

This presentation was live at:



# Smart Buildings

**SHOW**

18-19 October 2023 • ExCel London

# Building Controls- Powering a Zero Carbon Built Environment



# Panel



Chair

**Graeme Rees**  
BCIA President



**Fay Holland**  
Energy Systems  
Catapult



**Dan Hopkins**  
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**Signe Norberg**  
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Group



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# About the BCIA

Established 32 years ago, BCIA's membership has more than doubled in the past 5 years

Focused solely on the growth and development of the Building Controls industry (Building Management, Energy and Automation Systems)

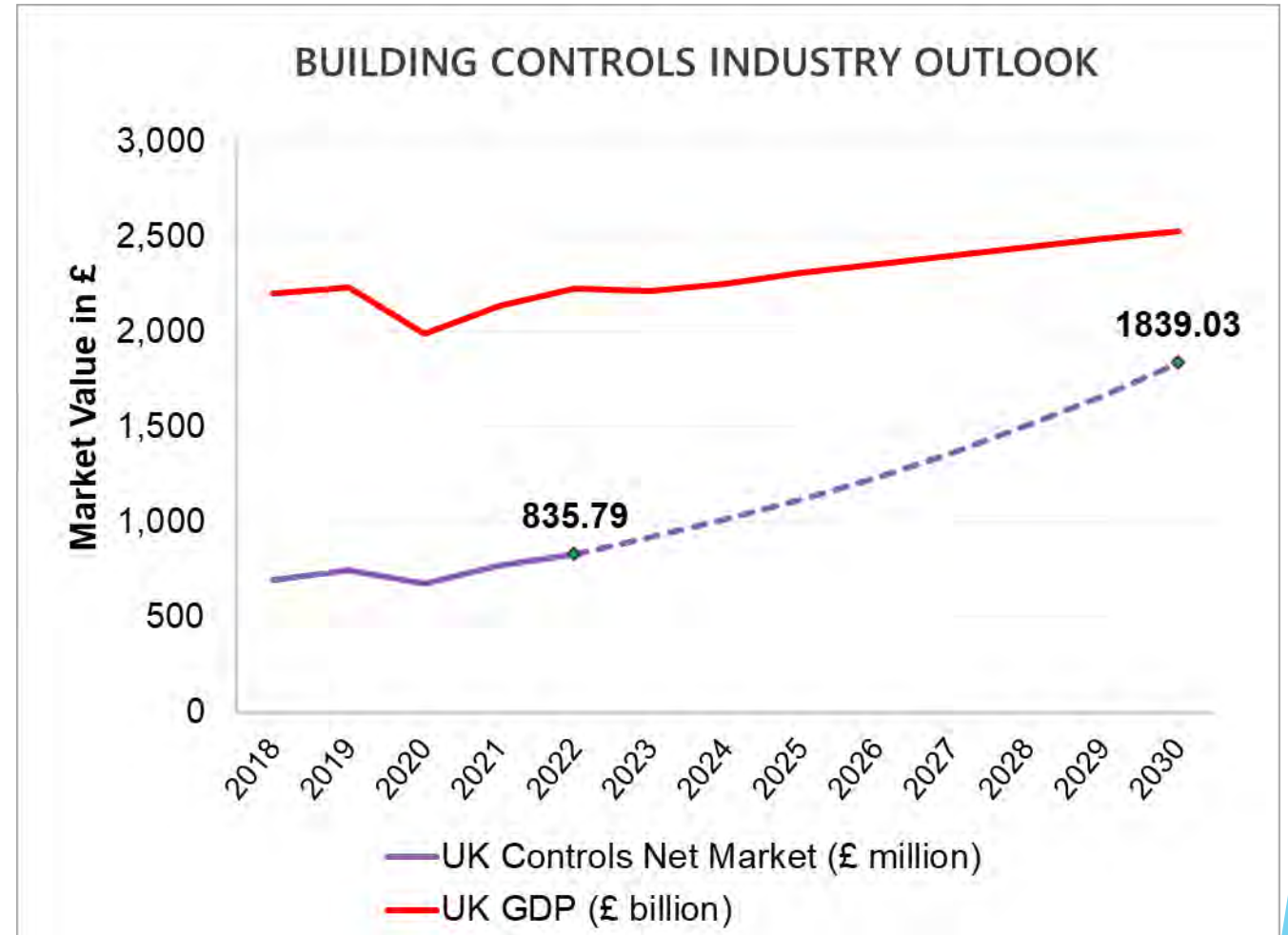
The Association represents a sector worth over £835m per year and our membership, of almost 160 companies, accounts for around 70% of the market

As the unified voice of the Building Controls Industry, we:

- Represent members' interests, particularly relating to policy & legislation
- Engage with Government and other external stakeholders and partners
- Provide technical guidance information
- Deliver quarterly Market Insight Reports, exclusive to members
- Support collaboration through events, networking and learning opportunities
- Drive up competency standards through delivery of the BEMS Apprenticeship and accredited technical training provision.

