



## Introduction to The Fusion Cluster

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# Benefits

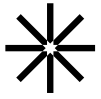
# 01

Why technology clusters matter



“ Research clusters attract inward investment from businesses looking to access knowledge and talent, bringing a positive impact to the wider local economy in terms of jobs and infrastructure investment

UK GOVERNMENT WHITE PAPER “INDUSTRIAL STRATEGY: BUILDING A BRITAIN FIT FOR THE FUTURE”, 2017



# US technology clusters



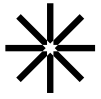
10 technology clusters account for 70% of inventors in computer science



Productivity increases by 12% when inventors move from small technology clusters to large ones



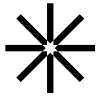
Drop of 13% in computer science patents if clusters were disbanded



# Mission

# 02

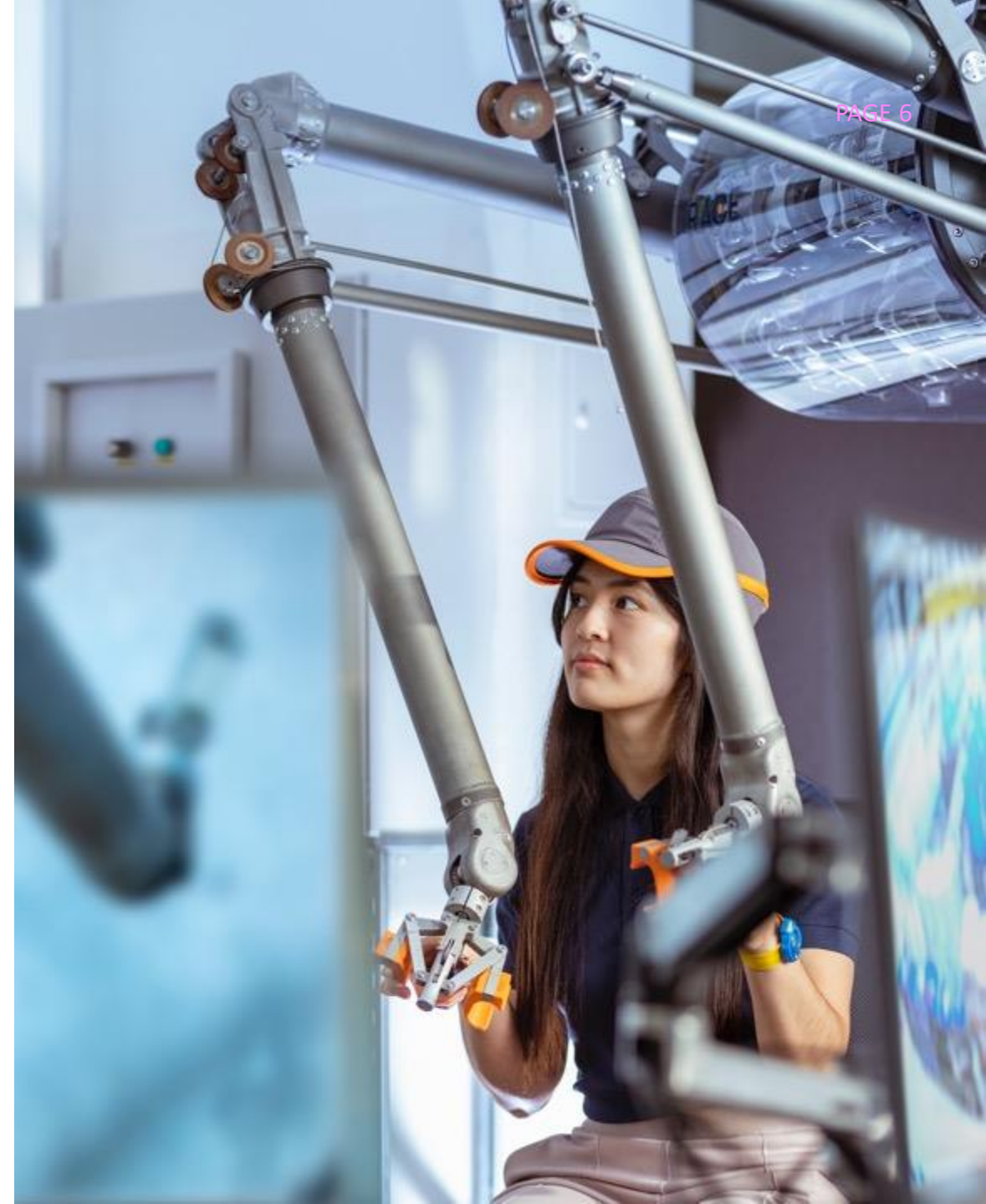
The Fusion Cluster brings the right organisations and people together to get to fusion faster.

