

CRICKET

ICC CRICKET WORLD CUP WI 2007

The Association of Building Engineers visited the Caribbean in September 2004. We visited with a British Construction & Consultants Bureau's Trade Mission, with the usual financial assistance from UK Trade & Invest. Honorary Secretary Patrick Reddin went to explore ways in which our members can work with local providers of stadia and all the other accommodation (e.g. residential, security, medical, media and entertainment) for the Cricket World Cup in 2007. We wanted to explain and publicise the skills of our members who include specialists in safety in stadia well experienced in both dealing with existing stadia and the design of new. We were able to discuss these safety aspects including fire, evacuation, crowd control, security and access for all. Access and inclusive design are currently areas of major interest in the United Kingdom. In addition the skills and services of our members in drafting building codes, applying quality standards in all forms of construction and design, designing buildings, including stadia, and acting as the Client's Representative will be areas of interest to the various groups.

The Cricket World Cup is a unique event. In fact it is not an event, but a series of semi-autonomous separate events in different states. The West Indies' group of matches will be as follows:

- Opening ceremony/Opening match:** Jamaica
- Australia's group matches:** St. Kitts and Nevis
- England's group matches:** St. Lucia
- India's group matches:** Trinidad and Tobago
- Quarter finals:** Antigua, Grenada, Guyana, Barbados
- Semi-finals:** Jamaica, St. Lucia
- Final:** Barbados



BCCB Trade Mission Delegation with Don Lockerbie (centre rear row, below letter R in WORLD) in Kingston, Jamaica 7 September 2004

The Headquarters for the World Cup 2007 is Jamaica. We met with Venue Development Director, Donald

Lockerbie, who told me that the organisers are committed to outsourcing the project. Venue Assessment Teams were being set up to evaluate venues; it was decided that this would be no more than eight stadia. The West Indies had been awarded the World Cup in 1998, but it is only now announcing the venues. The Contracts for the works in each country will be individually organised and commissioned by the Local Organising Committee in each of the eight countries which are hosting the tournaments plus a further 4 countries for practice/warm-up. The budget is currently in the order of US\$200M for construction. The governments have guaranteed bids and each country is seeking substantial permanent construction via a Local Organising Committee.

There will be a Central Procurement Programme for temporary supplies, etc. For example, modular seating will be required in seven out of eight countries where 60,000 to 80,000 seats will be required overall. The balance between permanent and temporary requirements will be finalised by January 2005.

All eight venues selected as host venues for the ICC Cricket World Cup WI 2007 have received the stamp of approval for their detailed stadium designs and operational plans for hosting the world's third largest sporting event.

The CWC 2007 Inc Board of Directors at its recent meeting in St Kitts approved the issue of the "Notice to Proceed" to the eight venues – Antigua & Barbuda, Barbados, Grenada, Guyana, Jamaica, St Kitts & Nevis, St Lucia and Trinidad & Tobago. Following the Award of Matches on 13 July, qualifying for the "Notice to Proceed" was the next major hurdle for host venues which had to satisfy the Board of progress in several areas that would indicate a clear transition from Bid Committee to Local Organising Committee (LOC). These areas include stadium and event overlay plans and construction schedules.

Grenada had met all of the requirements for the "Notice to Proceed" based on the pre-Hurricane Ivan situation and have shown strong commitment to restoration within the required time frame. Consequently, the Board has granted a conditional "Notice to Proceed", pending submission of further damage assessments and the plan adjustments required post-Ivan.

Managing Director and CEO, ICC CWC WI 2007 Inc, Chris Dehring has noted "We have seen commitment and a great deal of progress from all of the countries since the first Overlay Meeting in Kingston during the first week of August. In order to award the "Notice to Proceed", the Venue Development Department studied the stadium design plans and collaborated with each LOC on design changes to meet the requirements of the ICC, Global Cricket Corporations (GCC) and CWC 2007 Inc before the construction phase."

