



UK-Bangladesh Collaboration in Infrastructure and Education



SPECIAL SUPPLEMENT

Forty years since Bangladesh's independence, it has made huge strides in its economic and social development. The growth in UK-Bangladesh bilateral commercial relationship has mirrored that and continues apace. For instance, bilateral trade has grown double since 2006. The UK is the largest cumulative investor in Bangladesh, with approximately £2 billion worth of investment projects to date. Over 60 UK companies are operating successfully throughout the country.

INNOVATION

Cutting Edge Thinking

The UK is a world leader in research and development. The quality of this capability and the strong relationship between UK business and academia has long been attractive to overseas markets.

The UK is dedicated to developing the capability of its companies and the skills of its infrastructure professionals. UK expertise has played a major role at the heart of some of the world's most prestigious and challenging projects.

The UK has an impressive track record in sharing its infrastructure expertise and in helping partners in overseas markets implement new approaches and technologies. This readiness to share insights and lessons learnt makes UK companies valuable collaborators.

The UK's position as a leader in research and development is also reflected in the significant number of overseas students who come to the UK for higher education. This is a further example of the UK sharing infrastructure expertise for the benefit of communities across the world.



PARTNERSHIP

Collaboration in Action

Partnership working comes naturally to the UK infrastructure sector. Collaboration, whether with international partners or domestic contractors, has always been integral to the successful completion of world-class projects and the UK has a long and proud track record of finding new and innovative ways of delivering infrastructure developments, including pioneering private finance initiatives.

Key to the UK's offering is its broad consultancy base, which enables all partners to adopt a highly-flexible approach regardless of the complexity of the project. UK infrastructure businesses have expertise at all stages of the development cycle -- from its world-leading architectural, design and planning consultancies to its globally-renowned construction companies.

These partnerships allow projects to draw on the very best of the UK's innovative business culture and tap into the country's prowess for cutting-edge design, technological strength and high skills levels.

Importantly, UK infrastructure businesses view these projects as true partnerships, allowing them to add value by transferring knowledge and best practice to local companies.

UK businesses have been key players in the successful partnerships behind many of the world's most iconic developments of recent years, including the Bird's Nest stadium built for the 2008 Beijing Olympic Games and Madrid's Barajas Airport.

ENERGY -- OIL & GAS

Proven Partner

The UK is uniquely positioned as a world-class partner for both leading-edge upstream and downstream projects in the oil and gas industry. UK companies have an outstanding reputation for innovation and manufacturing excellence and can satisfy all aspects of the energy industry supply chain with innovative solutions.

Over the past 40 years, exploration and development of the deep, hostile waters of the North Sea have created an unequalled range of products, services and expertise. UK companies have extended the life of many oilfields that were considered marginally economic and developed deepwater reserves.

UK expertise is behind the development of a vast range of subsea and well-head technologies, novel offshore platform and floating production systems, storage and offloading units, distribution vessels and pipe laying and monitoring. There is also a wealth of groundbreaking downstream expertise, including gas transmission and low and medium pressure distribution technology, advanced metering service, control and instrumentation, network modeling, storage, transportation and allied systems. UK manufacturers can provide virtually all the necessary technology from vast gas compressors and trenchless pipeline laying systems to the latest cogeneration plants and compressed natural gas vehicles.

UK industry input can be found everywhere across the world where oil and gas is extracted, tested, moved and stored while many UK businesses are also at the forefront of the growing Liquefied Natural Gas industry.

SUSTAINABILITY

Harnessing UK Expertise in Sustainability

All infrastructure projects need to be sustainable -- regardless of their size or location. The UK boasts world-leading expertise in every aspect of sustainability, from energy-efficient building to waste management and from urban regeneration to low-carbon power generation.

The UK infrastructure sector takes a holistic approach to projects, maximising their value and extending their life, while efficient project management lowers costs.

