BBSRC SCORECARD, 2013-14

Relevant to cross-Council activities (Research themes, impact, efficiency savings)

DP reference		2013-14 Deliverables and Milestones	Progress	RAG
A: BBSRC sustaining world class bioscience in the UK - maintaining excellence in bioscience				
A1	Continue to fund highest quality, fundamental bioscience (Pervasive)	• Retain UK's world-leading position in bioscience, demonstrated through evaluations evidence		
A2	Drive new ways of working, especially data-intensive/rich, multidisciplinary bioscience (2.1.2)	• ELIXIR: Continue good progress leading LFCF projects: ➢ Successfully deliver Technical Hub build (Q3) ➢ Make successful progress on Data Centre Project Achieve co-ordinated targeting of funding from main UK funders (BBSRC, MRC, NERC, WT)		
		• Demonstrate continuing success of strategic Lolas programme		
A3	Ensure UK has necessary tools and resources for cutting edge bioscience, including capability in synthetic biology (2.1.2)	• Successfully implement new large-scale strategic investments • Deliver Synthetic Biology for Growth cross-Council Programme • Develop UK research community skills for synthetic biology through joint working group		
A4	Maintain internationally competitive research institutes (2.2.3; 2.2.4)	• Provide evidence of good progress from post-Institute Assessment Exercise (IAE) funding streams		
		• Embed new governance arrangements and support institute sustainability		
A5	Ensure the next generation of bioscience researchers are properly trained and skilled (2.2.5)	• Continue to implement Doctoral Training Partnership (DTP) programme and develop plans for launch of second competition in June 2014 • Launch Industrial CASE Partnership (ICP) competition		
DP reference		**2013-14 Deliverables and Milestones**	**Progress**	**RAG**

B: Food security: deliver bioscience to help meet the global food security challenge - Grand Challenge 1				
B1	Contribute to improved coordination of UK research to support food security challenges (2.1.1 (1);2.3.1)	• Through BBSRC's leadership of the GFS programme: ➢ Refine priorities through a 100Qs exercise and refreshed GFS strategic plan ➢ Make progress in developing coordinated activities on soils and agri-ecosystems, engineering for agriculture, food waste and food choice ➢ Publish first GFS practice and policy notes		
		• Explore and develop application of synthetic biology methods to global food security challenges		
B2	Increase leverage from other national and international funders (2.1.1 (1); 2.3.1)	• Award Nitrogen Ideas Lab grants and hold start-up workshop		
		• Seek strategic international partnerships with funding agencies overseas, including in wheat, nitrogen and animal health, and ensure appropriate joint working with DfID and China		
		• Fund high-quality applications through the Animal Health Research and Technology Club • Launch joint (with NERC) Research and Technology Club on sustainable food production • Launch first Diet and Research Industry Club second phase (DRINC2) call • Develop joint calls on fundamental nutrition and consumer behaviour		
B3	Position UK as a global leader in wheat pre-breeding (2.1.1 (1); 2.3.1)	• Demonstrate achievements from long-term investments in wheat research • Demonstrate early achievements from strategic investments at JIC and Rothamsted		
B4	Help contribute to reduction of greenhouse gas emission from agriculture by supporting relevant research (2.1.1 (1))	• Launch soil and rhizosphere interactions for sustainable agri-ecosystems initiative under GFS, with NERC co-funding		
		• Demonstrate early achievements from strategic investments at Rothamsted and IBERS		
DP reference		**2013-14 Deliverables and Milestones**	**Progress**	**RAG**

B5	Underpin productivity and sustainability of livestock sector, while increasing UK resilience to livestock disease (2.1.1 (1); 2.3.1)	• Demonstrate early achievements from strategic investments at IAH and Roslin		
		• Facilitate development of partnerships with key national and international funders to deliver high-quality research addressing animal health and welfare • Facilitate development and maintenance of international networks in animal health		
		• Produce evidence of impact in protecting livestock nationally and internationally, including initiating development of co-ordinated programme in veterinary vaccinology		
C: Bioenergy and industrial biotechnology: delivering bioscience to help UK become a low carbon economy – Grand Challenge 2				
C1	Join up UK research on sustainable bioenergy, leading RCUK theme (2.1.1(2); 2.3.1)	• Continue successfully to lead bioenergy element of Energy theme, including development of bioenergy strategy and delivery of bioenergy conference 2014		
		• Explore and develop application of synthetic biology methods to bioenergy and industrial biotechnology		
C2	Increase investment in basic bioscience research to underpin future bioenergy applications and businesses (2.1.1(2); 2.3.1)	• Demonstrate early achievements from strategic investments at Rothamsted and IBERS		
		• Identify early achievements from BBSRC investments in other major research programmes		
C3	Engage with innovation in UK high-value chemicals industry, exploiting microbes and plants (2.1.1(2))	• Deliver academic-led community networks and supply chains for high value chemicals (with KTNs and TSB)		
		• Develop proposals for new partnerships with industry to support research underpinning manufacture of high value chemicals		

