

Panel on Environmental Affairs
Follow-up to Meeting on 24 January 2011

At the discussion of the item “progress of the key initiatives in the ‘Policy Framework for the Management of Municipal Solid Waste (2005-2014)’” on 24 January 2011, Members requested the Administration to provide a list of research projects on waste reuse which were funded by the Administration. The table below summarizes research projects funded by the Environment and Conservation Fund on topics related to waste management, reuse and recycling for Member’s reference.

Applicant	Project Title	Project Period
HKUST	Conversion of Municipal Sludge to Biodegradable Plastic	01/05/1995 to 30/04/1996
HKUST	An Investigation of using Recycled-Glass as Raw Material for Cement Production	01/03/1998 to 28/02/1999
HKUST	Characterization of the physical & chemical nature of sewage sludge with regard to its suitability for disposal in landfills	01/02/1999 to 31/01/2000
HKUST	The effect of physiochemical properties and moisture content of sewage sludge on its heat value	01/06/1999 to 31/05/2000
POLYU	The Application of Recycled Rubber Components as Noise Barriers	01/08/1999 to 31/12/2000
HKUST	Reuse of Waste Glasses in Cement Production – a DEMOS Project	05/11/1999 to 31/10/2000
HKUST	Economic Manufacturing Method to Produce Controlled-density (CD) Panels for Concrete from Recycled Plastics	01/09/2001 to 30/08/2002
HKUST	Chemical Recycling of Plastic Waste	01/05/2001 to 28/02/2002
HKBU	Municipal Solid Waste Composting Demonstration Project in Housing Estates – Phase III of the Green Community Pilot Scheme	01/07/2002 to 31/10/2003
POLYU	Trial Production and Performance Monitoring of Paving Blocks Made with Recycled Construction and Demolition Materials	25/03/2002 to 25/06/2003
HKUST	Feasibility Study for Product Development from Waste Tyres	01/04/2003 to 30/09/2003
POLYU	Recycling of Construction and Demolition Materials for Civil Engineering and Building Applications in Hong Kong	01/07/2003 to 30/06/2005
HKBU	On-Farm Organic Waste Composting Trial for Organic Farmers: Demonstration project	15/03/2005 to 14/04/2006
POLYU	Recycling of CRT Glass from Discarded Computer Monitors and TV Sets	01/08/2009 to 31/07/2010
HKBU	International Conference on Solid Waste Management for Sustainability in Resource Management	06/12/2010 to 09/12/2010
HKUST	Construction Waste Estimation and Management in Hong Kong	To be commenced - 18 months

Abbreviations for Applicants

HKBU – The Hong Kong Baptist University

HKUST – The Hong Kong University of Science & Technology

POLYU – The Hong Kong Polytechnic University

Environmental Protection Department
February 2011