NMIS is located at the Advanced Manufacturing Innovation District Scotland.
One of the three Innovation Districts in the Glasgow City Region.
Near Glasgow Airport.

WE ARE
SUSTAINABLE STRATHCLYDE

www.strath.ac.uk/sustainablestrathclyde
www.facebook.com/sustainablestrathclyde
twitter.com/Strath_Eco

The National Manufacturing Institute Scotland

University of Strathclyde Glasgow

The University's first energy carbon neutral (in operation) development

Speakers:

Dr Roddy Yarr – Executive Lead Sustainability, University of Strathclyde

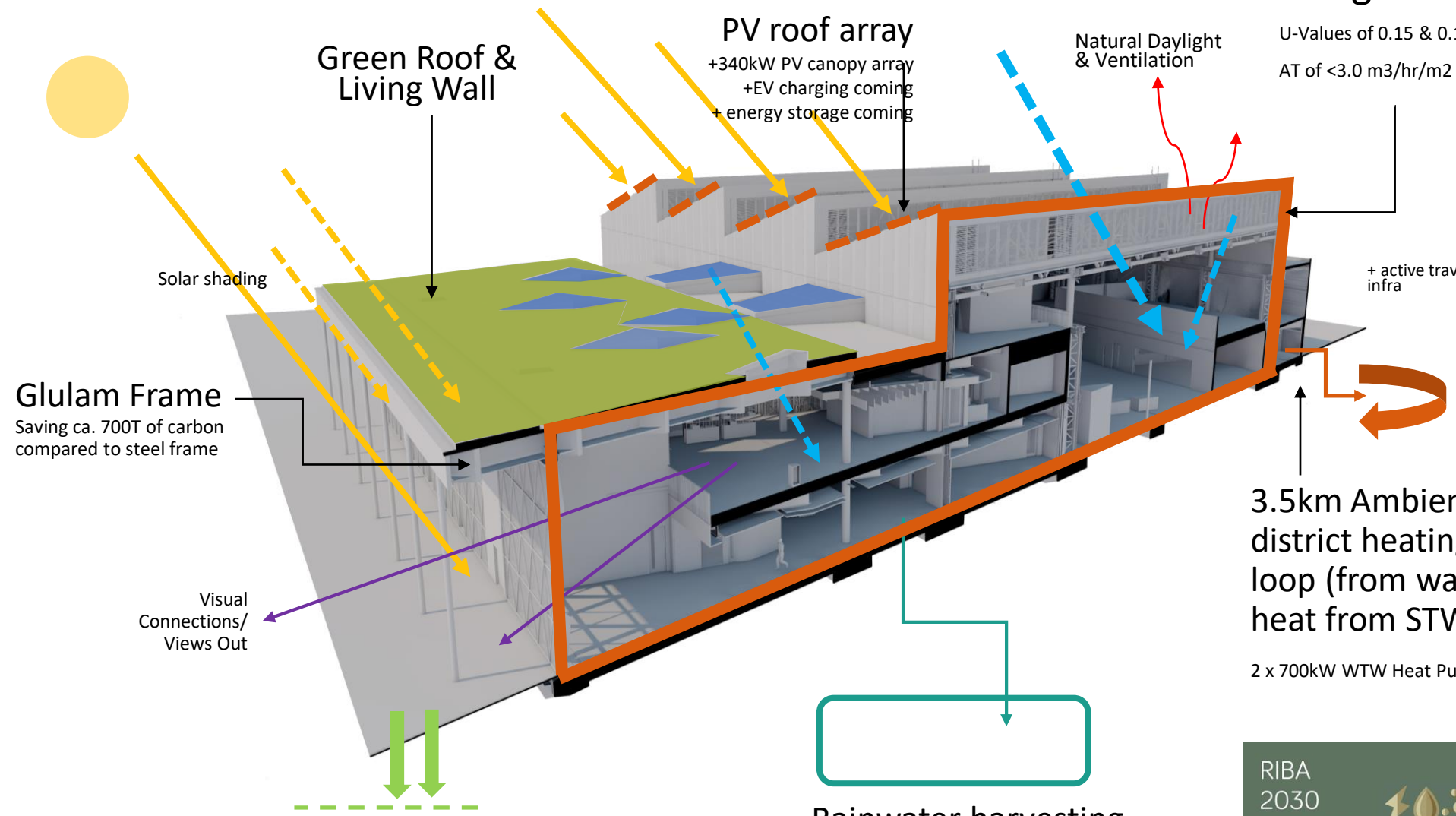
Ross Barrett – Design Director, HLM Architects