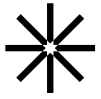


DUTCH FUSION DAY/3 MAY 2024

## Established November 2021, supported by UKAEA

- \* Fusion energy is too complex for any one organisation to achieve alone.
- \* Creating clusters that accelerate innovation in fusion and related technologies is one of the goals in UKAEA's mission statement.
- \* Although UKAEA provides funding, it is a member like any other. Branding, data, messaging are separate from UKAEA.
- \* The Fusion Cluster brings together businesses, academia, investors and government to create the conditions needed to help achieve fusion faster.

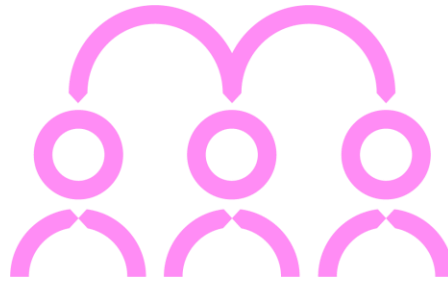




# What the cluster offers



Access to talent



Access to national facilities



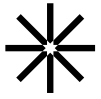
Knowledge sharing



Showcasing fusion

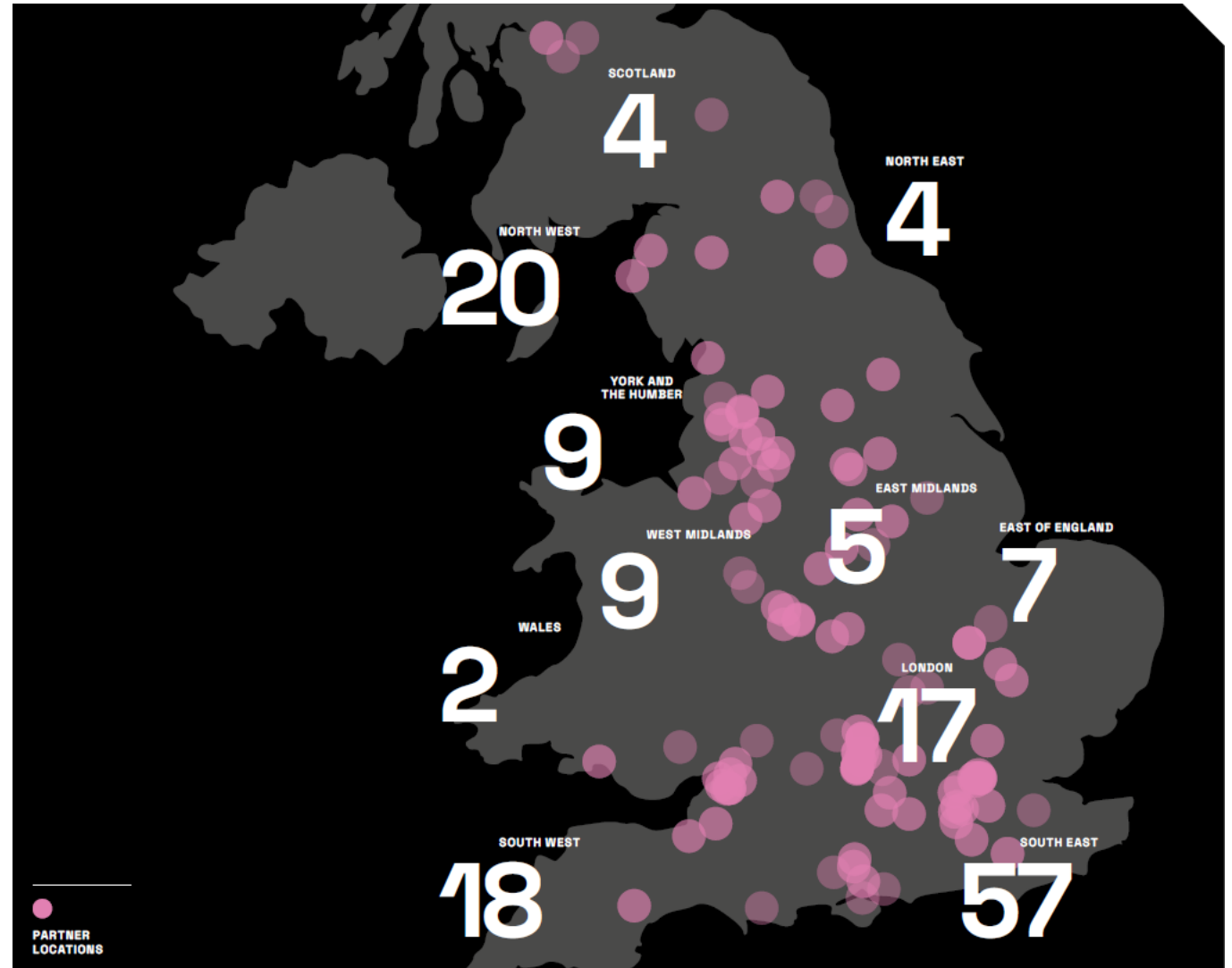


Support for start-ups

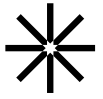


## Who is in the cluster?

- \* 200+ organisations across the UK with suppliers the largest group
- \* 12 private fusion energy developers, who have raised over \$2.9billion in investment
- \* Free to join, no MOUs, contracts or NDAs







