

## APPENDIX A. Follow-on and related projects

[Blue indicates myGrid partner and myGrid technology](#)

Technical					
Title	Agency	Dates	Value	Description	Partners
myGrid: A platform for e-Biology	EPSRC	July05 June07	£400,000	<a href="#">myGrid Platform Award</a>	<a href="#">Manchester</a> , EBI, Newcastle, Southampton, Nottingham
OMII-UK Node	EPSRC	Jan06 Dec09	£1,944,847	<a href="#">SE &amp; Harden myGrid components</a>	<a href="#">Manchester</a> , Southampton, Edinburgh, EBI
PASOA.	EPSRC CSfeS	Mar04 Feb07	£480,000	Provenance and its use <a href="#">Provenance, workflows, arch.</a>	<a href="#">Southampton</a> + Rana & Walker (Cardiff)
DynamO	EPSRC CSfeS	Oct03 Sep06	£190,000	Semantic service discovery and composition <a href="#">Semantic service case study</a>	Horrocks, Sattler ( <a href="#">Manchester</a> ) + Liverpool
FAME-PERMIS	JISC	Jan05 Dec06	£161,621	Authorisation frameworks <a href="#">Security</a>	Zhang ( <a href="#">Manchester</a> ) + Chadwick (Kent)
OGSA-DAIT	DTI	Mar04 Feb06	£138,833 each site	Data Access and Integration <a href="#">Data + OGSA-DQP</a>	<a href="#">Manchester</a> , Newcastle, EPCC, NESC, IBM Hursley
GRIMOIRES	OMII MP	Nov04 Apr06	£118,109	<a href="#">Hardening the myGrid UDDI registry and adding security.</a>	<a href="#">Southampton</a> , <a href="#">Manchester</a> , GriPhyN, EGEE
Text Mining	EPSRC e-Science BP	Oct04 Sept05	£133,352	Linking <a href="#">text mining and workflows</a>	<a href="#">Sheffield</a> + Discovery Net
Rapid Prototyping of Usable Grid Middleware	EPSRC e-Science BP	Apr05 Sept06	£329,307	Lightweight service based middleware development	myGrid ( <a href="#">Manchester</a> ) + Integrative Biology + CombeChem+ RealityGrid
OntoGrid	EU FP6 STREP	Sep04 Sep07	€2,638,940	Semantic Grid <a href="#">Semantic services, provenance, workflow, Registry</a>	<a href="#">Manchester</a> , UPM Madrid, ISOCO Liverpool, Tech Uni. Crete, DEIMOS, Boyd, Y'all
Provenance	EU FP6 STREP	Sep04 Sep07	€3,100,000	Enabling and Supporting <a href="#">Provenance</a> in Grids	<a href="#">Southampton</a> , IBM UK, Cardiff, DLR, UPC Barcelona, SZTAKI Budapest
RSSGRID: Reasoning Services for the Semantic Grid	EU Marie Curie Fellowship	Mar05 Mar07	€140,000	Using the Grid for distributed knowledge management and reasoning. <a href="#">Semantic services</a>	<a href="#">Manchester</a>

SIMDAT	IST FP6 IP	Sept 04 Sept 07	€18M euro (all sites)	Grid techniques and architectures in a variety of industries and services, <a href="#">Workflow</a>	<a href="#">Southampton IT Innovation</a> , Lion Bioscience, InforSense, GSK + EPCC others
Polymnia	FP6 IST STREP	Sept 04 Sept 07	€3M euro (all sites)	Personalized leisure and entertainment in thematic parks or venues. <a href="#">Workflow</a>	<a href="#">Southampton IT Innovation</a> , ICCS/NTUA, Telefonica, HP and others
Qurator	EPSRC FCSfES	Apr04 Jul07	£359,448	Quality of Curated E-Science <a href="#">Provenance and workflow</a>	Embury ( <a href="#">Manchester</a> ) + Aberdeen, EGTDC, CEH Oxford
PrestoSpace	IST FP6 IP	Neg.	€3M (all sites)	Audiovisual preservation. <a href="#">Workflow</a>	<a href="#">IT Innovation (Southampton)</a> + INA (Institut National de l'Audiovisuel), BBC, RAI, ORF and over 30 others.
GOLD	EPSRC Pilot	Feb04 Feb07	£2,093,725	VOs in industrial chemical engineering . <a href="#">Data mgt.. Contrib. security</a>	<a href="#">Watson (Newcastle)</a> +Unisys, SOCSA, CPI, Codeworks, Britest, CFACT, Lancaster
BIG The Business Grid.	IST FP6 IP	Prop.	€6M+	Semantic Grid <a href="#">Semantic services, Registry</a>	University of Innsbruck-DERI , <a href="#">Manchester</a> + others
BREIN	IST FP6 IP	Prop.	€6M+	Semantic Grid <a href="#">Semantic Services, Registry</a>	Telefonica I+D, Spain , <a href="#">Manchester</a> + Others
Guided Construction of Executable Workflows from Scientific Processes with Robert	EPSRC e-Science Usability	Prop.	£200K+	Usability of workflows and workflow discovery. <a href="#">Workflows, Semantic services</a>	<a href="#">Manchester</a> + Imperial College (Discovery Net), GSK

