Supporting Challenge-led and Mission-Oriented Research

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Horizon Europe Missions

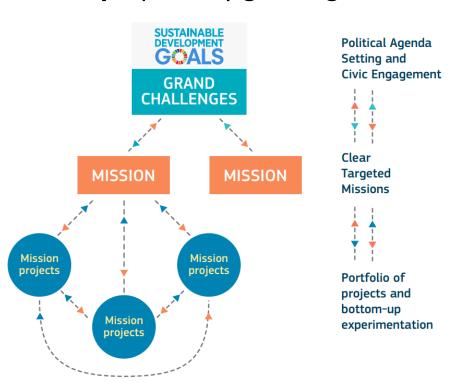
 Missions set clear and actionable objectives that can only be achieved by a portfolio of research and innovation projects and supportive measures.

Roughly 5% of overall budget initially – possibly growing to

around 10-15%

 Mission boards will provide oversight

- Strong SSH input expected
- Emphasis on citizen science





SUSTAINABLE GALS DEVELOPMENT GALS



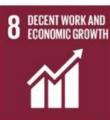




















AND PRODUCTION









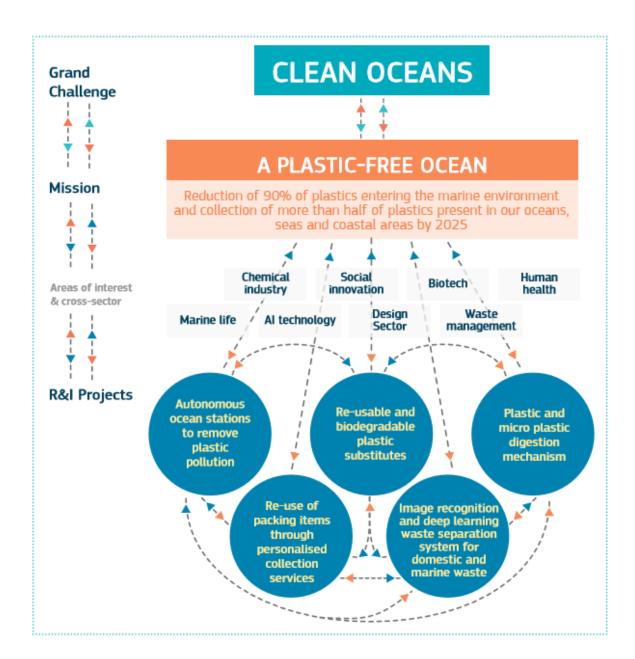




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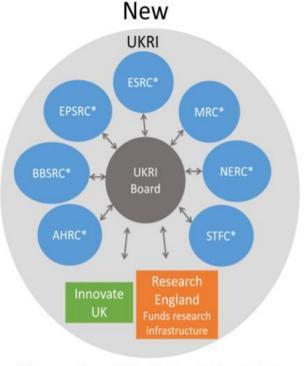


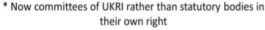


Challenge-led research in the UK

- Huge increase in financial support for challenge-led research
- National funding agency structure changing to accommodate this mode of research