Thanks to the ICC website <http://www.icc-cricket.com> we can now bring you up-to-date information on the major stadia projects in each venue

Antigua - new stadium to be built by China

Capacity: 20,000 of which 10,000 will be permanent
Location: the stadium is to be conveniently built between the city and the airport.



Kensington Oval, Barbados

History: hosted its first Test in 1929-30 and first ODI in 1984-85
Capacity: 32,000
Status: major upgrade to be undertaken to add additional seats

WORLD CUP

Stadia images by kind permission of the ICC

and improvements to player, media and sponsor facilities, and with Arup designed helium-filled roofing system



Queens Park, Grenada

Built: 1998
Capacity: present capacity of 13,000 to increase to 20,000 through temporary stands
Status: minor upgrade required (since affected by Ivan) and with Arup designed helium-filled roofing system



Queens Park Oval, Trinidad and Tobago

The oldest ground in the Caribbean
Capacity: 25,000
Status: minor upgrade required



Guyana - new stadium to be built by India

Capacity: 20,000
Status: to be built on a completely new site

Sabina Park, Jamaica

Capacity: 30,000
History: hosted its first Test in 1929-30 and first One Day International in 1983-84
Status: major upgrade to be undertaken



Warner Park Stadium, St Kitts and Nevis

Capacity: increase from 4,000 to 10,000 with the addition of temporary stands
Status: the stadium is to be completely renovated and rebuilt with new

facilities for media, spectators and players

Beausejour Stadium, St Lucia

Built: 2001-02
Capacity: increase existing capacity of 12,000 to 20,000 with the addition of temporary stands
Status: relatively new stadium – minor upgrade required



In addition to these primary venues other stadia are being developed and ancillary works will be required:

- Jamaica – new stadium at Trelawney
- St. Lucia – visitors' accommodation
- Trinidad & Tobago
- New Brian Lara stadium due to be developed as 15,000 seats in the next 18 months
- New stadium, in Bacolet, Tobago. Tobago also to have match?

Lockerbie set out the multitude of tasks and consequent opportunities for UK companies, including ABE members.

- Stadium infrastructure
- Transportation and traffic management
- Accommodation and hospitality
- Travel and Tour partnerships
- IT and telecoms
- Power
- Security
- Event Management and Operations
- Airports and Marinas
- Media Management
- Marketing
- "Look of the Games" Development
- Merchandising & catering
- Ticketing

The Procurement timetable envisages that ICC will approve the schemes submitted by the Local Organising Committees by November 2004. The Local Organising Committees will draft their inventories of requirements by January 2005, with tenders being sought in the summer of 2005. It is anticipated that work will start at the end of 2005.

The general brief for stadia will include:

- **Stadia Concept should achieve:**
 - Multi-sport
 - Multi-event
 - Single sport
 - Parallel events
- **Initial assessment of risks at early design stage should include:**
 - Fire
 - Evacuation
 - Access and egress

- Access for all
- Terrorism
- **Construction criteria will include**
 - Altering an existing site
 - Continued use whilst works proceed

Anyone looking for job opportunities should visit <http://windies.mppglobal.com>

One of the major themes of this ambitious event is ensuring a legacy following the World Cup in 2007. The organisers are hoping to establish a skill base using the experience with this event to offer stadia and event design/management consultancy elsewhere in the world. Another great opportunity for ABE members to share in the training and sharing of experience with Caribbean professionals. Anyone interested in the various opportunities for partnering and/or investment, particularly in the tourism aspects of the events, should visit www.profitcaribbean.com



From the overview to the particular

In Jamaica we met with the Jamaica Cricket Association at Sabina Park where the owners, Kingston Cricket Club, were awaiting the initial scheme from their architects. Sabina Park is a primary part of the tradition of Caribbean cricket.