<b>Collaborative</b>					
<b>Title</b>	<b>Agency</b>	<b>Dates</b>	<b>Value</b>	<b>Description</b>	<b>Partners</b>
BIRN node	EPSRC	Sept 05 Dec05	£44,130	BIRN node at Manchester <a href="#">Integrate myGrid stack</a>	<a href="#">Manchester</a> , NeSC and SDSC, USA
Link-Up	EPSRC sisters e-Science	Mar04 Sep05	£41,000	<a href="#">Scientific workflows, semantic discovery and semantic integration</a>	<a href="#">myGrid consortium</a> + GEON/SEEK.BIRN @ SDSC & UC Davis; SCEC @ ISI, USA
SOCA (Southampton Chicago Activity)	EPSRC sisters e-Science		£40,000	<a href="#">Registries, provenance, workflow</a> , negotiation and virtual organisation.	Southampton, Argonne National Laboratory and University of Chicago,
Overseas travel Scheme,	EPSRC	Mar04 Sep04	£13,000	<a href="#">Semantic Descriptions and Management Policies for Grid Services</a> , partner:	Moreau ( <a href="#">Southampton</a> ) Argonne National Lab, University of Chicago, Institute for Human & Machine Cognition., Florida

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Knowledge Web	EU FP6 NoE 507482	Jan0 4 Dec0 7	€275,80 1 Mancr	A network for the semantic web. <a href="#">myGrid semantic services case study</a> .	<a href="#">Manchester</a> , Karlsruhe, DERI, and many others
CoreGrid	EU FP6 NoE	Sep0 4 Sep0 7	€56,954 Mancr	<a href="#">Semantic Grid services, ontologies, knowledge technologies for Grids</a>	<a href="#">Manchester</a> + Over 40 partners
EMBRACE	IST FP6 NOE	Feb0 5 Feb1 0	€8.28M total	Integrate major databases and software tools in bioinformatics <a href="#">Taverna, workflows and DQP</a>	<a href="#">Manchester</a> , <a href="#">EBI</a> + Everyone

<b>Life Science Application</b>					
<b>Title</b>	<b>Agency</b>	<b>Dat es</b>	<b>Value</b>	<b>Description</b>	<b>Partners</b>
Manchester Centre for Integrative Systems Biology	BBSRC/ EPSRC	2005 2008	£6,300,0 00	Systems Biology Centre <a href="#">myGrid Platform + Taverna</a>	Doug Kell leads + <a href="#">Manchester</a> Life Scientists
MIASGrid	EPSRC	Jan0 2 Dec0 5	£400,00 0	Using <a href="#">myGrid workflows and metadata mgt, Taverna</a>	<a href="#">Manchester</a> + Taylor (Manchester) of the MIAS IRC
Virtual Drug Production Environment	NWDA		£140,00 0	<a href="#">Chemoinformatics Taverna workbench</a>	<a href="#">Manchester</a> , Chimatica
myIB: Complex in silico experiments for Integrative Biology	EPSRC e- Science BP	Dec0 4 Dec0 5	£131,90 4	Incorp. LSIDs, provenance and <a href="#">Taverna</a> into IB; incorp. <a href="#">SRB</a> and long running steered simulations into <a href="#">myGrid</a>	IT Innovation, <a href="#">Manchester</a> , <a href="#">EBI</a> , Mac Randel and Gavaghan (Integrative Biology)
myTea	EPSRC e- Science BP	Sep0 4 Aug0 5	£219,61 8	Transfer Integrated Experimental Annotation Support from CombeChem to <a href="#">myGrid</a>	<a href="#">Manchester</a> + Schraefel, De Roure, Frey (CombeChem)
CLEF	MRC e- Science	2002 2005	£2,000,0 00	Clinical information framework for capture, integration	Rector, ISBE (Manchester), Brighton, Judge Institute for Management Studies, UCL, CHIME, Royal Marsden Hospital
CLEF-Services	MRC e- Science	2005 2008	£2,000,0 00	Clinical information framework for capture, integration for clinical trials	Rector (Manchester) +
PsyGrid	MRC e- Science	2005 2008	£2,000,0 00	Clinical Trials and Longitudinal Studies in First Episode Psychosis <a href="#">myGrid Platform + Taverna</a> ; contrib. <a href="#">Security</a>	Goble, Paton, Buchan, Lewis ( <a href="#">Manchester</a> ) + Cambridge, and others
Microbase	BBSRC e- Science	Apr0 3 Aug0 6	£170,00 0	High throughput comparative genomics and data mining Parallelisation of	Wipat ( <a href="#">Newcastle</a> )

