

Table 1 Summary of Proposed Monitoring Programme for Strategic Plan 2011

Environmenta l Objective	What to Monitor (Indicator)	Source of Data	Frequency of Monitoring	Targets	Monitoring 2011
Protect and enhance biodiversity, flora and fauna on the Grangegorman Site	Areas of new ecological linked green areas within the Grangegorman site.	GDA	Annual	The management of an area of green space in a manner which promotes a diversity of interdependent habitats and species.	Pending approval of Grangegorman Planning Scheme (PS) by An Bord Pleanala and land transfer to GDA
	Eradication of invasive alien species (i.e. giant hogweed and Japanese knotweed) currently on site and avoidance of the introduction of other invasive species to the Grangegorman Site.	GDA	Every two years	Reduction or removal of all alien species from the site.	Eradication of invasive species carried out 2011
	Identification of habitats of protected species and in particular bats and minimise interference with these habitats	GDA	Annual	Bat surveys carried out prior to development on site and where roosting sites are impacted alternative roosting sites such as bat boxes to be provided.	Bat survey to be carried out as part of baseline study for public realm and site infrastructure EIS April 2012
Enhance the overall socio economic profile and economic attractiveness of the Grangegorman Development Area	Delivery of Joining the Dots Report 2009	GDA	Annual	Provide improved employment opportunities, during both the construction and operational phases. Increase economic activity within the general Grangegorman Area.	Employment Clause to be included in all building contracts for the site. Development of an Implementation Plan to deliver the recommendations contained in the Joining the Dots Report 2009
Improve the quality of life for the community based on the provision of accessible employment, recreational, educational, medical and other facilities	Levels of employment creation; access to medical, educational and recreational facilities; and improvements in educational standards at a national level.	Central Statistics Office / GDA	Annual	Increase undergraduate and post graduate student numbers at DIT. Provide access to educational and health facilities for communities.	DIT student numbers available at http://www.heai.ie/en/node/1428 (See Appendix 1) Employment Clause to be included in all building contracts for the site. Co-ordination of activities with educational providers in the provision of educational opportunities for adults.
Provide,	Area of public open	GDA	On-going	The provision of adequate	Pending approval of PS

maintain and improve access to public open space.	space provided in the redevelopment of Grangegorman. Provision of areas of public open space accessible to all.			open space which is accessible to all.	and lodgement of planning application for public realm and site infrastructure
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Environmental Objective	What to Monitor (Indicator)	Source of Data	Frequency of Monitoring	Targets	
Preserve and enhance the natural and historic landscape features within the Grangegorman site.	Number or percentage of natural and historic landscape features preserved.	GDA	On-going	The preservation of as many natural and historic landscape features as possible, where appropriate, and their integration into the landscape proposal for the site.	Incorporated into the Grangegorman Planning Scheme
Retention of existing good quality trees	Percentage of existing good quality trees retained.	GDA	Annual	Retention of as many good quality existing trees on site as possible and where appropriate, including the transplanting of existing good quality trees to other locations around the site.	Incorporated into the Planning Scheme
Limit adverse impacts on air quality and in particular traffic generated emissions.	Length of pedestrian /cycle routes and numbers of cycle parking spaces provided.	GDA	On-going	Air quality should not exceed the limit values provided in the Air Quality Standards Regulations 2002 (S.I. No. 271 of 2002).	Pending approval of PS and lodgement of planning application for public realm and site infrastructure
	An accessible public transport network.	GDA	Annual	Provision of a supply of car parking spaces below the amount demanded in order to reduce the numbers of private cars brought on to site.	Mobility Management Plan prepared 2011
	No. of car parking spaces provided	GDA	On-going	A Mobility Management Plan developed for the site which will seek to minimise private car dependency.	Mobility Management Plan prepared 2011
Limit adverse impacts on climate through use of sustainable energy sources	Preparation of an Energy management regime for the site which will incorporate renewable energies. Central energy centre for the site (including a CHP plant) to be developed.	GDA	Annual	Optimum building energy ratings to be achieved for residential and non-residential units.	GDA Sustainability Strategy prepared Expressions of interest sought from experienced energy companies for the preparation of a Campus Energy Centre solution

Environmental Objective	What to Monitor (Indicator)	Source of Data	Frequency of Monitoring	Targets	
Protect, conserve and enhance the architectural heritage on the Grangegorman site.	Numbers of protected structures retained on site	GDA/ DCC	On-going	No adverse impact on all protected structures on site.	Appointment of consultants underway to carry out Conservation Reports for each of the Protected Structures (approval for appointment awaited from DOES) GDA to carry out on-going enabling works to progress the carrying out of surveys of the protected structures on site.
	Conservation Report prepared for each protected structure and their curtilage.	GDA	On-going	Inclusion of a <i>Conservation Plan</i> with planning applications where relevant, including a detailed fabric survey that will set out strategies for each of the protected structures and their curtilages.	As above
	Number of historic structures with appropriate new uses reflecting the historic nature of these buildings	GDA	Annual	The provision of appropriate and sustainable uses for each historic structure.	Pending approval of PS
Identify, protect and conserve or document the archaeological heritage on the Grangegorman site in accordance with Best Practice Principles.	Number of archaeological features identified; Numbers of archaeological features preserved. Numbers of archaeological features recorded.	GDA / DCC	Annual	Archaeological features identified on site to be preserved where possible or appropriately documented where removal is required in accordance with best practice.	No archaeological features identified on site. Archaeological investigation to be conducted as part of each new relevant construction proposal
Provision of separate foul and surface water drainage to service the Grangegorman Area.	Construction of new surface water sewer connecting with the closest existing surface water line at Smithfield Plaza.	GDA / DCC	On-going	Establishment of appropriate surface water drainage system for separate foul and surface water drainage.	Pending approval of PS and lodgement of planning application for site infrastructure and public realm
Provision for the reuse, recycling and conservation of water.	Provision of grey water recycling, infiltration and filtration systems, retention ponds and swales within the site.	GDA	Annual	Implementation of SUDS (sustainable urban drainage systems).	Pending approval of PS and lodgement of planning application for site infrastructure and public realm

APPENDIX 1

DIT Student Numbers 2010/2011

Student Category	2010/11
UG FT	10,907
PG FT (research & taught)	1,080
UG PT	1,806
PG PT (research & taught)	1,162
Apprenticeship	2,060
CPD	1,012
Junior Music	949
Total	18,976

UG: undergraduate

PG: post graduate

PT: part time