HLM Architects

Carbon and sustainability highlights

- EPC A+ rated, BREEAM Outstanding (design)
- Net Zero (Regulated) Energy
- Heat supply agreement in partnership with Renfrewshire Council,LCITP (now the Heat Network Fund), Scottish Water
- NMIS anchor heat load (and MMIC) enabled large scale investment in a 3.5km Ambient District Heating loop – using waste heat from STW, a circular system
- Funding of University sustainability elements assisted by SFC and Salix Finance

Carbon and sustainability elements

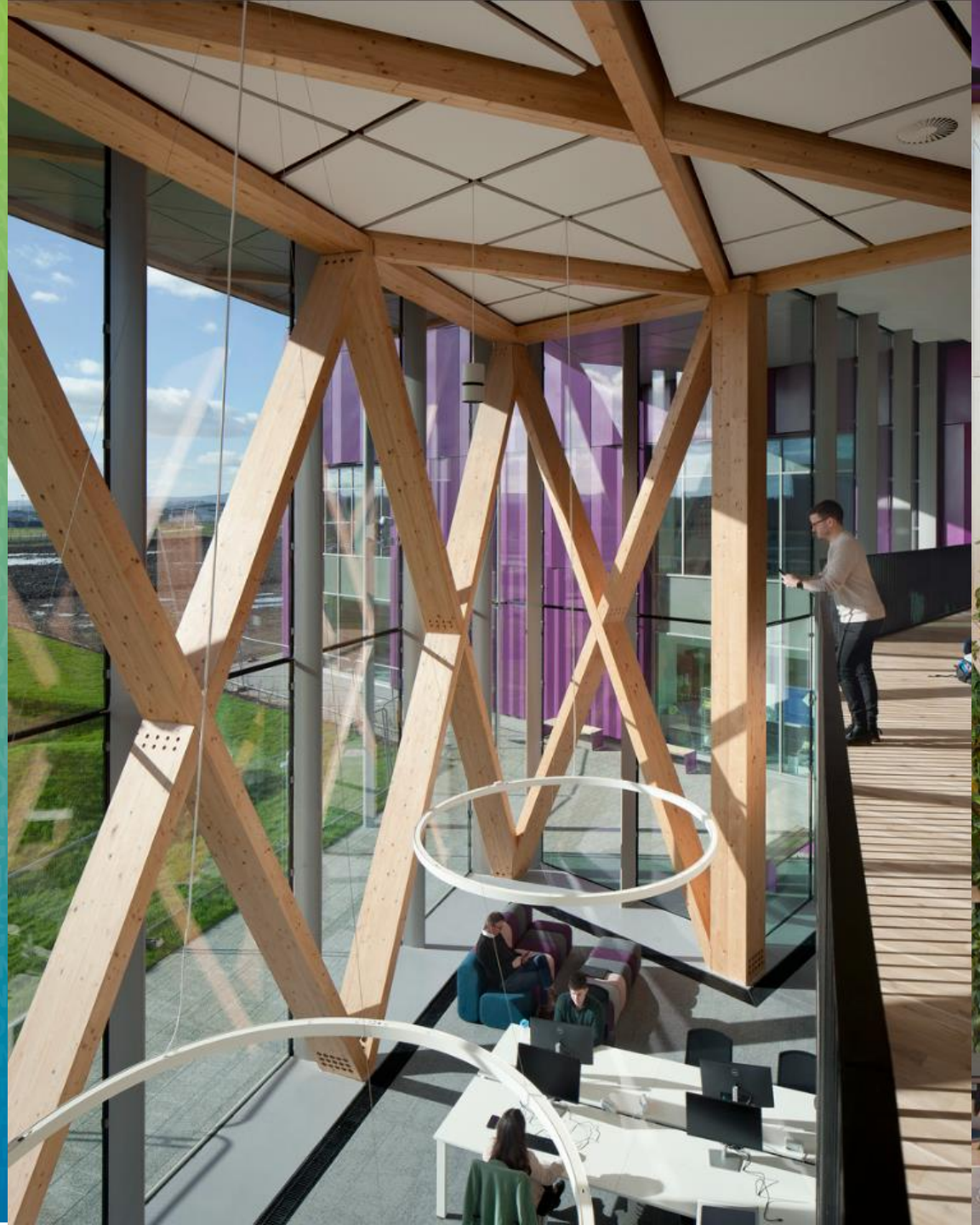


RIBA 2030 CLIMATE CHALLENGE

WE ARE **SUSTAINABLE STRATHCLYDE**

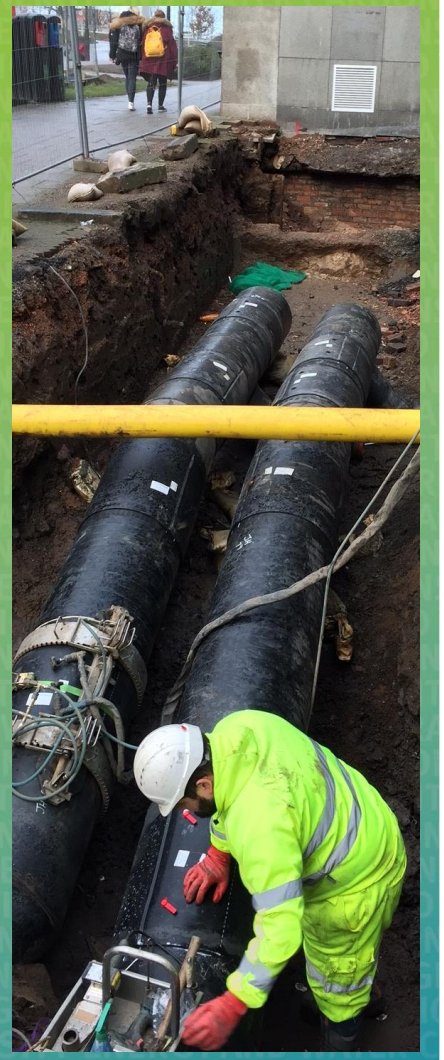
www.strath.ac.uk/sustainablestrathclyde
www.facebook.com/sustainablestrathclyde
twitter.com/Strath_Eco

Internal health and well being for users: natural material use; natural light; good ventilation; living wall, internal trees



WE ARE
SUSTAINABLE STRATHCLYDE

www.strath.ac.uk/sustainablestrathclyde
www.facebook.com/sustainablestrathclyde
twitter.com/Strath_Eco



WE ARE
SUSTAINABLE STRATHCLYDE

www.strath.ac.uk/sustainablestrathclyde
www.facebook.com/sustainablestrathclyde
twitter.com/Strath_Eco

Takeaways…

- Public sector institutions (like Universities) need to innovate, plan, and accept some risk in order to enable ‘at scale’ carbon and climate neutral delivery. It can be done!
- Tackling climate change mitigation at scale using waste heat and clean tech is a huge opportunity for Scotland
- Working with others to achieve scale and ambition can bring forward large scale climate infrastructure

HLM Architects

www.hlmarchitects.com

University of Strathclyde Glasgow

WE ARE
SUSTAINABLE STRATHCLYDE

www.strath.ac.uk/sustainablestrathclyde
www.facebook.com/sustainablestrathclyde
twitter.com/Strath_Eco

Waterman MGAC Davie + McCulloch Turner & Townsend Morrison Construction