



Introduction to BCIMO and the VLRNIC



INTRODUCTION TO BCMO AND THE VLRNIC



Name:

- Olivia Brown

Job Title:

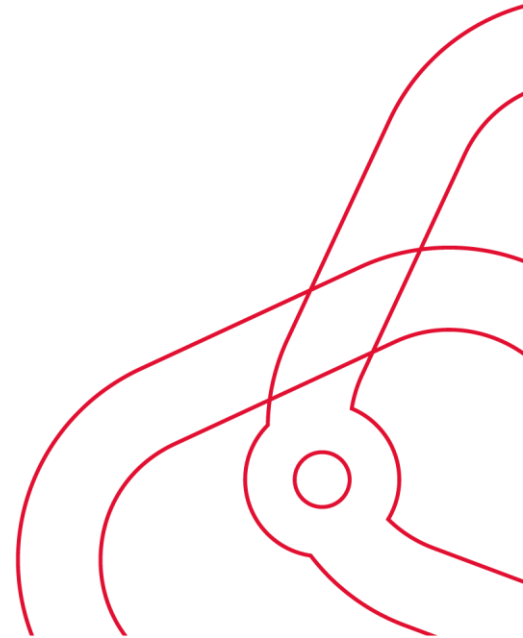
- Operations and Marketing Manager

Organisation:

- Black Country Innovative Manufacturing Organisation

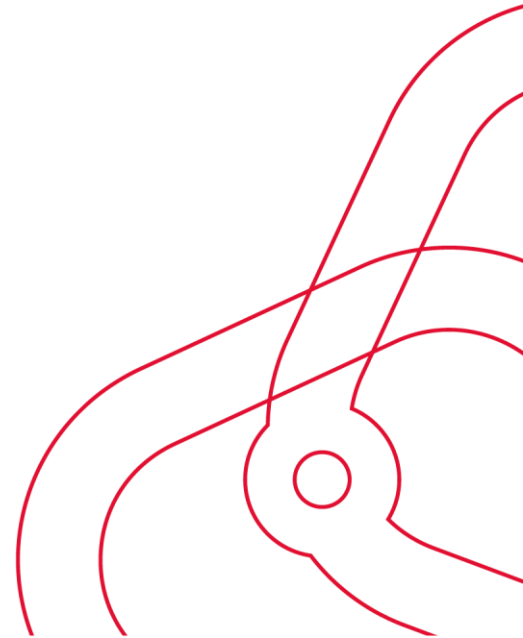
Contact Details:

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INTRODUCTION TO BCIMO

- Not-for-profit Research and Technology Organisation (RTO)
- Operator of the Very Light Rail National Innovation Centre (VLRNIC)







Unique, purpose-built, world-class centre for innovation across the whole of the rail industry - particular focus on light (LR) and very light rail (VLR)

Based in Dudley in the West Midlands - the heart of the Black Country
Only one of its kind in the UK!



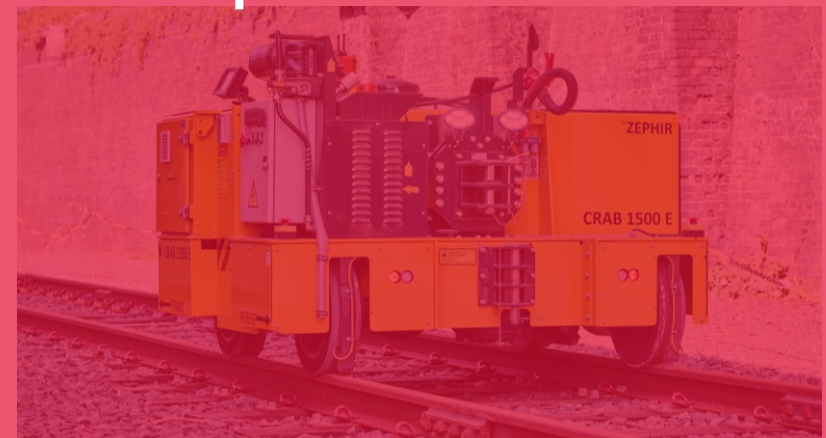
Offers hireable facilities across four categories; Rail Development & Test Site (RDTs), Meeting and Event Spaces, Engineering Labs & Equipment, Serviced Offices & Meeting Rooms