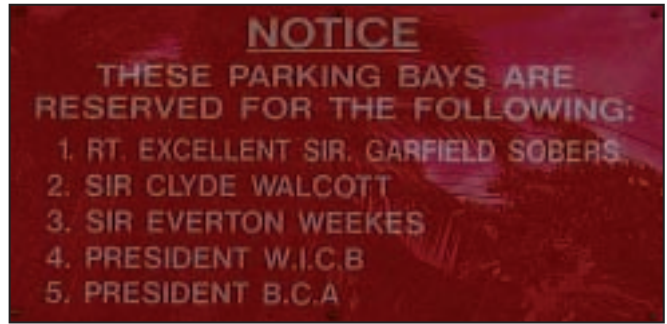
They are looking to update to modern stadia standards and foresee competition from other countries for future events. The owners want to make the stadium comparable with anywhere else in the world. The proposals include moving the practice pitches from the outfield to newly-available adjacent site(s); install new drainage and irrigation; create an additional fifth pitch, new and extended media/press facilities and creation of a traffic-free zone when matches are played. Six local schools will have a holiday when matches are on. There will be parking areas with shuttles to the ground. They are expecting some funding from government

In parallel, the Kingston Redevelopment Company has been formed to restore Kingston as a centre of activity, which it has lost to new areas in recent years. This will involve redevelopment of downtown Kingston.

Then to Barbados

Arriving at Kensington Oval is like entering cricket history. There are no parking bays marked out for the ABE President, but some are reserved for people whose names you may recognise. The Kensington Oval, which was virtually destroyed by fire in 1944, is to be almost entirely rebuilt, with a new media centre, players' pavilion, museum and indoor sports facilities. The Challenger, Kensington and Inniss Stands, Pickwick Pavilion and 3W's Stand will also be replaced. Just two buildings will be retained.

Arup Associates is also planning to create a hill and pool area at the eastern boundary of the ground – a design move which has



been described as providing "an echo of the coastal landscape of Barbados". Drawing from the designer's experience as lead architect of the Commonwealth Games Stadium in Manchester (now the City of Manchester Stadium), Arup also plan to temporarily expand the capacity of the ground to around 30,000 for the duration of the World Cup. Arup Associates intends to preserve the unique and intimate character of the different stands in the new structures. Unlike other sports, which aspire to homogenous stadia which wrap around the entire playing area, cricket pavilions tend to evolve piecemeal – the result is a community of buildings, each with their own atmosphere and character.

The new contemporary pavilions will respect the "memory" of the present structures, while providing better protection from glare and summer heat. Local conditions are fundamental to the design of the new buildings, to be constructed in concrete, steel and large fabric roof "petals".

Kensington is a cricket ground made up of individual stands, not a stadium, they say. This proposal seeks to maintain this important distinction. Furthermore, each stand has a very unique character, and the new stands seek to retain the positive attributes of those they replace.

Lead architect and cricket enthusiast Dipesh Patel describes the approach to, and circulation around, the Oval which is to be dramatically altered. An "inhabited city wall", lined with almond trees, will be created to provide kiosks for many of the ad hoc activities (like fish frying) which currently take place on Pickwick Gap, the principal thoroughfare to the north of the ground. A new public square is to be created on President Kennedy Drive, part of a strategy to provide the approach to the cricket ground with true "civic quality." The eastern edge of the ground, which will accommodate the temporary seating for the 2007 Cricket World Cup games, will be landscaped – culminating in a hill and artificial beach for sun-worshippers and fans such as the "Barmy Army". The logic of this tactic is simple: identify part of the ground which is difficult to shade, due to the latitude of Barbados, and turn it to fans' advantage; take what would normally be an inferior area and make something of it by giving it to people who actually want to be in the sun," says Patel. As with other islands, the redeveloped ground is being seen as part of a wider regeneration initiative to inject new life into Bridgetown, the capital of Barbados. The Oval, surrounded by





