



UK BATTERY
INDUSTRIALISATION
CENTRE

Future Skills for the UK's battery ecosystem: A view from UKBIC's Head of Learning & Development

Jonty Deeley-Williamson, Head of Learning & Development

What are we going to cover?

- Skills landscape: moving from ICE to BEV
- The Net Zero challenge
- Where do we find 40,000 people from?



Where the UK stands today



A **TATA** Enterprise



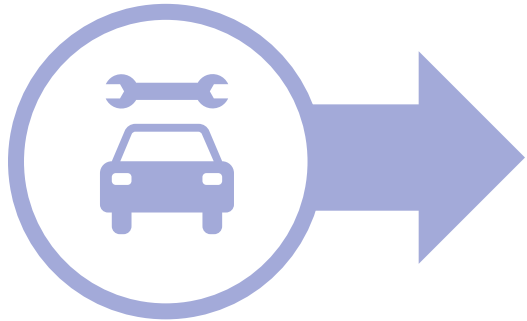
Battery Innovation
Programme



UK cell production capacity (announced) vs projected 2035 demand



The UK is strong in vehicle and niche vehicle manufacture



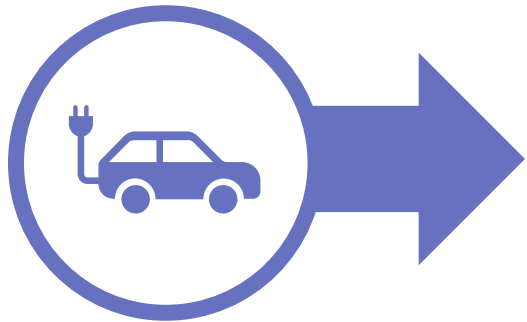
492k

Estimated cars
built in the UK YTD



796k

people employed across
UK automotive



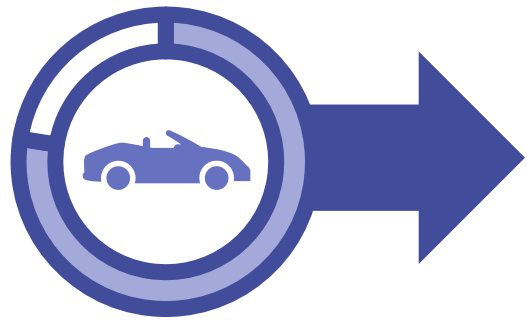
1.5m

EVs (including PHEV
& HEV) registered in
the UK 2025 YTD



183k

employed directly in
manufacturing



77.5%

Cars made in the UK
exported YTD



40k

new jobs forecast to be
created in the sector by
2030

Workforce breakdown



50%

Production



30%

Maintenance
and engineering



10%

Quality



9%

Other (inc. IT
and data)



1%

Management

180

battery
manufacturing
jobs per GWh
per year

35,000

new jobs in
battery
manufacturing
plants by 2040

65,000

more in the
supply chain

Qualification
L2/3 required
for production
staff and
logistics

Skills challenge: Finding the workforce

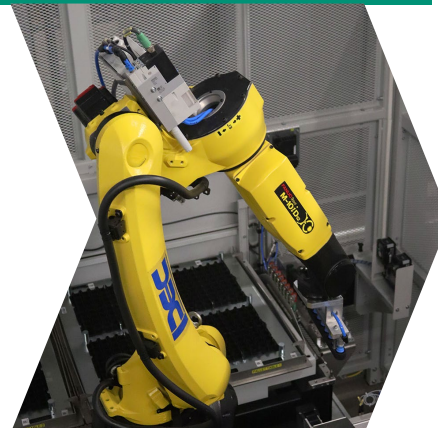
Allied industries



Electronics



Data analysis



Assembly line



UK battery skills ecosystem – delivery



UK battery skills ecosystem – skills for the future



SouthWest Battery
Skills Response



Takeaways

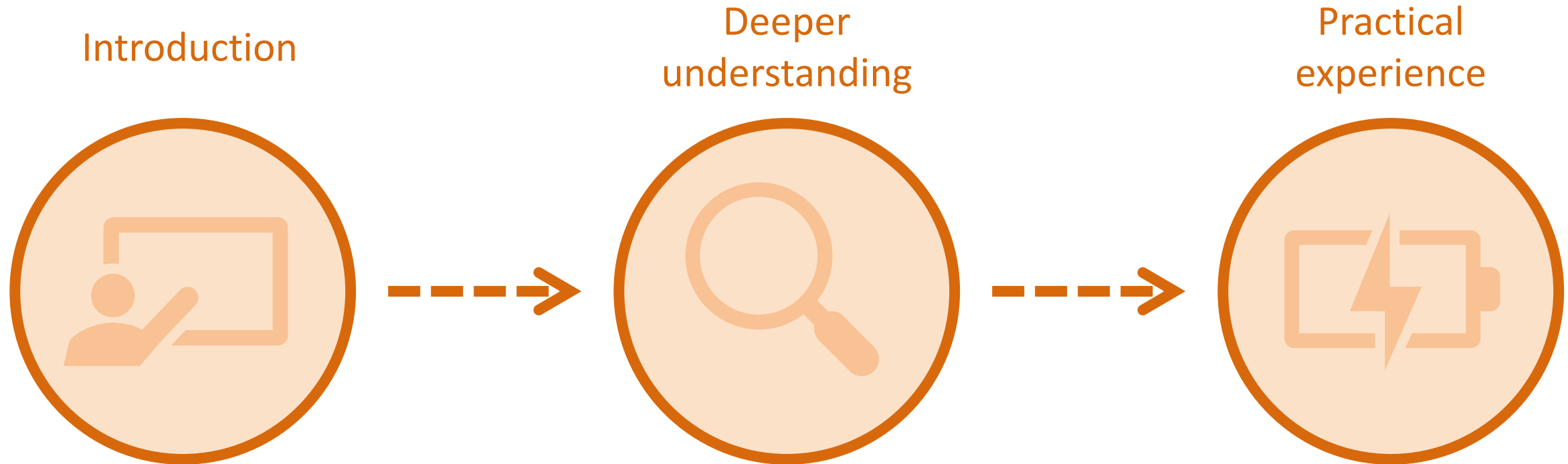
- We've only started the journey
- Already delivered niche training for small numbers
- The real challenge is doing this at scale
- AND taking people along for the electrification journey



