

From: [REDACTED]
To: [REDACTED]
Date: 07 June 2013 10:28:00
Attachments: [Chair PDF.pdf](#)

[REDACTED]
EPSRC Portfolio Manager Engineering
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To this end we are asking that the Engineering Prioritisation Meeting 25 June 2013 take these factors into account when assessing the relative strengths of the proposals they have been asked to consider. Applicants should have addressed this in making the case for the national importance of the proposal, and the reviewers' comments should have provided specific advice on this aspect to help you. However, we also believe that panel members should familiarise themselves with the strategic rationale for each of the research areas appropriate to the grants where they will help lead the discussion. We have identified below the research areas for any proposals you are scheduled to introduce. For each identified research area we have listed the number and value of current grants that have been associated with it. Clicking on the research area name will take you to the rationale statement for that area, as published on our web site (please note: a description of the research included in each area can be found above the rationale statement).

Another key element that needs to be taken into account in each case is how the proposed research relates to existing activity in the UK, and particularly to other research currently supported by EPSRC. It may well be that you can reach this judgement on the basis of the reviewer comments combined with your own background knowledge, but where this is not the case, or where you would like to refresh your knowledge of the existing EPSRC portfolio, you can find details of all currently funded grants for a particular research area by clicking on the GoW link for that research area. This takes you to the page on Grants on the Web for that area.

Absolute number of current grants	Equivalent value of current grants
100	100
90	80
80	60
70	40
60	20
50	0

[illegible]

[REDACTED]	[REDACTED]	[REDACTED]			
[REDACTED]			[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]			[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]			[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]			
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]			
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Scheme: First Grant Scheme

[illegible]

Finally, for completeness, the table below is provided to all panel members, who otherwise see only information about the subset of proposals they are to introduce, to provide them with an overview of all the research areas associated with proposals to be discussed at the meeting. This significantly duplicates the information already provided to you but also identifies the desired forward trajectory for each area in terms of grow, maintain, or reduce. These terms are explained more fully within the individual rationale statements.

ResearchArea	Number	Value	Status
Analytical Science	121	£45,161,592.27	Maintain
Bioenergy	31	£15,291,764.81	Maintain
Biomaterials and Tissue Engineering	72	£57,674,863.50	Maintain
Built Environment	72	£44,252,661.50	Maintain
Carbon Capture and Storage	46	£46,048,503.74	Maintain
Clinical Technologies (excluding imaging)	77	£44,648,806.79	Maintain
Coastal and Waterway Engineering	32	£13,011,957.65	Maintain
Computational & Theoretical Chemistry	120	£24,229,751.61	Maintain
Continuum Mechanics	62	£9,032,432.37	Maintain
Control engineering	43	£19,741,247.50	Maintain
Conventional generation & Combustion	68	£18,409,941.76	Reduce
Energy Efficiency (End use Energy Demand)	117	£83,737,108.95	Grow
Energy Networks	67	£56,693,888.66	Maintain
Energy Storage	23	£18,904,252.49	Grow
Fluid Dynamics and Aerodynamics	115	£33,346,570.87	Maintain
Fuel Cell Technology	38	£24,824,827.20	Maintain
Ground Engineering	55	£18,263,749.30	Maintain
Hydrogen and alternative energy vectors	13	£12,349,893.99	Reduce
Image and Vision Computing	60	£21,003,826.76	Maintain
Information Systems	124	£61,409,642.32	Maintain
Manufacturing Technologies	80	£72,234,911.48	Maintain
Marine Wave and Tidal	23	£19,170,052.65	Maintain
Materials Engineering - Composites	59	£38,790,443.94	Maintain
Materials Engineering - Metals & Alloys	67	£49,645,371.21	Maintain
Materials For Energy Applications	111	£41,217,564.07	Maintain
Medical Imaging (inc medical image and vision computing)	99	£54,546,071.19	Maintain
Nuclear Fission	72	£45,256,858.74	Maintain

Performance and Inspection of Mechanical Structures and Systems	116	£47,019,208.93	Maintain
Polymer Materials	97	£34,968,309.01	Maintain
Process Systems: Components and Integration	89	£66,541,175.92	Maintain
Resource Efficiency	27	£14,265,683.84	Maintain
Robotics	29	£10,303,221.62	Maintain
Sensors and Instrumentation	72	£22,573,843.61	Maintain
Structural Engineering	55	£21,790,740.14	Maintain
Sustainable Land Management	34	£27,656,248.75	Reduce
Synthetic Coordination Chemistry	51	£19,220,755.36	Maintain
Transportation operations and management	42	£21,061,092.91	Reduce
Water Engineering	32	£20,342,567.75	Grow
Wind Power	9	£14,389,881.34	Maintain