# Constituents within the cluster & their motivations

Private fusion  
companies

Raise profile and  
awareness of  
fusion

Suppliers

Create a supply  
chain ecosystem,  
meet others

Investors

Raise awareness  
of commercial  
opportunities

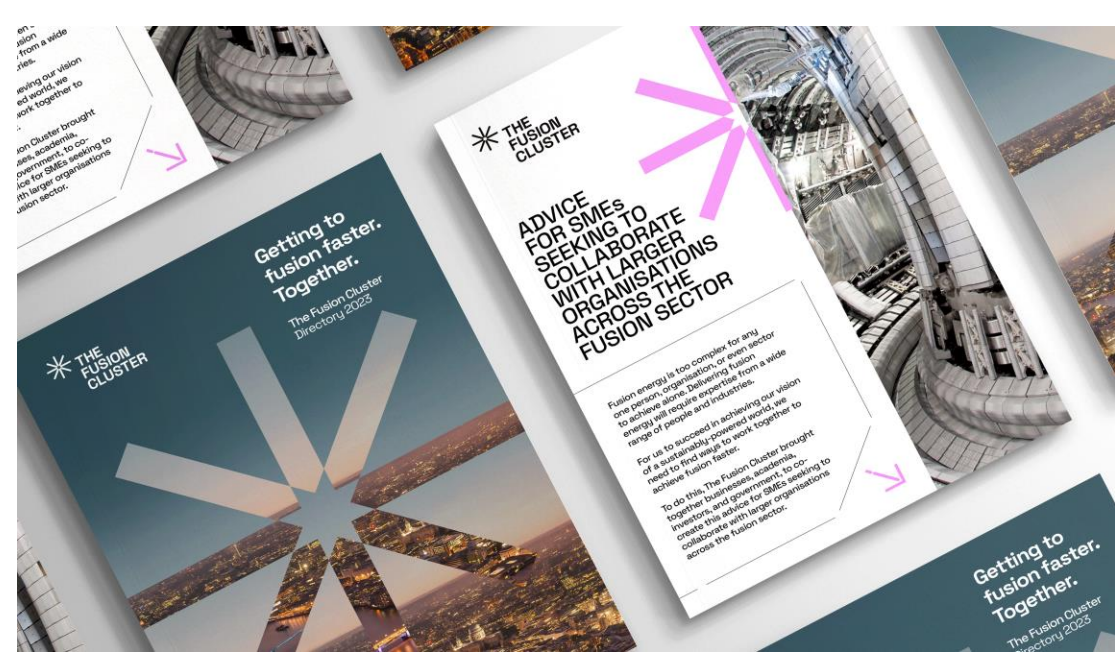
