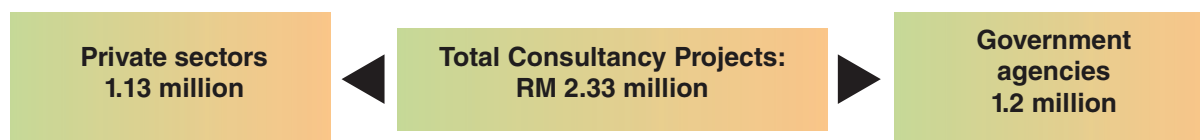


OUR RESEARCH, PUBLICATION AND COMMERCIALIZATION

Consultation

43 consultancy project



Consultancy projects for 2012

Consultancy project by CoE and Research Groups

No.	Research Group / CoE	Consultancy Project	Client
1	IPASA	Detailed Environmental Impact Assessment (DEIA) For The Proposed Tin Mining At The Coast Water Off Kuala Sungai Baru, Alor Gajah, Melaka	Unit Perancang Ekonomi Negeri Melaka
2	IPASA	Kajian Sumber Air di Gugusan Felda Sahabat, Lahad Datu, Sabah	Federal Land Development Authority
3	CRC	Spring Safety Lock Tests	Schaefer Systems International Sdn Bhd
4	CRC	Stub Column Tests	Approved Forensic Sdn Bhd
5	CRC	End Connector Tests	Schaefer Systems International Sdn Bhd
6	CRC	End Connector Tests	Schaefer Systems International Sdn Bhd
7	CRC	Stub Column Tests	Schaefer Systems International Sdn Bhd
8	CRC	End Connector Tests	Schaefer Systems International Sdn Bhd
9	CRC	Experimental Investigation	Schaefer Systems International Sdn Bhd
10	CRC	End Connector Tests	Schaefer Systems International Sdn Bhd
11	CRC	End Connector Tests	Schaefer Systems International Sdn Bhd

No	Consultancy Project	Client
1.	Pembangunan Wilayah Ekonomi Pantai Timur (ECER) – Bentong ke Simpang Pelangi, Pahang	Kumpulan Ikram Sdn. Bhd.
2.	Surface & Groundwater Study for Lion Blast Sdn. Bhd. – Field Data	Jurutera Perunding Zaaba Sdn. Bhd.
3.	Kajian Sumber Air Negeri Johor (2010-2060)	SMHB Sdn. Bhd.
4.	Kerja-kerja Ujikaji Sampel Batuan di Makmal Geoteknik, Jabatan Geoteknik & Pengangkutan, Fakulti Kejuruteraan Awam	Badan-badan Swasta & Kerajaan
5.	Detailed Environmental Impact Assessment (DEIA) For The Proposed Tin Mining At The Coast Water Off Kuala Sungai Baru, Alor Gajah, Melaka	Unit Perancang Ekonomi Negeri Melaka
6.	Kajian Sumber Air di Gugusan Felda Sahabat, Lahad Datu, Sabah	Federal Land Development Authority (FELDA)
7.	Perunding DMMT	Schaefer International Sdn. Bhd.
8.	Kajian Pembangunan Indeks Prestasi Alam Sekitar (Malaysia Environmental Performance/EPI)	Kementerian Alam Sekitar dan Sumber Asli
9.	Detailed Environmental Impact Assessment (DEIA) for the Proposed Off-shore Tin Dredging Kuala Sungai Baru, Alor Gajah Melaka.	Kerajaan Negeri Melaka
10.	Pembangunan Nilai Rekabentuk Tipikal (Typical Design Values) bagi Batukapor di Persekitaran Pandan Indah/MRR II.	Cawangan Kejuruteraan Jalan & Geoteknik, JKR
11.	Testing & Characterisation of Rock Samples for Jalan Persekutuan, Laluan 8 & 9, Central Spine Road, Pembangunan Wilayah Ekonomi Pantai Timur (ECER)	Kumpulan IKRAM Sdn. Bhd. & ECER
12.	Testing & Characterising of rock samples for Foundation Design of RC Dam in Limbang & Lawas, SCORE Projects, Sarawak	Snowy Mountain Engineering Corporation (SMEC), Australia
13.	Detailed Environmental Impact Assessment (DEIA) For The Proposed Tin Mining At The Coast Water Off Kuala Sungai Baru, Alor Gajah, Melaka	Unit Perancang Ekonomi Negeri Melaka
14.	Cadangan Pembangunan Tasik Kenyir bagi Pembinaan Jeti dan Pelabuhan Babas Cukai	Lembaga Pembangunan Terengganu Tengah (KETENGAH)
15.	Environmental Impact Assessment (EIA) for Quarry Opertion at Pontian, Johor	Harta Warga Sdn. Bhd.
16.	Environmental Impact Assessment (EIA) for Industrial Activity at Pasir Gudang, Johor	Johor Corporation Berhad
17.	Pelan Pengurusan Alam Sekitar di Tasik Kenyir Bagi Pembinaan Jeti dan Pembangunan Zon Bebas Cukai	Lembaga Pembangunan Terengganu Tengah (KETENGAH)

OUR RESEARCH, PUBLICATION AND COMMERCIALIZATION

18.	Proposed Tin Mining at Coast Water Off Kuala Sungai Baru, Alor Gajah, Melaka	Unit Perancang Ekonomi Melaka (UPEN)
19.	Engineering Inspection For Maintenance Of Slopes In MPM Building Area	Majlis Peperiksaan Malaysia
20.	Investigate Work at Mukim Jorak, Muar, Johor	Syarikat tujuh Utara Sdn Bhd
21.	SESTMIC SERVEY WORK at Lot 2436, Mukim Tebrau, Johor Bahru, Johor	Segamat Quarry Sdn Bhd
22.	Mining Scheme And Geological Evaluation (Lab Test)	Holcim Marketing Sdn Bhd

Commercialization

Products being commercialized in 2012; (need more information from CRC in order to provide brief description of the products)

- i) Educational Reinforced Concrete Analysis and Design Software (ERCAD)
- ii) Fast Track Wall System
- iii) EGB Brick (Cement Free Concrete)

Research Awards and Achievements

No.	Competition/ Event	Level (University / National / International)	Award	Participants
1	INATEX 2012	National	Silver - Innovative Partial Strength Connection on Cruciform Column Section	Dr. Shek Poi Ngian
2	ITEX/ Malaysian Invention and Design Society (MINDS)	National	Silver- Cement Free Concrete (Eco Green Brick)	Prof. Ir. Dr. Mohd Warid Hussin
3	ITEX/ Malaysian Invention and Design Society (MINDS)	National	Silver - Cement Free Concrete (Eco Green Brick)	Prof. Madya Dr. Muhammad Aamer Rafique Bhutta
4	World Competition of IDEERS 2012	International	1. Second Prize (Overall) 2. Third Prize (Most Creative Structural/Engineering Design) 3. Third Prize (Best Presentation/ Poster Award)	Nordin Yahaya Norhazilan Md Noor (Postgraduate Team RESA-FKA-UTM)
5	World Competition of IDEERS 2012	International	Quake-Resistant Certificate	Mohd Nur Asmawisham Alel Norhisham Bakhary (Undergraduate Team eSEER-FKA-UTM)