International Collaborative Learning Opportunities

Indonesian Digital Twin Opportunity Programme

Anthony Walker
Strategic Manager, LCR 4.0 Projects

With a heritage that stretches back to 1823, LJMU is now one of the largest and well-established universities in the UK. Within our five faculties, our research is influencing policymakers, improving people's lives and finding solutions to the problems of the 21st century.
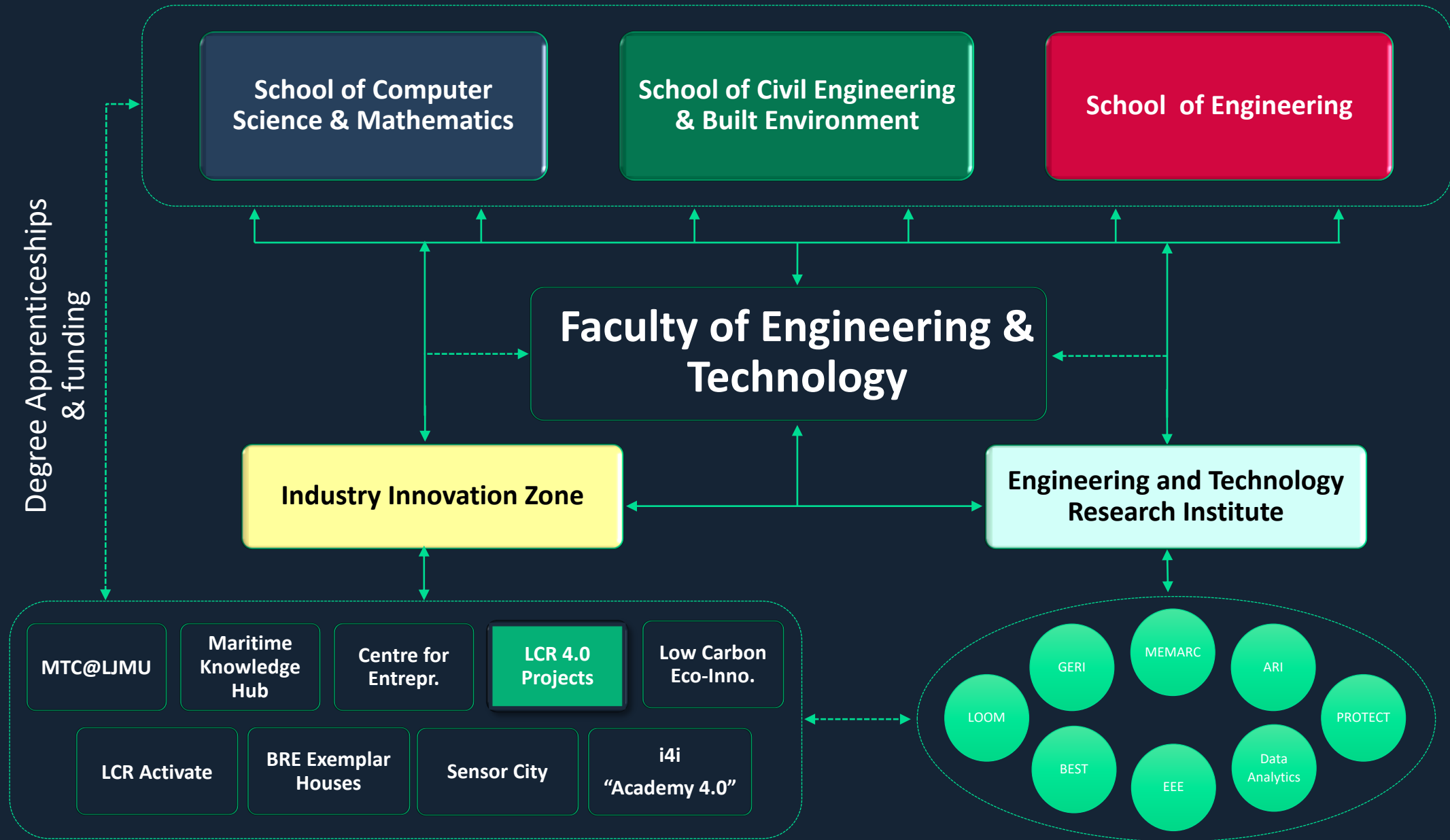

Our vision
To be recognised as a pioneering modern civic university delivering solutions to the challenges of the 21st century.

