

This presentation was given at:



Smart Buildings

SHOW

12-13 October 2022 • ExCeL London



Inspire the next 'Smart' Generation

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BCIA

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“Inspiring and supporting the next generation of engineers will help society solve the big technical and scientific challenges of today and tomorrow”

Kevin Mitchell – CIBSE President



Background & Motivation

- I started as an apprentice at 17 (6 months College, 6 months Work, repeat)
- I did a year's industrial placement during my degree
- I pursued my career for 20 years or so (& continue to do so)
- The pay forward motivation kicked in about 15 years ago
- BCIA & CIBSE have been great platforms for promoting skills
- Net Zero (or de-carbonisation)



What is causing the high demand for Skills?

- A historic lack of training in this sector
- Significant advances in technology this century
- Getting Smart Equipment working Smarter
- The immediate reality of Climate Change and Net Zero
- Wellbeing
- Covid

Why we are now able to Inspirewith confidence!!

- There is a huge demand for skills
- It is a well paid and fulfilling profession
- It is becoming increasingly diverse
- There are now formal qualifications available & career pathways
- To be part of a crucial period in our history

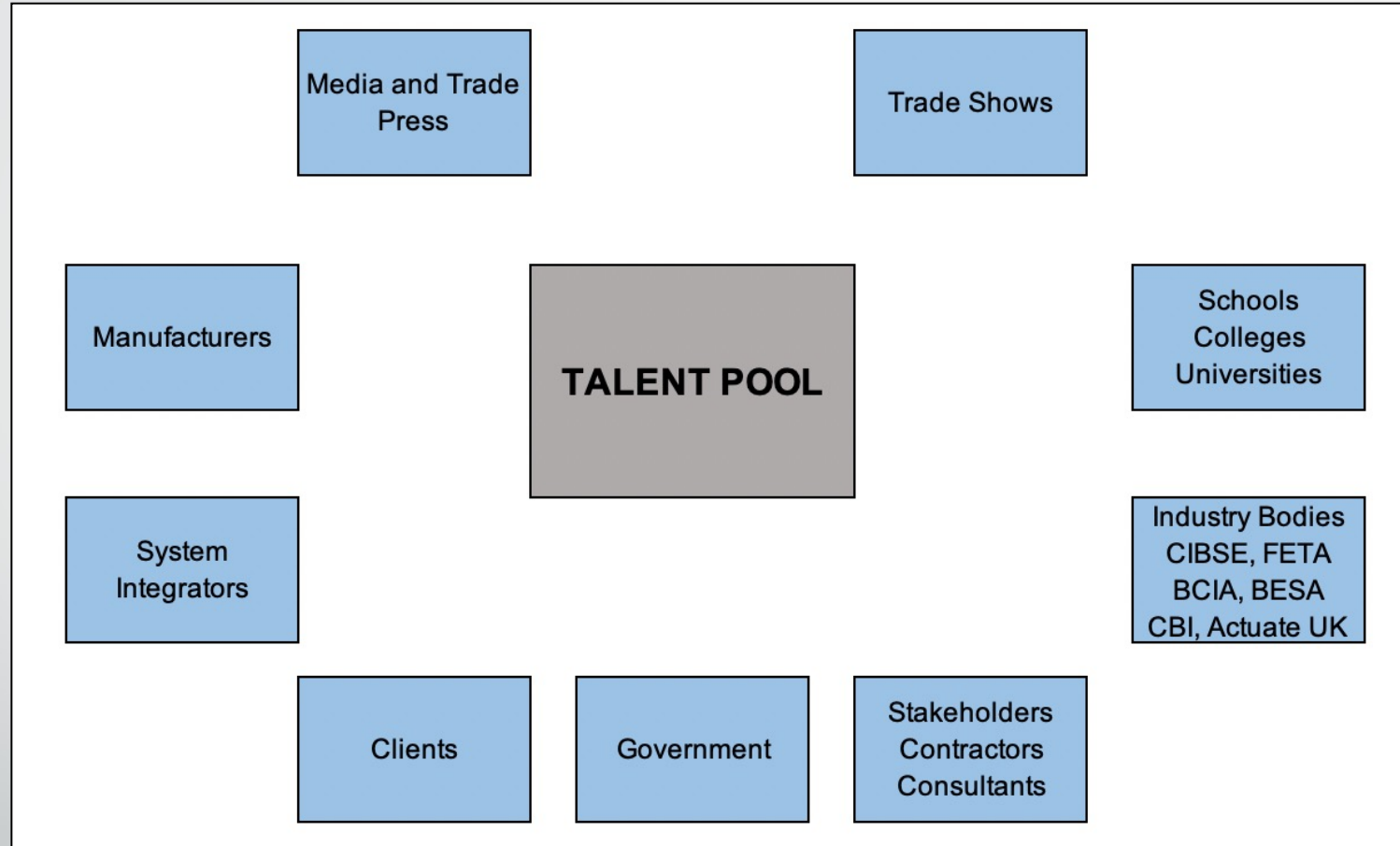
What did our Speakers say?



Inter-generational Inspiration!

- Modern Tech - Traditional Tech
- Engineering Principles - Engineering Principles
- Risk - Cautious
- Enthusiasm - Perspective
- Speed - Patience
- Diversity
- Reverse Mentoring

Inspire & Collaborate





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