Government

Clear point of  
contact

Academia

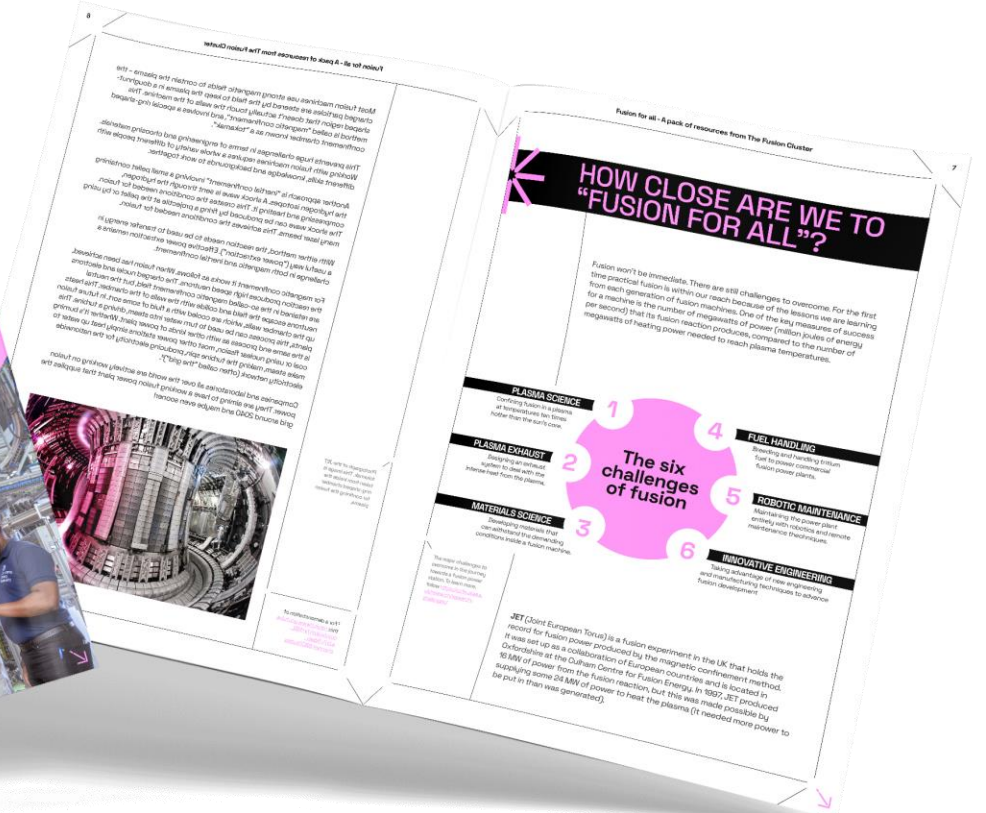
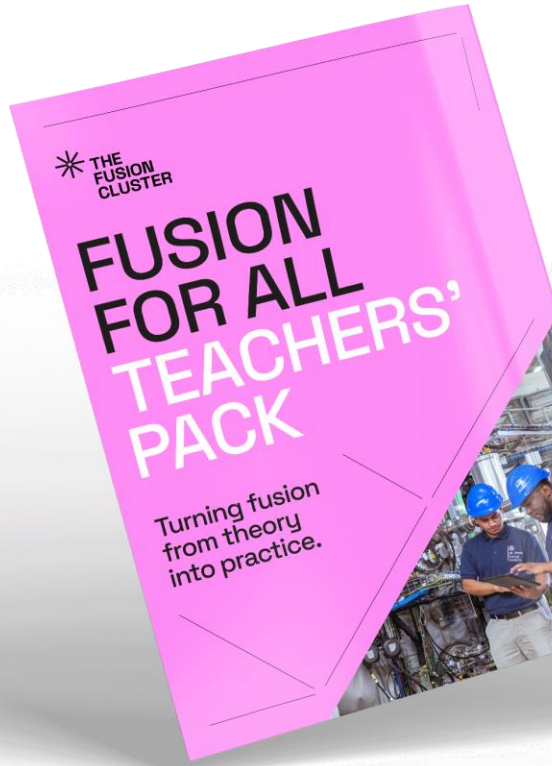
Identify next  
facilities needed  
and common  
technological  
challenges





Connecting companies in the supply chain at events and via the [directory](#).