Our mission
- To serve our people and communities, at home and further afield
- To enrich the lives of those we work with
- To act as an anchor institution in the City of Liverpool

Portfolio of 250 undergraduate degrees and postgraduate taught programmes

25,000 students and 3,000 staff from over 100 countries worldwide
15th largest university in the UK

International collaborative opportunities

Staff Development
- Training/upskilling
- Global recruitment
- Staff mobility

Short term

Knowledge Transfer
- Industrial collaboration
- LCR 4.0 Projects
- Sensor City

Medium term

Education
- Enterprise education
- Degrees/undergraduate
- PhD/Research Programmes

Long term

LCR 4.0

- 1st of a kind 4IR adoption for SMEs in LCR
- Recognised by Financial Times as Top 100 global influencers in digital technology
- Made Smarter born from LCR 4.0

Legacy Projects

- LCR 4.0 START (£5mn)
- LCR 4.0 HOLISTIC (£7mn)
- C&W 4.0 (£6.5mn)
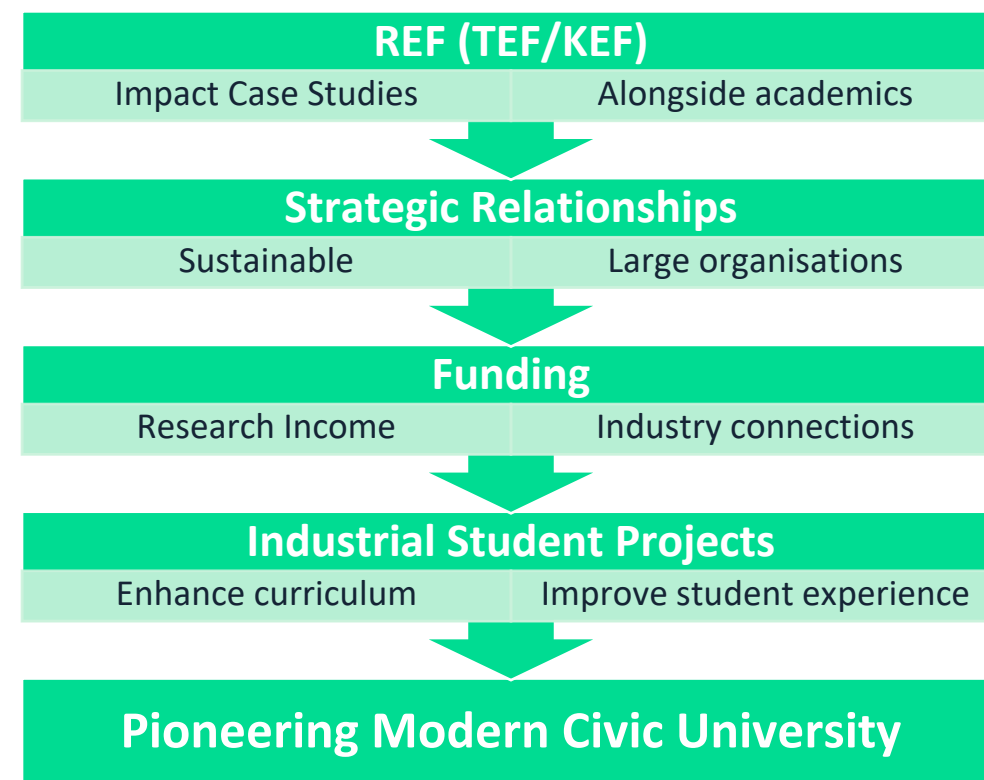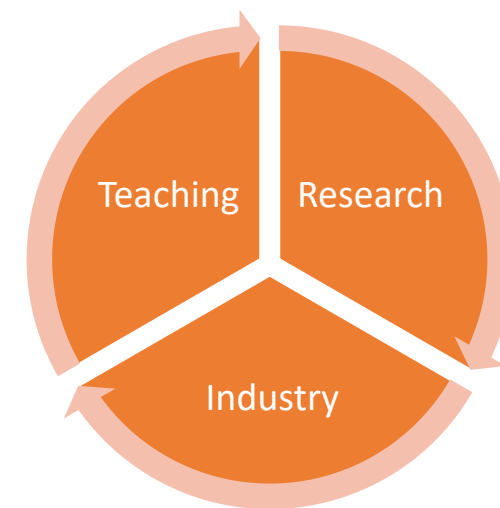
£27mn of projects

