working in an organisation
- **In a real environment –** with an employer making a meaningful contribution to the organisation
- Minimum of **45 days** (approx. 315 working hours)
- **Occupationally-specific** – developing students' practical and technical skills

Delivery approaches: all T Levels

WORK TASTER ACTIVITIES

SMALL TEAM PROJECTS (UP TO 1/3RD)

PATHWAY PLACEMENTS

PART TIME WORK RELATED TO PATHWAY

UP TO 2 EMPLOYERS

SUPPLY CHAIN + EMPLOYER NETWORKS (+2 EMPLOYERS)

SPECIAL EDUCATIONAL NEEDS AND DISABILITY

YOUTH OFFENDERS INSTITUTION

Delivery approaches: specific T Levels

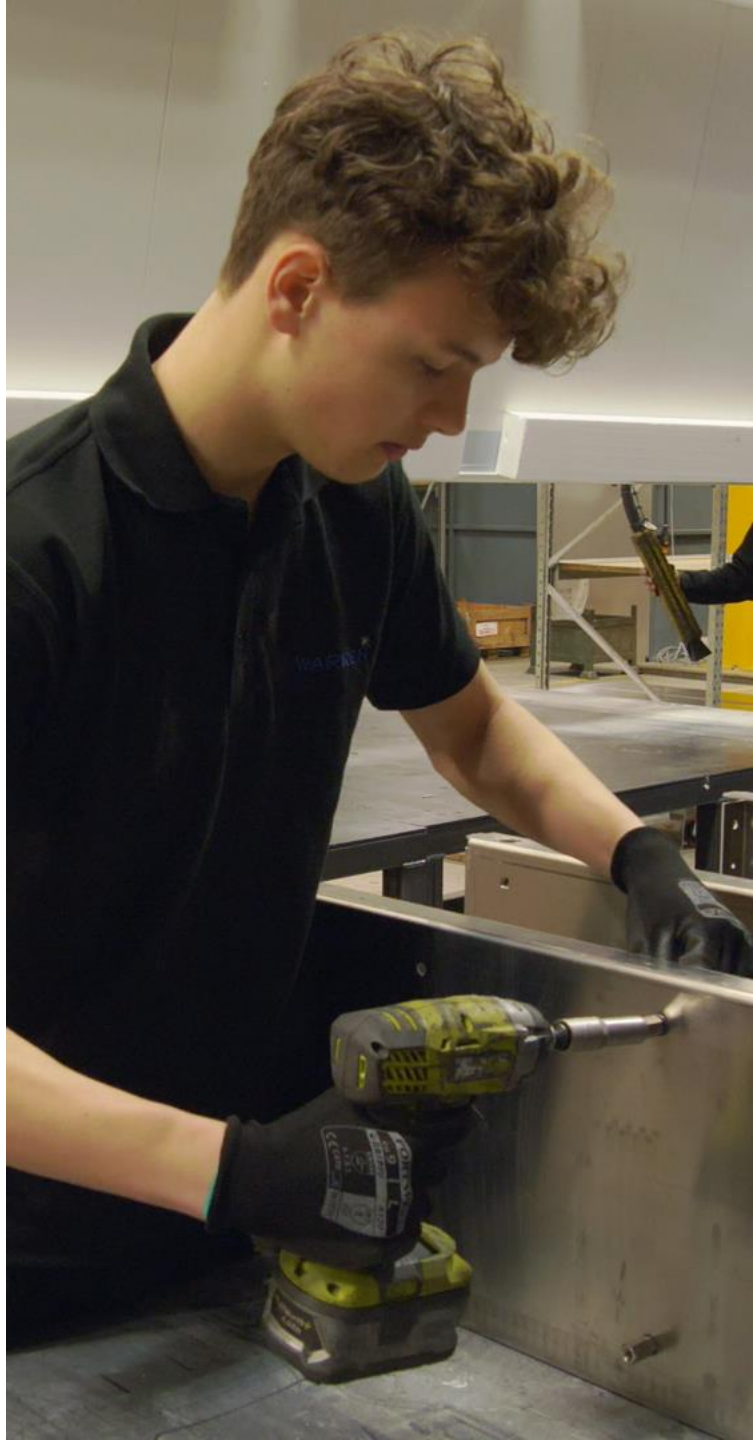
ROUTE LEVEL PLACEMENTS

SKILLS HUB/ EMPLOYER TRAINING CENTRES

HYBRID PLACEMENTS

WHAT DO INDUSTRY PLACEMENTS EMPLOYERS NEED TO OFFER?

- Projects and tasks for students that will help them to learn practical and technical skills
- A safe work environment
- Equipment and resources for the work
- Induction
- Someone to supervise and someone to mentor
- Feedback and review



WHY OFFER AN INDUSTRY PLACEMENT?

INDUSTRY PLACEMENTS MODELS AND OPTIONS

WHICH PLACEMENT MODELS MIGHT WORK FOR YOU?