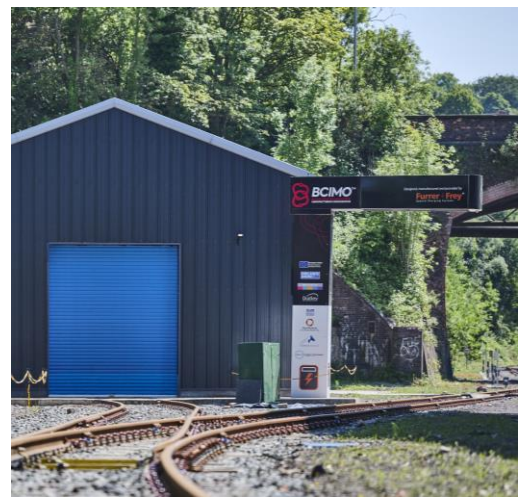
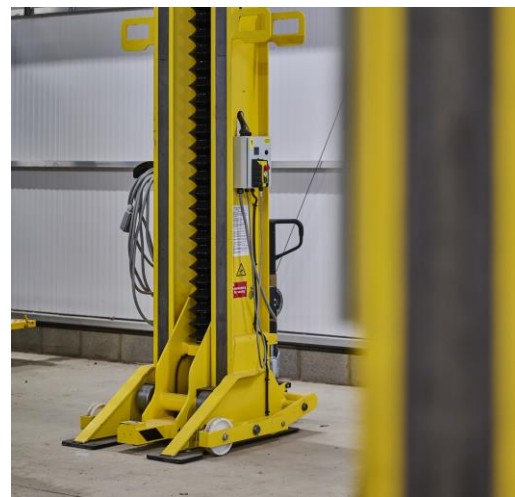
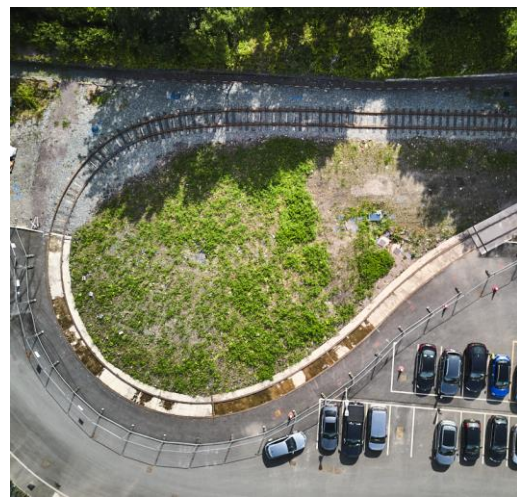




Rail Development & Test Site (RDTS) comprises the ground floor Engineering Hall, together with the rail test track
License exemption from ORR

Offers an extensive range of facilities to support the development and testing of future rail technologies, including some unique to LR & VLR









