

15 April 2010

Centre for Sustainable Bldgs & Construction
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Dear Sir/ Madam,

NEW \$15 MILLION INCENTIVE SCHEME TO BUILD CAPABILITIES IN SUSTAINABLE CONSTRUCTION

Sustainable construction is one of the key pillars supporting Singapore's strive towards sustainable development. The Inter-Ministerial Committee on Sustainable Development (IMCSD) has highlighted the need to reduce impact to the environment by boosting our resource efficiency through waste minimisation and recycling. As part of BCA's initiatives to drive sustainable construction, a new \$15 million Sustainable Construction Capability Development Fund (SC Fund) has been set up to develop capabilities of the industry in delivering sustainable materials and adopting sustainable construction methods.

2 The SC Fund focuses on developing capabilities in recycling of waste arising from the demolition of buildings and in the use of recycled materials for construction. The fund is intended to build up capabilities of industry players such as demolition contractors, recyclers and ready mixed concrete suppliers. Other industry players who wish to test-bed SC-related technologies or materials can also tap on this fund.

3 The incentive scheme operates on a co-funding basis, with up to 50% support of qualifying costs on a reimbursement basis. Firms can submit their proposals on capability development to BCA at any time (i.e. there will be no scheduled call for proposals). Each proposal will be evaluated by BCA on its own merit. The proposal should involve new or enhanced capabilities to reduce the use of natural materials, increase the use of recycled materials, or enhance the quality of recycled materials. Examples of areas supported by the SC Fund include technology upgrading (e.g. through the purchase of equipment), process improvement resulting in accreditation/certification, as well as pilot projects on new methods/ materials to build up the industry's knowledge and competency in sustainable construction. Please refer to [Annex A](#) for more details.

4 The scheme is effective from 15 April 2010 and will last for 5 yrs or till the \$15 million is exhausted, whichever comes first.

5 I would appreciate it if you could convey the contents of this circular to your members. The full details of the scheme, such as application guidelines, application forms and FAQs pertaining to the SC Fund can be found on our website at www.bca.gov.sg. For clarifications, please contact Mr Low Giau Leong at DID: 62489898 (or email: low_giau_leong@bca.gov.sg) or Ms Evonne Ong at DID: 67304451 (or email: evonne_ong@bca.gov.sg). Thank you.



Yours faithfully,

YVONNE SOH
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Demolition Contractors

ANNEX A

Fund Recipients	Scope	Key Objectives
Demolition contractors	<ul style="list-style-type: none"> • Demolish buildings according to Demolition Protocol* • Engage consultants to develop suitable quality management systems • Acquire specialised/ controlled demolition equipment • Train manpower (e.g. in new demolition equipment) <p style="font-size: small; margin-top: 10px;">* For projects involving Demolition Protocol, funding is capped at 2 projects of different building types per contractor and min. project size of GFA=5,000m²</p>	<ul style="list-style-type: none"> • To achieve a higher recovery rate of concrete waste (potential for processing into recycled concrete aggregates (RCA) for use in buildings) to be sent to recyclers at Sarimbun Recycling Park.
Construction and demolition (C&D) waste recyclers	<ul style="list-style-type: none"> • Acquire more efficient equipment to improve quality of recycled aggregates • Establish testing programme to verify and enhance quality of output • Engage consultants to develop suitable quality management systems • Train manpower to comply with new workflow 	<ul style="list-style-type: none"> • To attain accreditation by WMRAS (criteria includes facilities/ equipment, testing procedures, quality control management systems, etc). • Recycled concrete aggregates (RCA) must meet requirements of SS EN 12620.
Ready Mixed Concrete manufacturers (RMC)	<ul style="list-style-type: none"> • Establish necessary set-up to incorporate use of RCA/other SC materials in concrete production • Carry out necessary tests to verify quality of output • Engage consultants to develop suitable quality management systems 	<ul style="list-style-type: none"> • To attain accreditation by Oct 2010 (criteria includes production control, quality control management systems, etc). • Increase in qty of RCA complying with BS EN 12620 used for structural concrete. BCA will assess and set individual targets for firms to achieve, based on the size and capability of each firm.
Pilot studies to enhance industry know-how	<ul style="list-style-type: none"> • Engage consultants/ researchers in conducting studies • Conduct prototype/ test-bedding/ pilot-testing projects 	<ul style="list-style-type: none"> • Support SC-related studies/ projects that are scalable and can be adopted industry-wide. BCA will assess the pilot projects based on the merits of each project.