# Industry Outlook

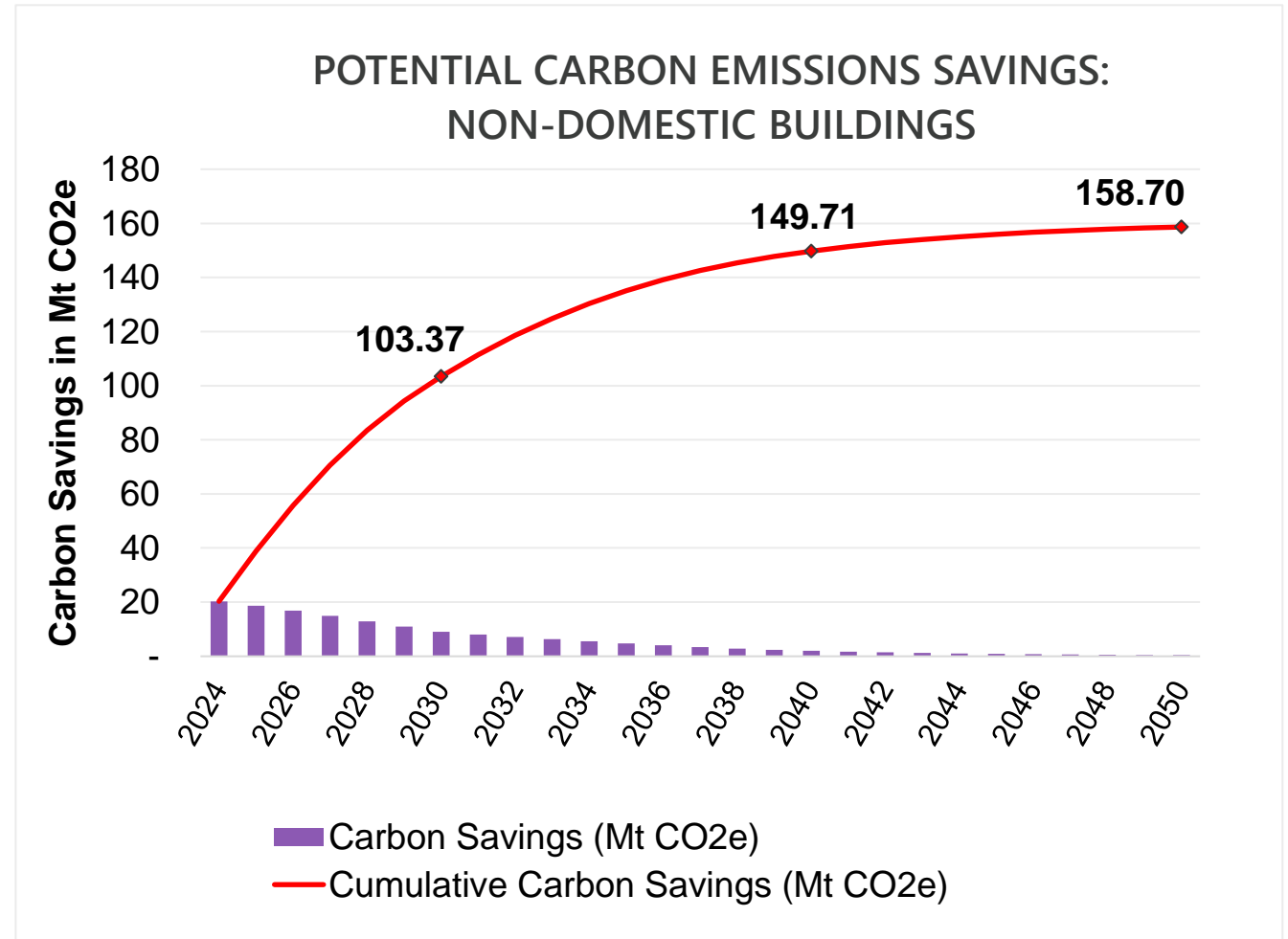
- In 2022 annual value of £835 million
- BCIA MIS shows consistent overall growth
- Projected growth of 10.36% p.a.
- Expected to drive around 8,600 new employment opportunities
- Main drivers of growth include:
  - Energy costs, energy efficiency, net zero, air quality and occupant wellbeing
- Challenges:
  - Recruitment difficulties, inflation