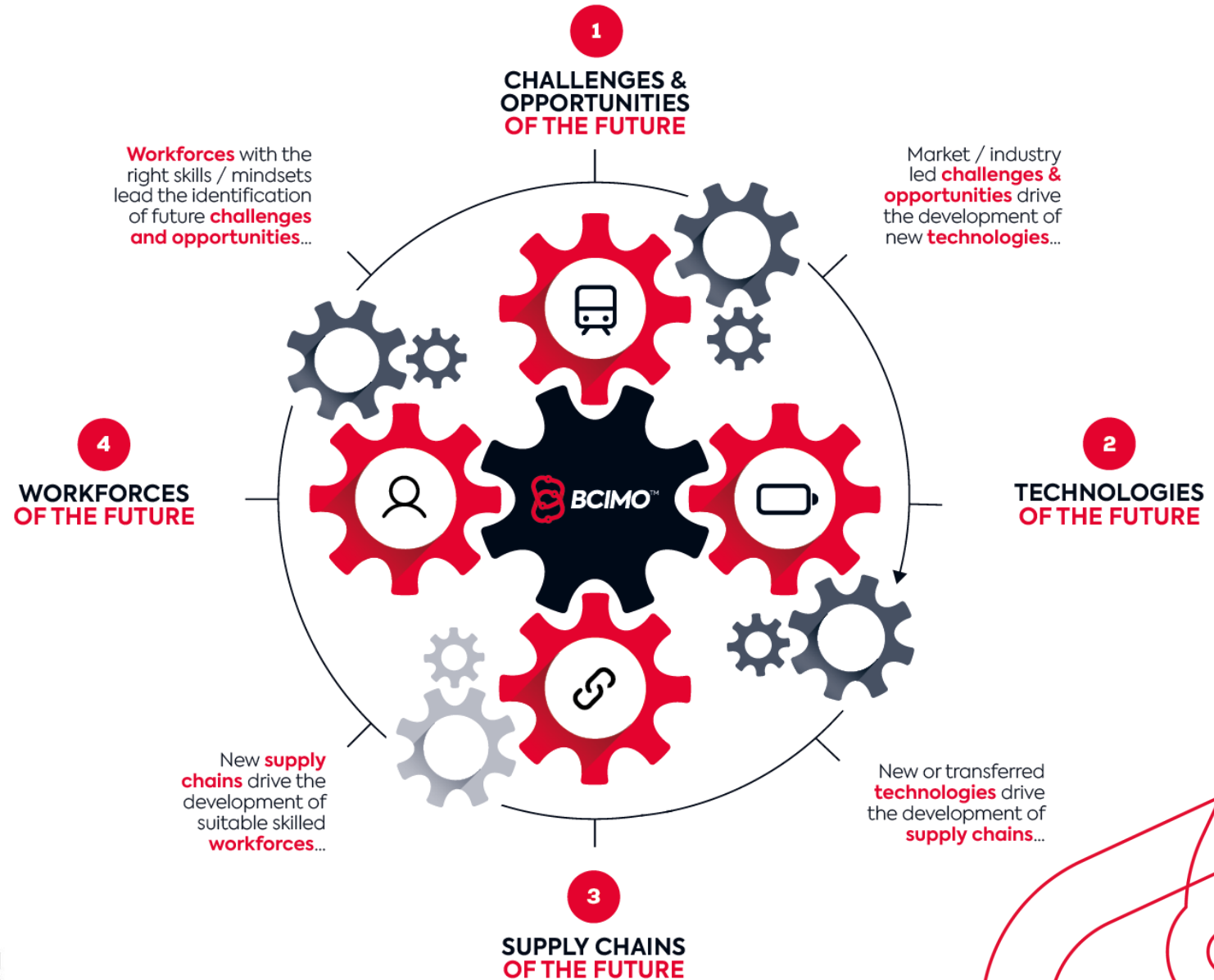
Meeting and Event Spaces are based on Level 2 of the VLRNIC

Venue offers a choice of 6 modern, hi-tech and flexible spaces, making it an ideal choice for meetings, training sessions, conferences / exhibitions and a range of other events or functions



