

The logo consists of three overlapping triangles: a purple one on the left, a light blue one in the middle, and a darker blue one on the right.

INNOVATION ALLIANCE

for the West Midlands

Pam Waddell, Director

The logo features a horizontal bar with five colored segments: pink, teal, orange, blue, and purple.

Black Country LEP

The logo consists of several overlapping rectangular blocks in various shades of green and teal.

Greater Birmingham
& Solihull
Local Enterprise Partnership



WHY?



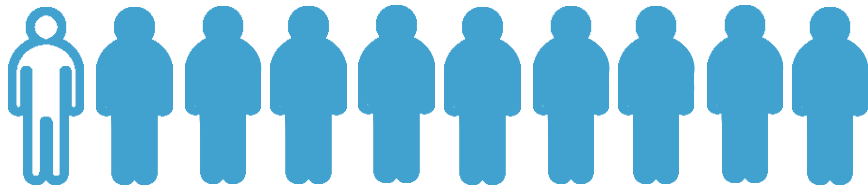
Innovation as driver of regional growth prominent in national and regional policy



WM Science and Innovation Audit (SIA) provides evidence and direction



Complements WMCA Innovation Board



Stakeholder demand

'Would you like to be involved in a new West Midlands Innovation Alliance?' "94% said 'Yes' (83 respondents)

WHAT?

An Alliance of organisations active or interested in science and technology based innovation across the West Midlands with the following objectives:

- Building and maintaining a thriving innovation ecosystem
- Stimulating and catalysing a pipeline of innovation activity

WHO?

Resourcing Partners

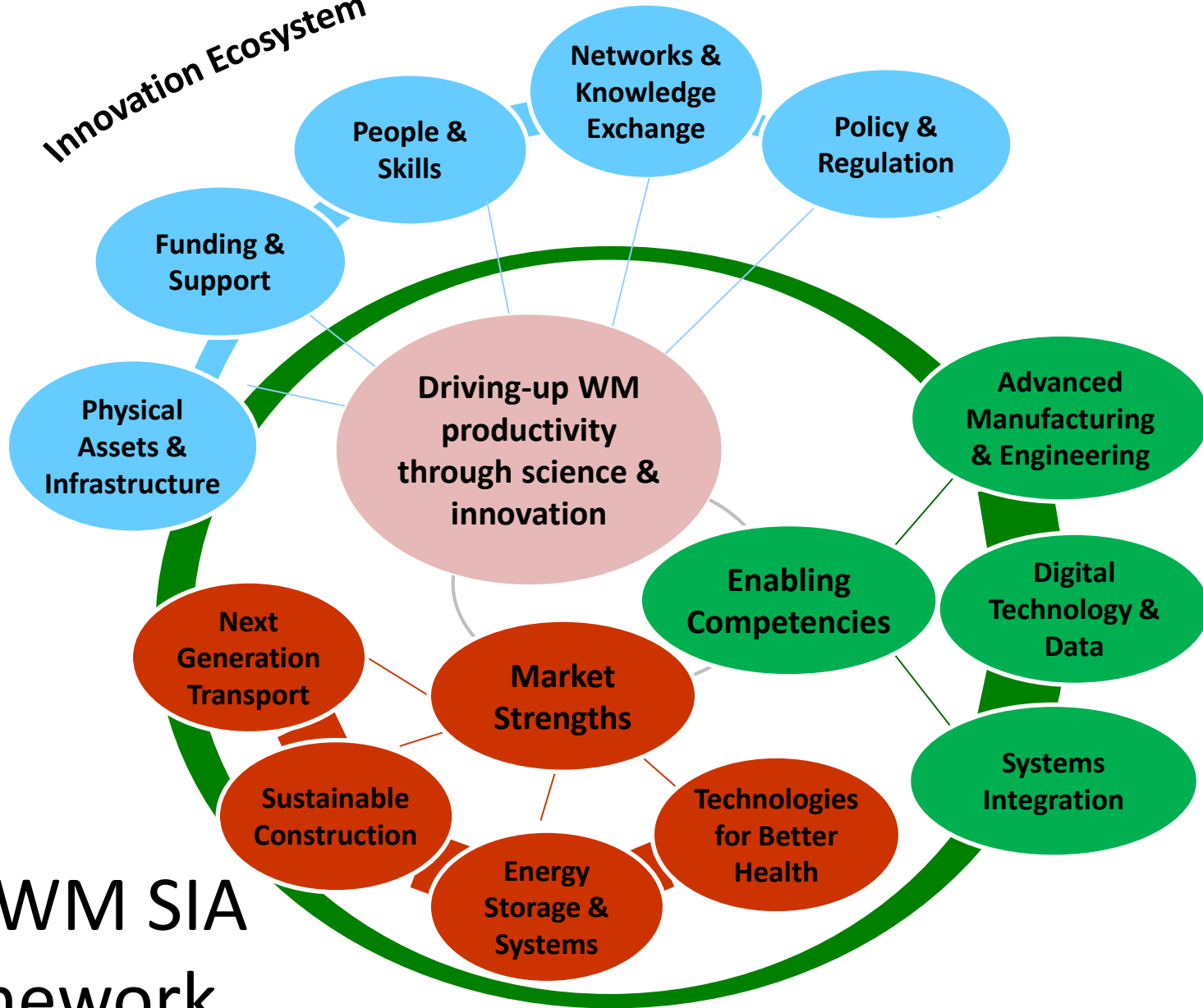


Your involvement...

- Thematic Working Groups
 - Innovative Health
 - Innovative Low Carbon
 - Smart City Alliance
- STEM Engagement Group
- Innovation Policy and Practice events
- Venturefest West Midlands
- Workshops/ Task and Finish Groups
 - Sustainable Construction
 - SME Innovation
- Consortium for the Demonstration of Intelligent Systems (CDIS)
- Shared resource and sponsorship

INNOVATION AND SUSTAINABLE CONSTRUCTION IN THE WEST MIDLANDS

Innovation Ecosystem



The WM SIA Framework

Components of Sustainable Construction Market Strength



- Significant construction industry across WM
- Commercial deployment of energy efficient, lower carbon building technologies (commercial, residential and infrastructure construction)
- Scale and quality of education, research and technology transfer:
 - Building information modelling (BIM) technologies
 - Off-site manufacture and modular construction
 - Building materials and technologies
 - Zero-carbon building and efficiency measures

Enabling Competencies

– across markets



- **Advanced Manufacturing and Engineering:** designing, validating, producing, and servicing new products and industrial processes
- **Digital Technologies and Data:** exploiting and understanding big data, analytics, simulation and modelling
- **Integrated Systems:** How increasingly complex systems can be better designed, managed and operated, to deliver improved performance and outcomes