

We are pleased to launch



The ZERO Institute

Zero-carbon Energy Research Oxford

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The ZERO Institute: Zero-carbon Energy Research Oxford



New inter-departmental **energy systems research institute**:

- Funded by the university's Strategic Research Fund
- 5 years' support; £3.2 million from 1st January 2022
- Supported by departments of Engineering, Materials, and Geography & Environment
- Focus on systems priorities for zero carbon energy
- The university's initial research input to the proposed Energy System Accelerator (TESA) development in Osney

The ZERO Institute: Aims



- Establish Oxford as a centre for thought leadership on zero carbon energy systems
- Fill gaps in research on systems issues critical to the zero-carbon transition
- Provide leadership in stakeholder engagement, networking and development for the community of energy researchers in Oxford
- Bring together existing research based in departments, to address interactions and systems issues
- Provide an externally visible 'brand' and point of contact for energy research at Oxford, building on the Oxford Energy Network.

The ZERO Institute: Vision and Mission



To provide:

insights, tools and techniques that will accelerate the transition to a just, zero-carbon energy system

To develop:

The staff, resources and organization to deliver at the scale required.

The ZERO Institute: Underlying principles



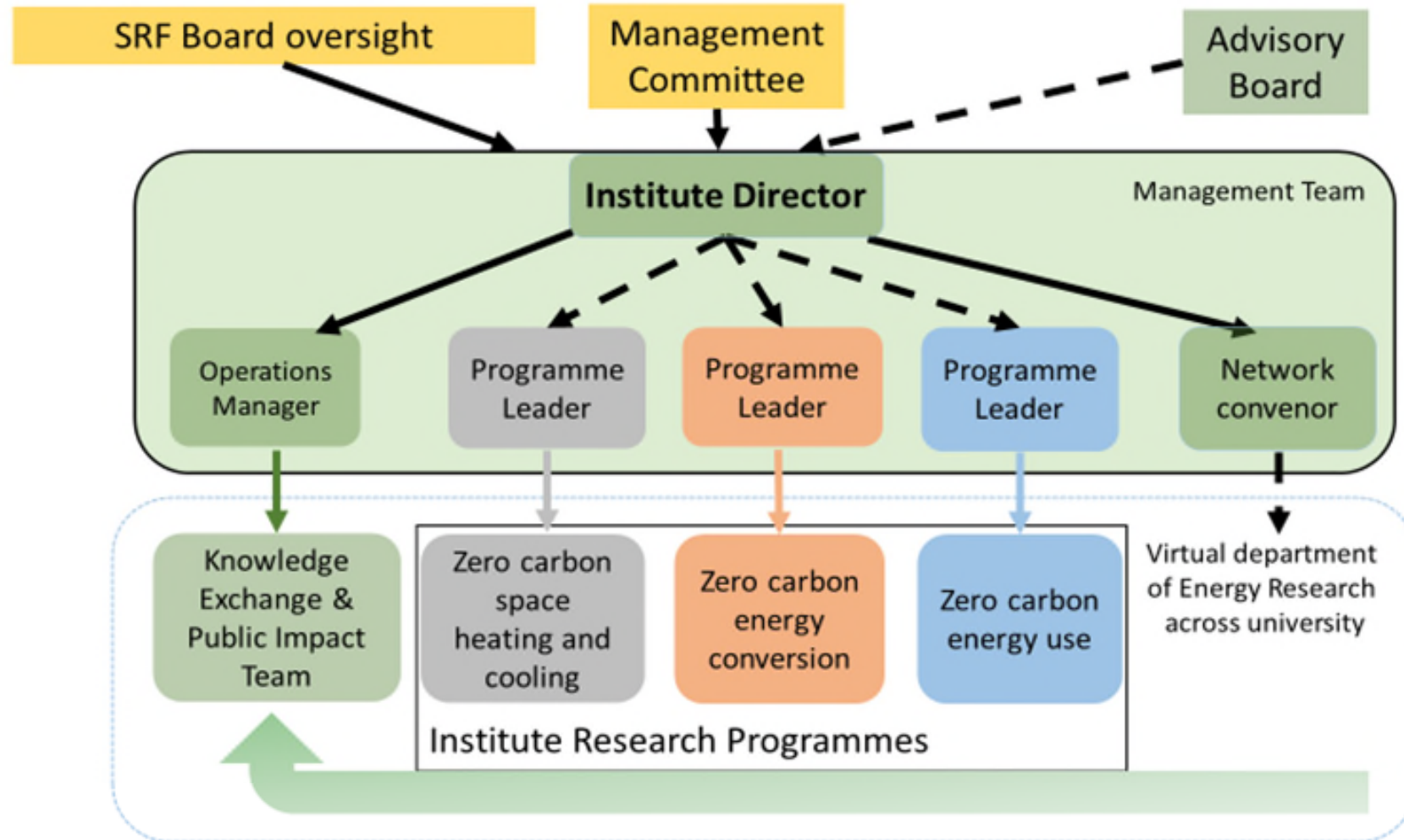
The goal is zero carbon energy, i.e. energy systems without fossil fuels

Achieving this requires systems thinking

Development and adoption of new technologies will be critical

Innovation will be required in business models, institutions, policy and society

The ZERO Institute: Organisation Structure



The ZERO Institute: Proposed activities



Sharing strengths

Websites

Newsletters

Social Media

Social networks

Academic
seminars

Engagement
seminars

Webinars

SIGs

Breakfasts /
dinners

Skills development

MSc

Lectures

Projects

DPhil
sponsorships

Exec
education

Recruitment
activities

Problem solving

Bespoke
workshops

Sprints

Joint
funding

Research
projects

Consultancy

Impact

Innovation
projects

Policy
influence

Spin out

Corporate
engagement

Philanthropic
engagement

The ZERO Institute: Next steps



Recruitment is beginning. First, an open advert for a permanent Director
Establish links and working arrangements with key activities in the university: sustainability strategy, Oxford Net Zero, major energy research programmes

Plan and deliver some quick wins in problem-solving and impact

Please talk to us if you want to be involved

www.zero.ox.ac.uk

Contact gemma.watson@eng.ox.ac.uk