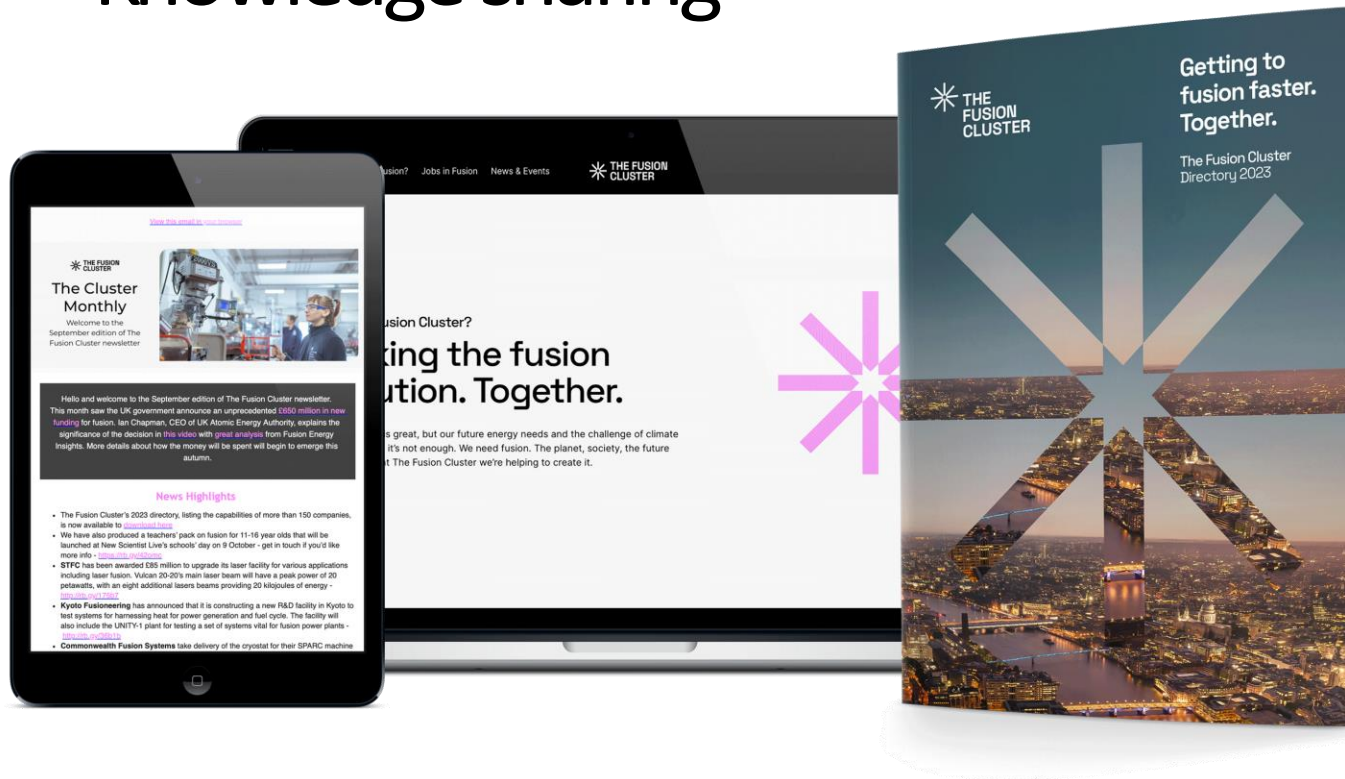




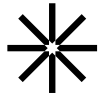
New Scientist Live was an opportunity to raise awareness of fusion to 23,000 attendees and distribute educational resources to 130 teachers. Teachers' pack written for KS3 and KS4 students by educational consultant who knows curriculum & what teachers want.



# Knowledge sharing



Monthly newsletter and website with brochure and [reports](#), including “[Growing the fusion workforce](#)” and [advice for SMEs](#) working in fusion



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# What's next for The Fusion Cluster?

# 03



# FUSION 24

[Sponsorship](#) [Overview](#)

# FUSION 24

**THE WORLD'S GREATEST FUSION ENERGY SHOWCASE RETURNS.**

FUSION24 is the ultimate fusion energy event for anyone who wants to learn more about the opportunities that this emerging industry offers businesses, communities and the planet.