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D: Driving advances in fundamental bioscience underpinning health and quality of life – Grand Challenge 3				
D1	Support leading research on the basic molecular and cellular mechanisms relevant to ageing and how these are modulated by diet, exercise and developmental factors (2.1.1(3))	• Deliver BBSRC contributions to final phase of cross-Council LLHW theme ➢ Support proposals from LLHW Promoting Physical Activity in Older Age call ➢ Progress LLHW Centre renewal process		
		• Demonstrate early achievements from strategic investments at BI and IFR		
		• Identify evidence of achievements from Edinburgh, Nottingham and Oxford Systems Biology Centres		
D2	Facilitate reduction in costs of development and manufacture of biopharmaceuticals and other biological therapeutic products by supporting relevant research (2.1.1(3))	• Continue support for academia-industry collaboration through on-going BRIC activities		
		• Ensure new funding opportunities are identified by key groups		
D3	Support the industrial application of synthetic biology-based platforms for the discovery and development of novel biological activities, products and processes (2.1.1(3))	• Co-fund IKC in synthetic biology (with EPSRC and TSB) and monitor progress		
E: Maximising the impact of our science and skilled people				
E1	Secure and demonstrate economic and wider benefit from past bioscience research (3.1)	• Increase awareness of BBSRC-associated spin-out companies and communicate impact of these companies to relevant stakeholders		
		• Develop and communicate case studies of impact from BBSRC institute research, building on updated reports from institutes		
E2	Partner with business in research and training to ensure user needs are addressed (3.2)	• Launch refined Industrial Case Partnership (ICP) competition • Continue successfully to deliver Flexible Interchange Programme (FLIP)		

DP reference		2013-14 Deliverables and Milestones	Progress	RAG
E3	Facilitate improved academic-industry links by helping researchers understand industrial challenges (3.2)	• Build on RCUK programme of demonstrating potential impact through impact statements		
		• Continue to hold appropriate pharma industry events to raise awareness of BBSRC research and communicate industry need		
E4	Drive knowledge exchange and translation from bioscience research (3.3; 3.6)	• Further drive KEC within the institutes through monitoring progress in delivering against published strategies		
		• Continue to develop culture change competitions to support research community's activities in KE and translation ➢ Launch sixth Innovator of the Year competition ➢ Build on success of inaugural Activating Impact competition ➢ Begin delivery of Excellence with Impact competition		
		• Deliver BBSRC contributions to Gateway to Research project, extending coverage of BBSRC research		
E5	Develop BBSRC's role within innovation system and framework to advance UK innovation infrastructure (2.2.4; 3.4; 3.6)	• Babraham: ➢ Complete new Campus Scientific Services Building (B580) (Mar 2014) ➢ Complete BSU extension (Mar 2014) ➢ Maintain total occupancy of (non-BI) campus buildings above 85% business plan target		
		• Norwich: ➢ Complete cross-campus IT connectivity upgrade (Dec 2013) ➢ Complete new Centrum building (Mar 2014) ➢ Achieve 90% occupancy of NRP Innovation Centre		

DP reference		2013-14 Deliverables and Milestones	Progress	RAG
E5 (cont)	Develop BBSRC's role within innovation system and framework to advance UK innovation infrastructure (2.2.4; 3.4; 3.6)	• Rothamsted: Progress delivery of campus vision through: ➢ Appointment of dedicated Campus Director ➢ Commencement of new Shared Resources Hub ➢ Commencement of new Communications and Conference Centre ➢ Creation of campus operating vehicle		
		• Aberystwyth/IBERS: Progress delivery of campus vision through: ➢ Appointment of dedicated Campus Director (by Aberystwyth University) ➢ Commencement of new "Breeding Hotel" (Gogerddan site) ➢ Development of Pwllpeiran Upland Research Centre ➢ Securing additional funding from other stakeholders		
E6	Build and sustain R&D skills and capabilities in strategically important or vulnerable areas (3.5; 3.6; 2.2.5)	• Effectively monitor Advanced Training Partnerships through annual reports • Use DTPs to develop fuller understanding of strategically important or vulnerable areas in bioscience, including engagement with Strategy Development Panels		
		• Develop skills in synthetic and computational biology through joint working group		

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F: Enhancing cross-Council and cross-governmental working and transforming delivery of BBSRC funding and research				
F1	Develop and work through UK partnerships with the research base and research users (2.2.2)	• Continue to develop partnerships with research base through strategic partnerships with HEIs and Institutes, and through Excellence with Impact competition		
		• Further develop effective RTCs and other collaborative mechanisms, including implementation of Horticulture and Potato Initiative (HAPI)		
F2	Increase TSB engagement in our strategic priorities (2.4.4)	• Identify high-quality proposals for funding through ERA-Net in Industrial Biotechnology (Q3)		
		• Develop effective mechanism for jointly funded BBSRC/TSB IB Catalyst to fund large collaborative grants which can be used for all priority areas		
F3	With NC3Rs and other funders address Govt pledge to reduce animal usage (2.4.1)	• Maintain relevant BBSRC investment, and work with NC3Rs to extend awareness of research outcomes		
		• Ensure recommendations from Bateson continue to be followed		
F4	Support bioscience research and infrastructure underpinning UK national security in e.g. food, water, energy and defence against infectious diseases (2.2.4)	• Pirbright rebuild: ensure DP1 remains on schedule and budget, and commence activity on DP2		
		• Identify and publish related case studies relevant to national security		

DP reference		2013-14 Deliverables and Milestones	Progress	RAG
F5	Sustain public confidence in research (2.3.2)	• Further develop public engagement plans for GFS • Deliver public dialogue on bioenergy programme • Build on assessment of institute activities to embed and further develop public engagement capacity • Continue to support researchers with science engagement and public communication training • Continue to implement corporate communication and public engagement strategy		
F6	Boost BBSRC engagement with science and research users in EU and worldwide to bring benefit to the UK research base. (2.3.2)	• Further build partnerships across UK Government and overseas for international strategic aims • Further influence development of EU Horizon 2020 to maximise benefit to UK bioscience research base and continue lead role in EU Joint Programming Initiative in agriculture, food security and climate change • Maintain effective working with RCUK overseas offices and BIS/FCO Science and Innovation Network delivering as required		
F7	Drive efficiencies, including demand management, and measure success (2.2.2; 4.2)	• Deliver BBSRC share of Wakeham efficiency savings to be generated by RCs		
		• Ensure demand management mechanisms remain robust		