Industrial Impact

- £87.6mn GVA
- 1100 Jobs Created
- 150+ new products/processes developed
- LCR recognised as hub for digital technology
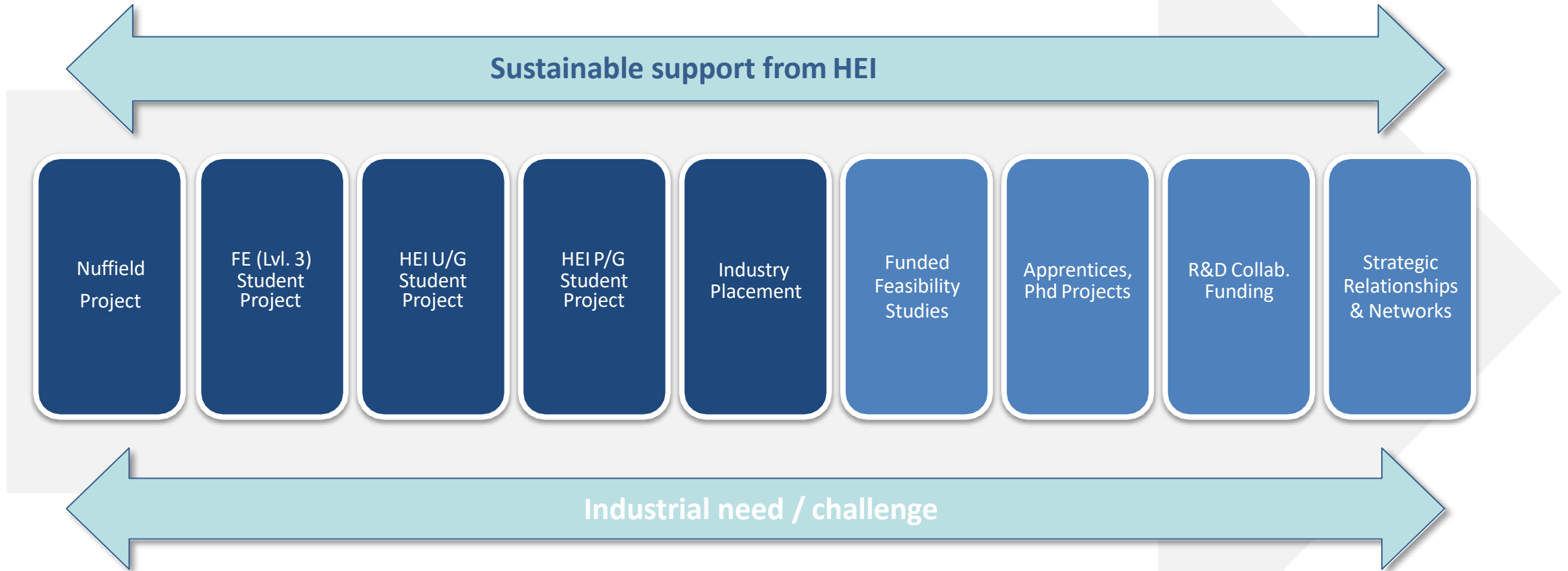
'Added Value' to LJMU

- £5mn+ R&D income supported
- 67 industrial based student projects
- 25 strategic relationships/projects
- Showcase of talent/expertise & reputation

VISION

Improve economic growth in LCR & CW **WHILST** supporting academic colleagues and students and proving to be a sustainable resource contributing to core LJMU values

Teaching — Research — Industry

REF (TEF/KEF)
Impact Case Studies | Alongside academics

↓

Strategic Relationships
Sustainable | Large organisations

↓

Funding
Research Income | Industry connections

↓

Industrial Student Projects
Enhance curriculum | Improve student experience

↓

Pioneering Modern Civic University

Mechanisms of support

Sustainable support from HEI

| Nuffield Project | FE (Lvl. 3) Student Project | HEI U/G Student Project | HEI P/G Student Project | Industry Placement | Funded Feasibility Studies | Apprentices, Phd Projects | R&D Collab. Funding | Strategic Relationships & Networks |

Industrial need / challenge

The concept could include industry identifying areas where they need support or have a challenge, and HEI have suite of support services from early stage feasibility projects to strategic relationship building.

Sensor City

Next Steps?

Connected Cities?

What should '<u>we</u>' do next?

What '<u>can</u>' we do next?

"It always seems **IM**POSSIBLE until its done."

Nelson Mandela