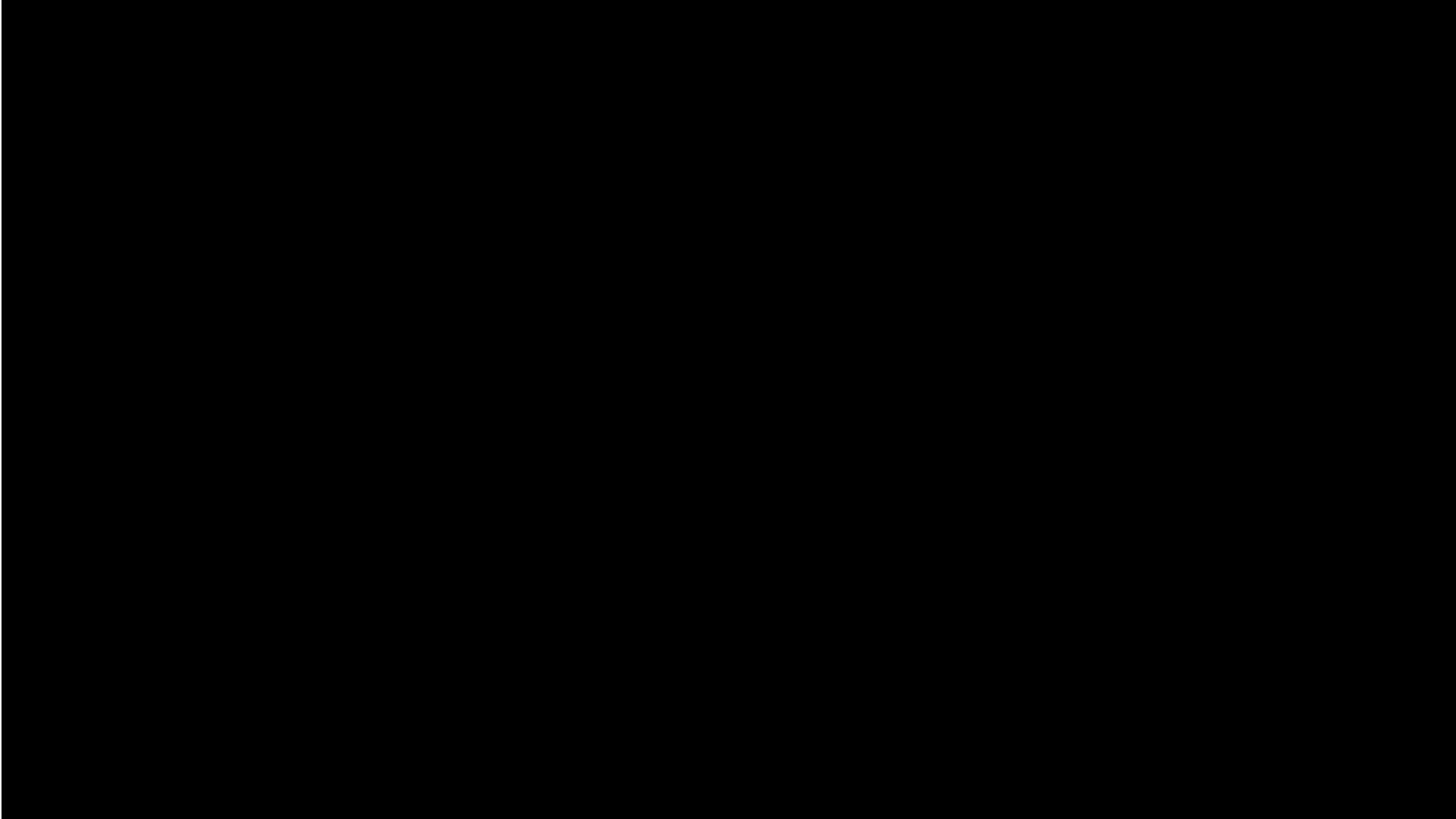
**Tuesday 18 June 2024,  
Science Museum London and online**

[Click here to register for FUSION24](#)



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- \* FUSION24 [fusioniscoming.com](https://fusioniscoming.com) and related activities.
- \* The Fusion Cluster is taking over the secretariat function of the **All Party Parliamentary Group on fusion energy** and working with strategic consultants to re-energise the group.
- \* Refresh advisory board to reflect that The Fusion Cluster is moving from growth phase to delivery phase
- \* Join, find out more

[thefusioncluster.com](https://thefusioncluster.com)

**FUSION**<sub>24</sub>

Sponsorship Overview

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Join or find  
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