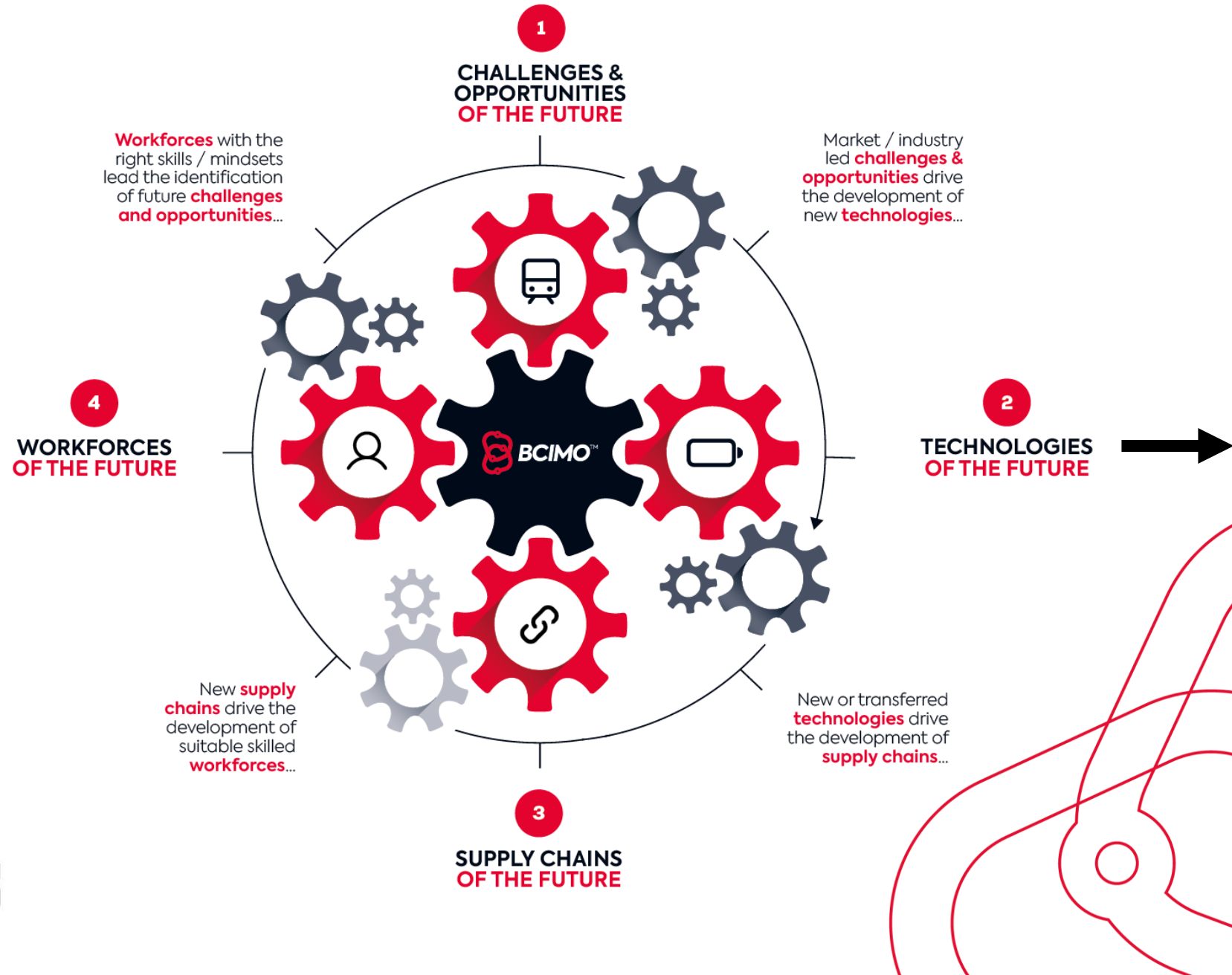
COG MODEL OF INNOVATION

- Blueprint for innovation
- Holistic approach
 - Looks at interconnectivity of key components that comprise system
 - Represented in a cog model – parts must turn together for **new, emerging** and **existing** industries to flourish
 - Is scalable - can apply to any industry, and innovations at the **system** or **component** level