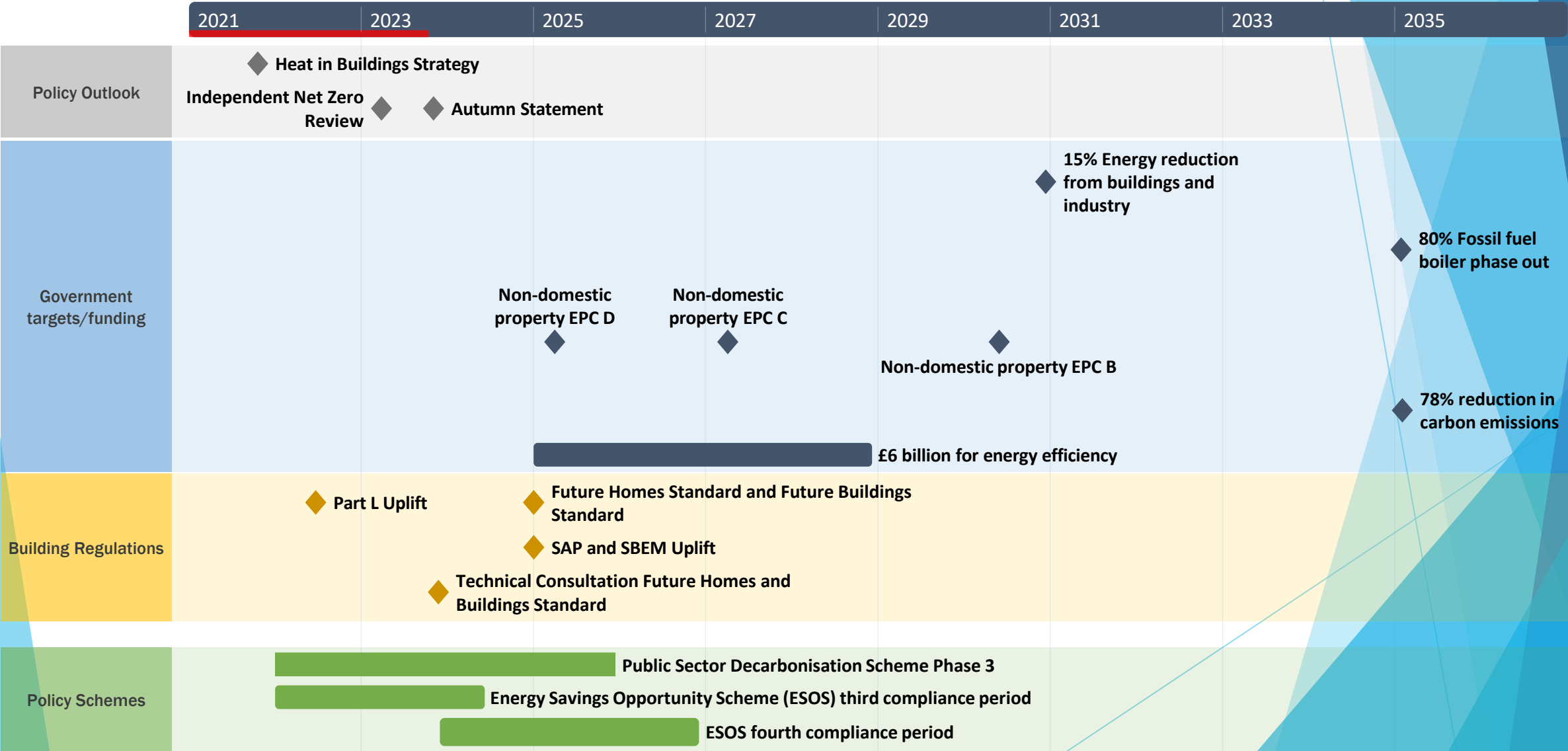


# Cutting Carbon and Cost with Controls

- If all non-domestic buildings had Class A BACS, the result would be;
  - Total bill savings of £91.5 billion
  - Cumulative emissions savings of 158.70 MtCO<sub>2</sub>e to 2050
    - Equivalent to taking 4.1 million cars off the road
  - Exceeding Government's target of 15% energy reduction target by 2030.
- Class A controls reduce final energy consumption by 30%
  - In comparison heat pump reductions have been found to be 36%.



# Policy Overview and Timeline



# Policy Vision

Building automation and controls recognised as a key technology for decarbonising the buildings stock

Recognition and support for building automation and controls across UK Government policy schemes

Policy and legislative driven uptake of building automation of controls to meet legislated air quality, carbon, and energy efficiency standards, including mandatory installation in non-residential buildings from 2025

Ensuring policy, regulative, and legislative standards reflect industry best practice and are updated



# Panel Discussion and Q&A



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Thank you for  
attending today



Find out more  
about us at  
[www.bcia.co.uk](http://www.bcia.co.uk)



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## SHOW

9-10 October 2024 • ExCeL London

We look forward to seeing you in 2024