Training at UKBIC



What training is available at UKBIC



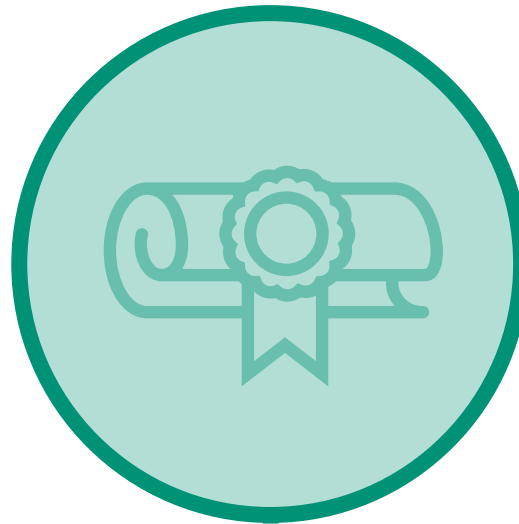
Training solutions that build from knowledge to confident application

Training the world

Apprenticeship
standards



Battery manufacturing
qualifications



STEM
outreach



*Award
Certificate
Diploma*



Available to book now:



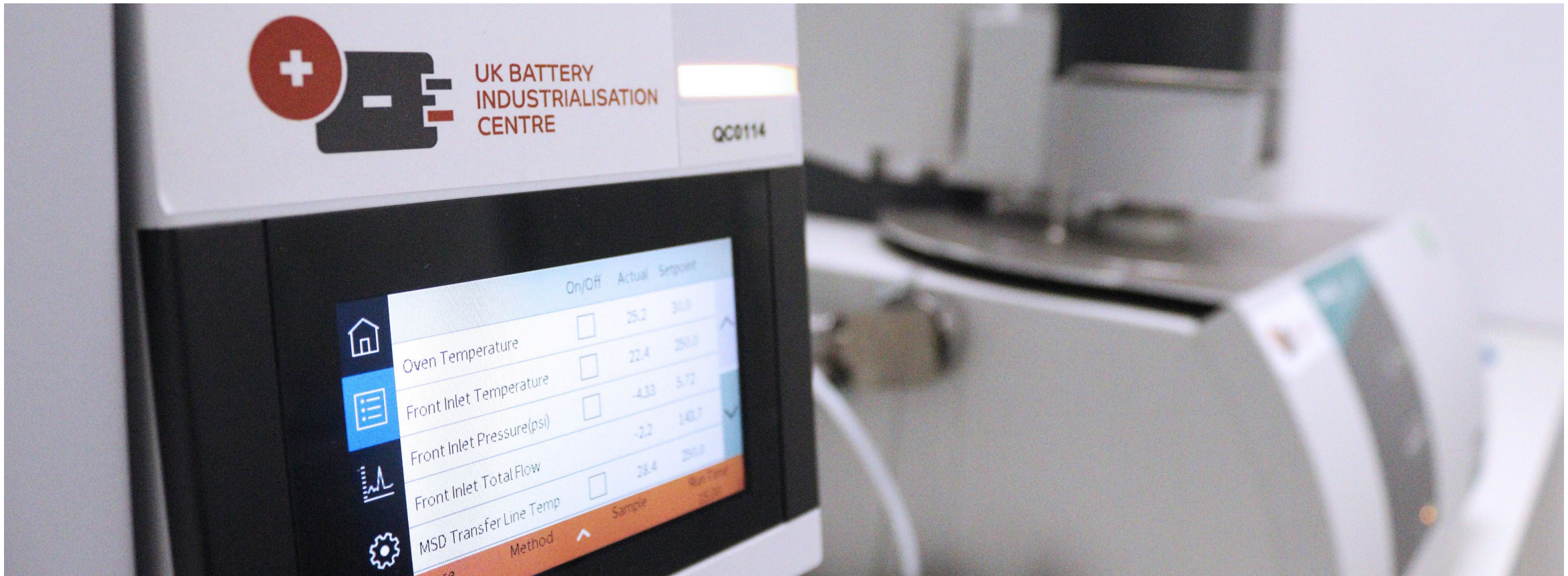
Introduction to Battery Manufacturing

- 12/13 January 2026
- 11/12 February 2026
- 16/17 March 2026
- 13/14 April 2026

Contact us for process deep dives

Webinar: Battery Development Laboratory webinar

Date January 2026



Pre-Asked Questions

- Can your training sessions delivered in-person at UKBIC also be delivered online, or can they also be delivered through a blended approach?
- What qualifications or certifications can participants earn through UKBIC training programmes?
- Are there apprenticeship standards or pathways for those looking to enter the battery manufacturing industry?
- Have you got plans to be a certified training centre?
- How is UKBIC planning to evolve its training offerings to meet the growing demand for skills in the UK battery ecosystem over the next five years?

Thank you



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