

Challenges and Opportunities New Strategy

Dr Paul Miller (Trustee/ex-Secretary)

Challenges

- Using funds effectively to make a 'value for money' contribution to UK agricultural engineering.
- Investing in the right people and projects.
- Identifying (and initiating) suitable projects.
- Monitoring progress ensuring and encouraging delivery.
 Via Trustee mentors.
- Enabling and encouraging collaboration.
- Improving the coordination of research.







"Working to make a difference for UK agricultural engineering"

Involves:

- Selecting the best applicants and proposals. (Application critical!)
- Monitoring performance/progress to ensure delivery.
- Ensuring that, where possible, the best outcomes are carried through to practical application.
- Influencing and stimulating the aspirations of those we work with.
- Taking account of changing scenarios.



Plans for the future

- ➤ Move from a mainly responsive mode to include an element of initiation and steering.
- ➤ Recognise that the agricultural engineering scene is very different from when The Trust was established.
- ➤ Make full use of the expertise within The Board of Trustees with responsibilities!
- Consult and interact with others.
- ➤ Define a strategy using input from 'horizon-scanning work at Cranfield University.
- ➤ Maintain (and increase) the resources and funding to support the work of The Trust.



New Strategy

Based on Horizon Scanning (by Cranfield MSc Group Projects)





Three-year Strategy 2023-2026



VISION

"To make a difference for UK agricultural engineering for the sustainable benefit of environment and society."

OBJECTIVE

"To provide resources to help advance the application of engineering and technology to achieve sustainable agricultural, food, and biological systems for the benefit of the environment and mankind." A framework for the next 3 years by fostering:

Skills
Technology
Education
Collaboration

Goals



Professional Development Engagement

Les

Quality

Impact

Objectives

Provide professional development opportunities

Promote collaborative resources

Encouraging interdisciplinary research

Support and Invest in priority areas

Activities

- IAgrE student support
- Community engagement

- Long-term partnerships
- Networks & Universities

- Interdisciplinary research
- Conferences & meetings
- Emerging Technologies
- " Commercial Potential" ideas

Key performance indicators

- Number of studentships & IAgrE memberships
- Type & Number of Knowledge Exchange activities
- Number of partners & collaborative projects

- Return on investment
- TRL & innovation
- Milestone monitoring
- Contribution to Science



Workshops





Priority Topics





Conclusions

Looking to the future, The Trust will:

- ➤ Support projects and people
 - > Lower emphasis on facilities and equipment
- ➤ Define a strategy for support and allocate 50% of funding spend to support this strategy
 - ➤ Identify key topics for support
- Continue to support travel, attendance at technical events and training
- ➤ Continue to support professional qualifications and the image of agricultural engineers in the UK.