housing and light industrial units, is currently difficult to find and fails to capitalise on its potential as a tourist attraction. The architects plan to put this right by opening up key areas of land and providing a far greater sense of arrival. The company is also encouraging better pedestrian links between the ground and the cruise-liner terminal to the west. "The ground is to be equipped with facilities intended to make it the focus of year-round community life. The reconfigured perimeter will make the Oval suitable as a venue for both music concerts and other sports, such as baseball games, while the principal VIP pavilion to the north of the pitch will contain spaces suitable for large social events and weddings. An indoor sports centre, and a design strategy which will enable viewing boxes to double up as

dormitory spaces for training teams, also form part of this effort to attract out-of-season life to the ground.

Then on to Trinidad:

There I met with the Queens Park Cricket Club. Queens Park Oval is a high standard ground with little required to make it ready for the World Cup. As a deliberate political decision Trinidad & Tobago, the richest of the islands thanks to oil and gas, has decided to stand back to allow other islands an opportunity to bid for the major infrastructure investment opportunities. Who can tell what will happen between now and 2007? Another Ivan could easily devastate other venues leaving Trinidad available as a reserve. So far Trinidad has been hurricane free!! Time to get your internet browser working, sell your skills and get out to the World Cup in 2007.

**Patrick Reddin PPBEng FBEng FRICS
Hon. Secretary**

AEEBC GOES TO DEN HAAG

Middle of November saw me in the Hague at the AABEC, which stands for Association d'Experts Européen du Bâtiment et de la Construction. The AEEBC represents many different building expert organisations from across Europe. One of the main items on the agenda was a merger of the AEEBC and the European Council of Building Professionals, ECBP. The merger strengthens the two organisations and will give a stronger base on which to build for the future.

The AEEBC will retain its name and identity and will continue to develop its programme towards the mutual recognition of professional qualifications across Europe in the form of the EUR BE. The ECBP brings a number of strengths including construction management expertise, along with EUREMAC programme of education and accreditation for the management of construction. The meetings are held twice a year and usually hosted by a different member country. This time it was the NVBK Netherlands, which coincidentally marked their 30th anniversary. The infrequency of the meetings means they need to be productive, but progress can be a little slow on occasions, by the very nature of bringing together many different countries and cultures. The NVBK representatives, Jan and Joyce, had organised an excellent series of meetings, events and site visits enabling us to see the varied construction approaches and architecture of the area.

Friday morning we were looking at a case study based on a building in France, which all member countries will contribute to. The intention is that people from around Europe will be able to see how a specific problem or issues are dealt with in the different member countries. This should ultimately provide a valuable resource.

We were lucky enough to be able to visit an exhibition of work by Escher; his work is highly mathematical, with many being optical illusions. It was really quite fascinating. These breaks from the meeting table give everyone a chance to exchange views and opinions, as well as getting to know each other a little better. Saturday saw us back around the table for the formal meeting of the General Assembly, of which the ABE is part.

We had a guided tour around the city, kindly provided by a local architect. I found it a little surprising how modern most of the city seemed to be. I'd expected to see more old Dutch architecture; instead it is very modern. What was also surprising is that there are plans to replace a number of the larger buildings, which are just over 20 years old.

My flight back wasn't until later on Sunday and I'd been told of a 'must see gallery' so, armed with a map, I headed for the Panorama Mesdag. What I had been sent to look at was a cylindrical painting, more than 14 metres high and 120 metres in circumference.

The vista is of the sea, the dunes and Scheveningen village. It was painted by one of the most famous painters of The Hague School, Hendrik Willem Mesdag, with his wife and a few students. It is the oldest 19th century panorama in the world in its original site, and it is a unique part of the cultural heritage. You experience the illusion of an unlimited view from the top of a sand-dune, see the clouds pass by and the sun break through. If you are in The Hague – go and see it. It's the best three quid I've spent for a while!

For further information about AEEBC and ECBP see: www.aeebc.org and www.ecbp.org websites.

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