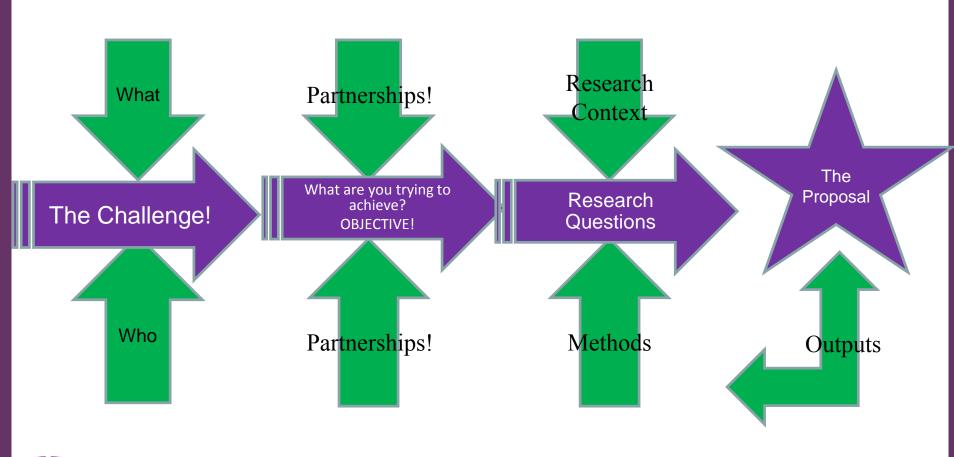


UK-based challenge-led research

- Global Challenges Research Fund:
 - Three 'Challenge Areas' (Equitable Access to Sustainable Development, Sustainable Economies & Societies, Human Rights, Good Governance & Social Justice)
 - Aligned with UN SDGs
 - Part of UK ODA commitment (evidence of impact in DAC-list nations)
 - Co-design, co-creation & stakeholder engagement are key
- Industrial Strategy Challenge Fund:
 - Four 'Grand Challenges' (AI, Clean Growth, Mobility, Ageing Society)
 - Industrial Strategy Challenge Funds
 - Strength-in-places fund
 - Post-ESIF development funds



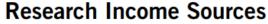
Challenge-led Research Lifecycle

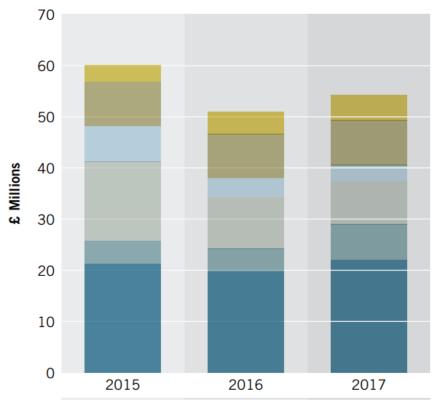




DU Research Activity and Income

- Research grants and contracts income £53m in 2017 (up from £51m in 2016)
- League table performance:
 - QS World Ranking: 78, Times
 Higher World Ranking: 114
 - 21 of Durham's 26 departments were ranked in the top 10 in the 2017 Guardian League Tables - 11 ranked in the top 5





Other

EU government bodies

UK industry

UK government bodies*

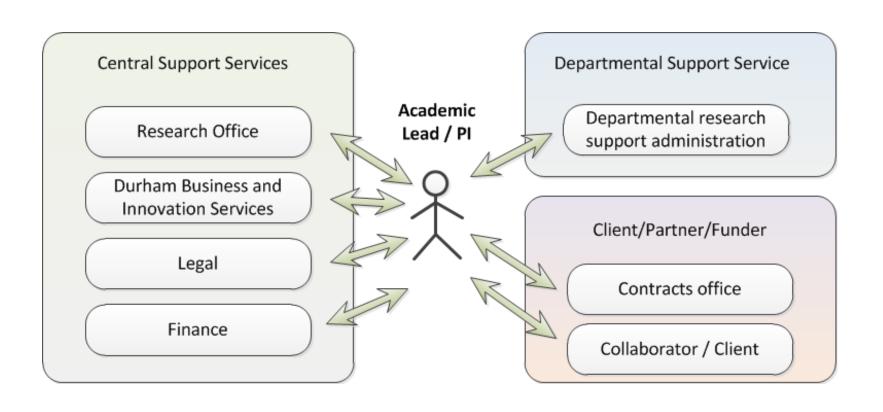
UK-based charities

UK Research Councils

* Includes Research Development Expenditure Credit in 2015 (£6.4m) and 2016 (0.4m)