COG MODEL OF INNOVATION

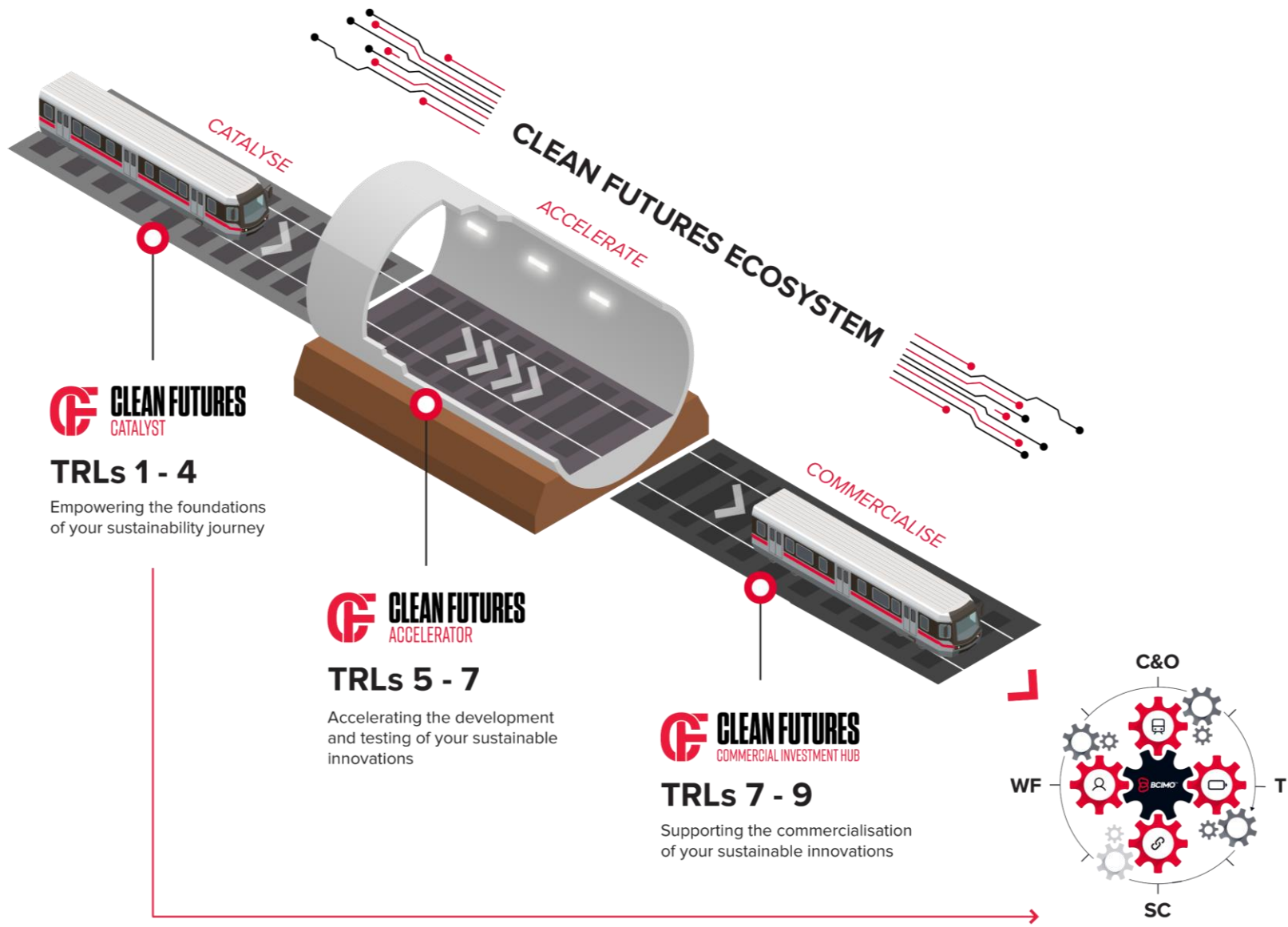
- Focus on Technologies of the Future...



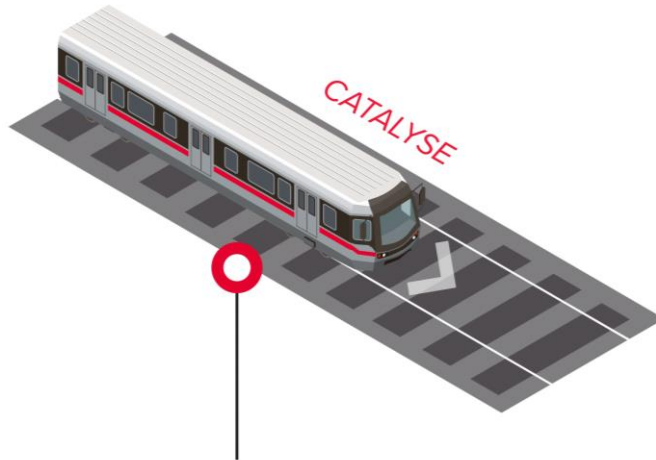
Supporting the West Midlands' transport sector to be at the heart of the green industrial revolution