MODEL	When this model might work	Example role
DAY RELEASE	• Where regular support would be useful as your pattern of work is steady and regular • Where you have a variety of tasks that need doing regularly, • Where the mentor or line manager would prefer to limit their supervision time during a given week	**Sole trader / micro business (onsite trade / building services engineer)**
BLOCK	• Where concentrated work over an extended period is needed to achieve project deadlines • Where students can be aligned to projects, events or annual business processes • To allow managers to schedule and plan for groups of students	**Civil engineering**
MIXED	• Where a student's course becomes more specialized • Where regular and project activities can make up a placement • Where there are several workplaces within a single employer allowing the student to experience more than one	**Bench joinery (off-site)**

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WHAT ARE EMPLOYERS ASKING ABOUT INDUSTRY PLACEMENTS?

WON'T WE BE EXPOSING BUSINESS-CRITICAL SYSTEMS?

DOES THE PLACEMENT HAVE TO BE COMPLETELY IN PERSON?

WHAT IF I HAVE TO PAY FOR EXTRA SPACE AND EQUIPMENT FOR A PLACEMENT STUDENT?

WHAT IF WE OPERATE OUTSIDE OF NORMAL WORKING HOURS?

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EXAMPLE PROJECTS (AVAILABLE FOR ALL T LEVELS)

CONSTRUCTION AND THE BUILT ENVIRONMENT

Sole trader or micro business (onsite trade/building services engineer)

A small plumbing firm always has an apprentice to support the business. However, 1 day a week the apprentice is at college.
To have continuous support for the team, the plumbing firm arranges for a 2-day-a-week industry placement student to buddy with an apprentice on day one and then to provide cover, under supervision, on the day that the apprentice is at college.

Projects and activities:

- Interpret plumbing system information from specifications and technical manuals
- Update online customer maintenance documents and records
- Calculate resource and component requirements for maintenance assignments
- Replace and repair components in plumbing systems
- With supervision, interact with different clients to obtain information about maintenance requirements

Other examples available here: https://employers.tlevels.gov.uk/hc/en-gb/articles/4403442972434

EXAMPLE PROJECTS (AVAILABLE FOR ALL T LEVELS)

CONSTRUCTION AND THE BUILT ENVIRONMENT

Civil Engineering

A large construction company provides an industry placement in a block of 9 weeks.

The student works in the regional office initially to learn about a project, before observing a civil engineer, then moving to a site office to support civil engineers on a busy phase of a road project.

Projects and activities:

- Conduct research into potential civil engineering solutions
- Interpret information and data from secondary sources
- Investigate the measurement standards, guides and practice required for civil engineering projects
- Use software to analyse data and model information
- Contribute to the development of civil engineering solutions by checking the accuracy of measurements

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Other examples available here: https://employers.tlevels.gov.uk/hc/en-gb/articles/4403442972434

Hot Topics

for construction Industry placements

Health and Safety requirements, safeguarding and insurance, regulation and paperwork

The resources needed to recruit, set up, manage, oversee and evaluate placements

Hot Topics

for construction Industry placements

The construction sector needs to be ambitious when working with younger people encouraging them to enter the industry

How do placements fit with apprenticeships, work experience, higher education and other recruitment routes?

How does this support a talent pipeline?

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STUDENT PERSPECTIVE



SERENA TALKS ABOUT…

- *WHY SHE CHOSE T LEVELS*
- *THE REAL WORLD OF WORK*
- *WHY SHE LOVES CONSTRUCTION*
- *HOW HER PLACEMENT HELPS LEARNING*

INTERVIEW WITH…

JULIE HELLYER

BOWMER + KIRKLAND

Making it Happen

Have a vision

for how industry placements can support your partnership with the community and add considerable value to your talent pipeline

Making it Happen

Be brave

Concerns about health and safety, safeguarding and regulation are solvable and can be accommodated

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Making it Happen

Construction is a safe and interesting sector to work in

Young people are often surprised at the variety of careers

If they don’t know, they can’t make a positive choice

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Q&A

POLL

Based on what you have heard about industry placements:

1. *Are you more likely to implement industry placements?*
2. *Are you more confident to implement industry placements?*
3. *Has this webinar been useful and practical for your industry placements planning?*

POLL ***Based on your current circumstances and your understanding of T Levels, is your organisation likely to offer Industry Placements?***

