



**Marc Vincent**

**CIGRE UK Technical Conference, Birmingham**  
**20. November 2025**



**cigre**

For power system expertise

---

## Marc Vincent



Marc Vincent is the Head of Strategic Network Development at National Grid, a Chartered Engineer with over 15 years of experience spanning System Operation and Transmission Network Planning. Throughout his career, Marc has led initiatives across network design, power system economics, and strategic development, holding senior roles within National Grid and NESO. He brings deep expertise in shaping the future of the energy system, with a strong focus on how its interconnected parts work together to enable a fair and just transition for all.





# National Grid

Developing the Future Network

**Marc Vincent**  
Head of Strategic Network Development  
National Grid



# The Future Network...

- New system needs
- Delivery challenges
- Right for the future: today



Wave 1 Our 6 most advanced ASTI projects mostly in delivery

Wave 2 11 ASTI projects in the consenting process or shortly to be in delivery

Wave 3 and Beyond ASTI development projects or Future projects needed for a post 2035 network





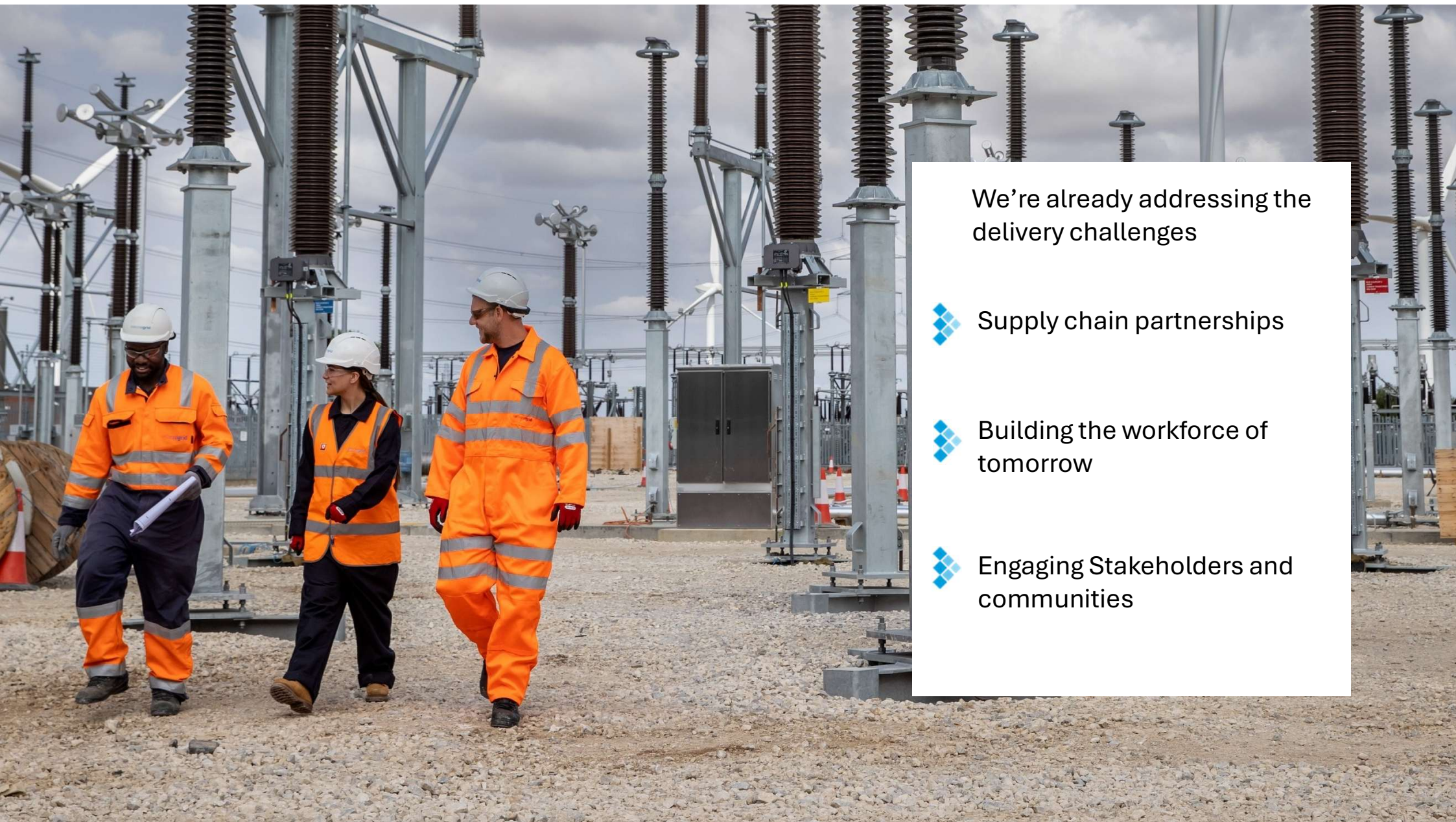
## The Power System is changing and becoming a bigger part of everyday life...

Electricity becomes more vital to people as supports ever more heating/transport and is the backbone of the digital world

New technology: Strategic demand, multiple HVDC convertors, faster changing flows, Ultra High Voltages

Flexible to different sources of supply/demand and other external factors





We're already addressing the delivery challenges

◆ Supply chain partnerships

◆ Building the workforce of tomorrow

◆ Engaging Stakeholders and communities



# OUR PARTNERS

Great Grid Partnership | Electricity Transmission Partnership | HVDC Framework





In 2025, National Grid has

**1,092 APPRENTICES  
& GRADUATES**

and will be recruiting more than

**2,300**

in the next five years





So far for the ASTI projects we've undertaken...

**324**

Consultation events

**23,000**

Attendees

**43,000**

Pieces of feedback



# How do we make the network “Right for the future: today”?

Think hard up front – robust and resilient development

Digitise – automate to stress test and optimise

Innovate – new technology and integrate



# SAFE & WELL