TECHNOLOGIES OF THE FUTURE CLEAN FUTURES

- Clean Futures programme activities map against Technology Readiness Levels (TRLs)
 - Catalyst (1-4)
 - Accelerator (5-7)
 - Commercial Investment Hub (7-9)



CLEAN FUTURES PROGRAMME CATALYST



TRLs 1 - 4

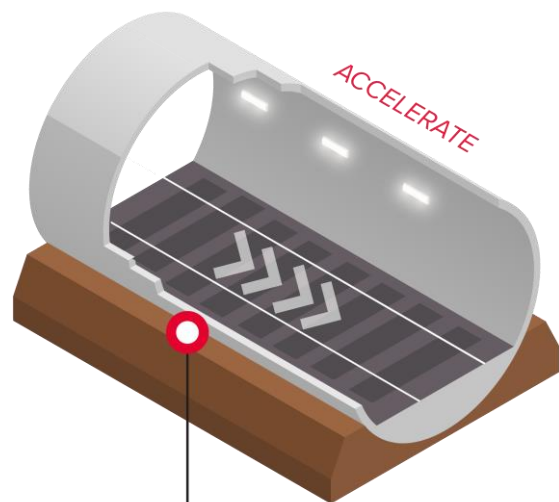
Empowering the foundations
of your sustainability journey

- Aim is to support the early research and development of clean tech innovations at **TRLs 1-4**, providing ongoing support throughout the programme and back into the cog model of innovation
- Innovators will benefit from:
 - Bi-monthly networking at BCIMO
 - Best practice industry visits
 - BCIMO & CU based workshops based on best practice themes
 - Online masterclasses to provide in-depth insights
 - BCIMO & CU based challenge support workshops to prepare potential applicants for Cohort 2 of the Accelerator

**Full events plan coming soon – register your interest to be notified - www.bcimo.co.uk/contact/contact-us*

Accelerating the development and testing of your sustainable innovations

CLEAN FUTURES PROGRAMME ACCELERATOR



TRLs 5 - 7

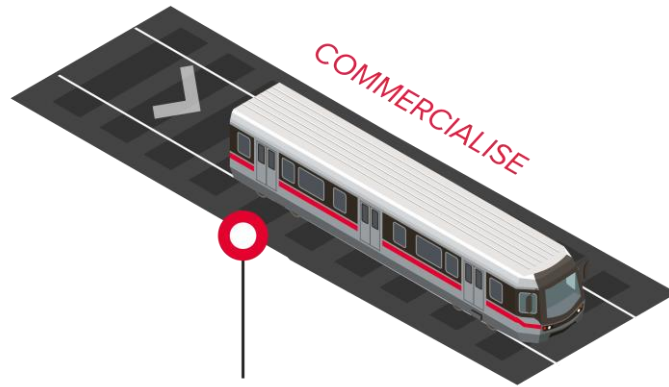
Accelerating the development
and testing of your sustainable
innovations

- Aim is to support and accelerate the development and testing of clean tech innovations at **TRLs 5-7**
- Innovators will benefit from:
 - Up to £50K in funding to develop and test their innovative solutions
 - Access to our **Rail Development & Test Site (RDTS)**, a dedicated Clean Futures collaboration area and private meeting room
 - An engineering support package
 - A commercial support package
 - A promotional media package
 - A range of networking and showcasing events, including end of year Demonstration Day

**Applications for Cohort 2 open soon – register your interest to be notified - www.bcimo.co.uk/contact/contact-us*



THE CLEAN FUTURES PROGRAMME – COMMERCIAL INVESTMENT HUB



TRLs 7 - 9

Supporting the commercialisation
of your sustainable innovations

- Aim is to support the demonstration and commercialisation of clean tech innovations at **TRLs 7-9**
- Innovators will benefit from:
 - A bespoke modular-based plan - developed following initial needs assessment
 - Specialised commercialisation support
 - Access to our [Rail Development & Test Site \(RDTS\)](#) and [Meeting and Event Spaces](#) for technology demonstration and showcasing events
 - Profiling on BCIMO's private commercial platform alongside Route to Market Partners, Stakeholders, and Investors

**Further details to be announced soon – register your interest to be notified - www.bcimo.co.uk/contact/contact-us*



THANK YOU



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