				<a href="#">workflows</a> and <a href="#">notification</a>	
e-Fungi	BBSRC e-Science	Oct04 Sep07	£548,554	Comparative Functional Genomics in Fungal Species <a href="#">Data mgt, DQP, Taverna workflows</a>	Paton ( <a href="#">Manchester</a> ) + Exeter
ISPIDER	BBSRC e-Science	Jul04 Jun07	£330,710	A Pilot Grid for Integrative Proteomics	Goble, Hubbard, Embury ( <a href="#">Manchester</a> ) + UCL, Birkbeck, EBI
Compara-Grid	BBSRC e-Science	Oct04 Sep07	£950,000	Comparative genomics <a href="#">Semantic services</a>	Andy Law ( <a href="#">Roslin</a> ) + <a href="#">Manchester, Newcastle</a>
Autoimmune thyroid disease	Wellcome Trust 068181	2002 2008	£783,500	A nationwide DNA collection from index cases and families with autoimmune thyroid disease <a href="#">Taverna</a>	Wipat ( <a href="#">Newcastle</a> ) + Birmingham
Autoimmune thyroid disease on chromosome 068181 £783,500 A nationwide DNA collection from index cases and families with autoimmune thyroid disease (co-applicant with Dr. S Gough, B'ham; 2002-2008)	Wellcome Trust	03-06	£180,200	Gene identification for autoimmune thyroid disease on chromosome 18q21 <a href="#">Taverna</a>	Wipat ( <a href="#">Newcastle</a> )
Addison's disease and autoimmune polyendocrinopathy	MRC	01-05	£140,000	Training Fellowship <a href="#">Taverna</a>	Wipat ( <a href="#">Newcastle</a> )
Aquatic microbial meta-genomes	NERC		£90,000 (2.25m total)	Comparative analysis of metagenome data	Wipat, Head ( <a href="#">Newcastle</a> )
Utopia	DTI e-Science	Aug03 Aug05	£190,000	Virtual file management for Life Science applications <a href="#">Data mgt</a>	EMBNNet, Sun Microsystems UK
PARADIGM	EPSRC Platform	2001 2005	£418,775	Platform for Genome Management. <a href="#">Taverna+Freeflow workflows</a>	Attwood, Paton, Goble, Brass, Oliver ( <a href="#">Manchester</a> )
PEDRo	BBSRC		£363,606	Proteomics data. <a href="#">Semantic registration.</a>	Paton ( <a href="#">Manchester</a> ) + others

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Provision of support for microarray bioinformatics to the Environmental Genomics Initiative	NERC		£187,000	Taverna workbench myGrid platform	Stevens (Manchester)
Functional genomics of host tolerance and host-pathogen interactions in vector born parasitic diseases of cattle	Wellcome Trust		£206,815	Functional genomics and annotation pipelines Taverna workbench myGrid platform	Brass (Manchester) + Kemp (Liverpool), Nairobi
Genome Microarray support	BBSRC ARK		£130,000	Genome microarrays Taverna workbench Users of myGrid platform	Brass & Stevens (Manchester)
Microarray studies of T cells in chronic parasitic infection.	BBSRC		£253,000	Microarray studies Taverna workbench Users of myGrid platform	Brass & Stevens (Manchester)
The Living Grid: Dynamically Integrating Computations of Living Systems	EPSRC e-Science	Prop.	£2,000,000 +	Systems Biology Taverna workbench, DQP, Users of myGrid platform	Manchester Systems Biology Centre, IBM
COG: The Chemoinformatics Open Grid	EPSRC e-Science	Prop.	£2,000,000 +	Chemoinformatics Taverna workbench, Users of myGrid platform	Cambridge, Manchester, EBI, Tripos