1 *Yes - we are already hosting T Level Industry Placements*

2 *Yes – in the next six months*

3 *Yes – in seven to twelve months*

4 *Yes – more than a year from now*

5 *Not in the foreseeable future*

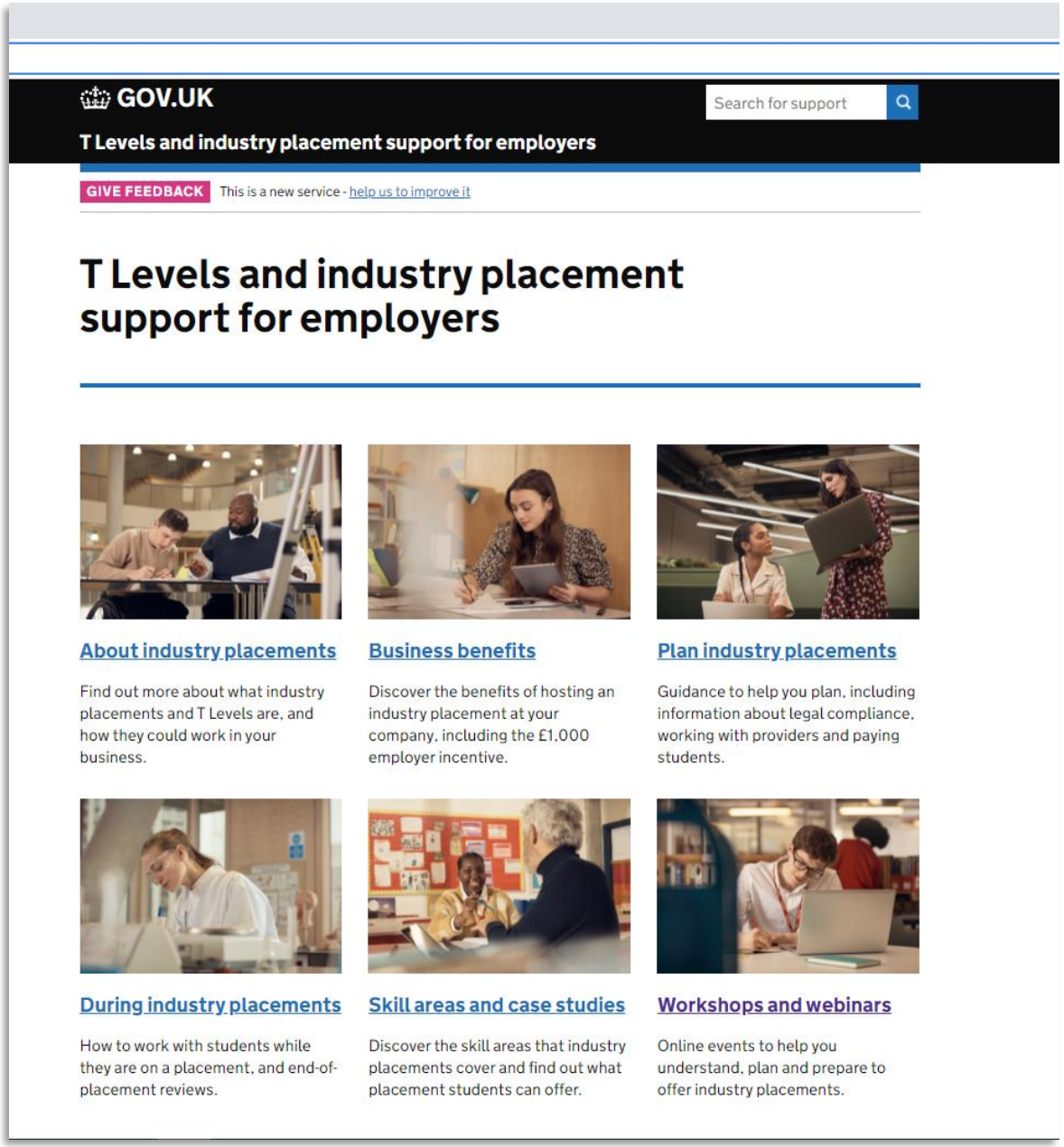
6 *No*

7 *Don’t know*

NEXT STEPS AND SUPPORT

https://employers.tlevels.gov.uk/

- Bespoke one-to-one support
- Tools, resources and case studies
- Book workshops and webinars



https://employers.tlevels.gov.uk/

Early access
to the brightest talent

Shape the **future**
of your industry

5 **simple** steps
Find out how industry placements work

Partner with a school or college

Search for providers
See schools and colleges near you.

Enter postcode or town | Search

Invite providers to contact you
Leave your details for them to get in touch.

Register your interest

▶ Looking for providers in more than one location?



About T Levels and industry placements

What industry placements



Plan industry placements

Guidance to help you plan,



During industry placements

How to work with



Business benefits and case studies

Discover the benefits of

https://employers.tlevels.gov.uk/

Register an interest in T Levels and industry placements

Enter your details into our online form and we will share your interest in T Levels and industry placements with registered T Level schools and colleges for 12 weeks.

If a provider would like to speak to you about an industry placement or other T Level opportunity, they can contact you using the details you provide.

The form takes about 5 minutes to complete.

> This form is only for employers with a single business location. If your organisation has multiple locations and you'd like to register an interest in T Levels and industry placements, contact us

Register an interest

More about T Levels and industry placements

What are T Levels?

What are industry placements?

How industry placements work

Contact us | Accessibility | Cookies | Terms and conditions | Privacy notice

THANK YOU

https://employers.tlevels.gov.uk/



Disclaimer
This advice is general guidance and is not legal advice. It should not be acted on without a full understanding of your current situation. You can access the latest government guidance on industry placements at www.tlevels.gov.uk. SDN Enterprises Ltd (trading as SDN) has tried to ensure that the information and advice we give is accurate. However, SDN will not accept liability for any loss, damage or inconvenience arising as a consequence of any use of or the inability to use any information or advice given.