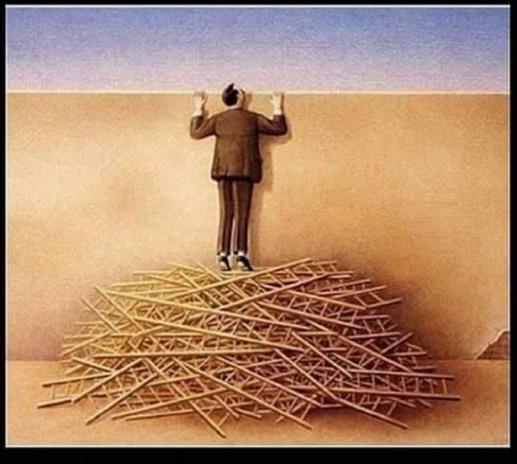


Research and Innovation Support





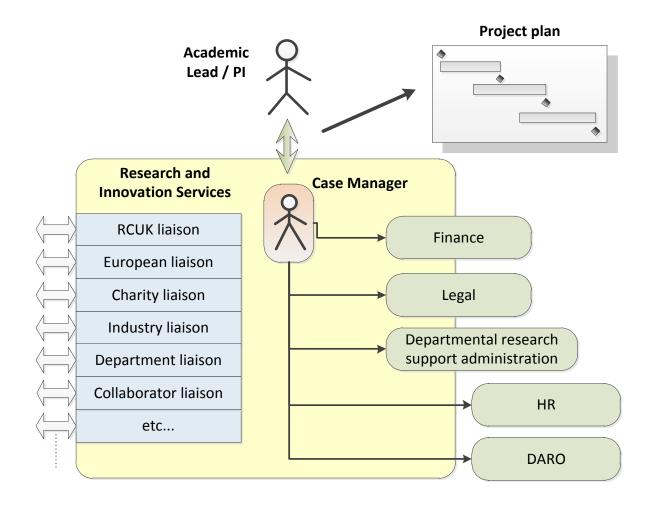
It doesn't matter how many resources you have.



If you don't know how to use them, it will never be enough.



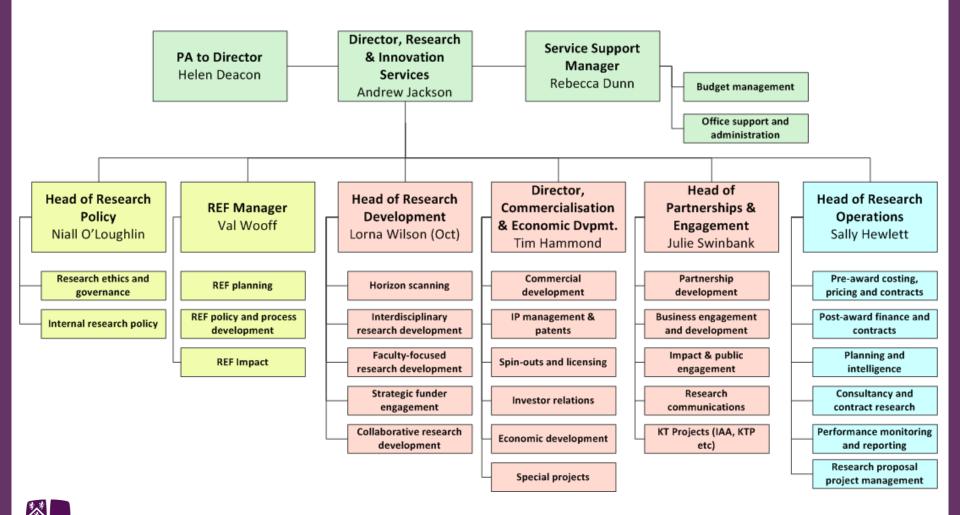
Research and Innovation Support Operating Model





Research and Innovation Support Structural Developments

Durham University



Supporting Challenge-Led Research Support & Stakeholder Ecosystem

Research Operations Philanthropic DARO donors Academic Research Researchers **Partners Partnerships** Research **Funders** Development Engaagement Innovation Commercial **Partners** Beneficiaries / Development end-users **Investors**



DU engagement with Industrial Strategy

Industrial Strategy

"Strength in places" fund (£115m)

Industrial Strategy Challenge Funds Post-ESIF development funds

Industrial Strategy Liaison Group



Research & Innovation Funding Board

Capital build programme

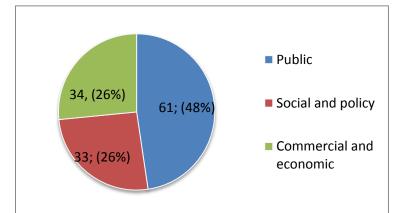
Durham University Research base KE Strategy (HEIF) (economic dev / place agenda)



Supporting Impact

- Dedicated central impact support team:
 - 1 FTE Cultural Heritage
 - 1 FTE Commercial & Economic
 - 2 FTE Policy

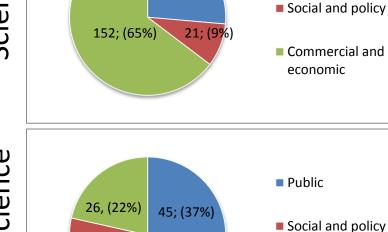
A&H



Public

Commercial and economic

Science



50; (41%)

62; (26%)



Social Science

Key reviewer/panel feedback

- Horizon scanning key, for both research AND policy landscapes
- Some challenges are truly intractable, so demonstrating how teams will succeed where others have failed is crucial
- Need a cohesive and ambitious narrative that balances excellence and action
- Non-academic partnerships are EVERYTHING!





Performance Indicators