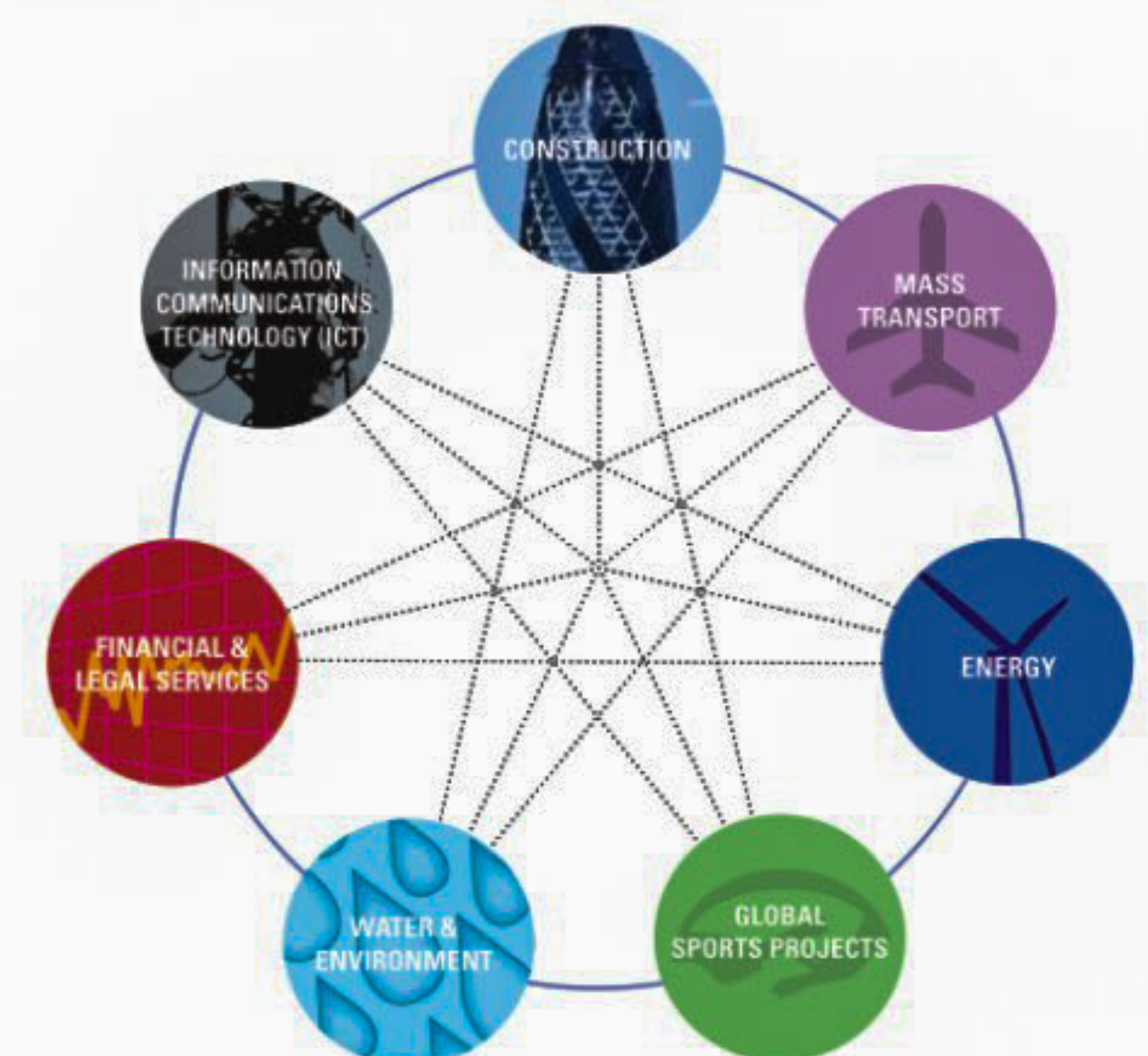
Technological innovation plays a major part in maintaining the UK's lead position in sustainable development through a combination of its world-class universities and its many research-focused businesses. For example, in the oil and gas sector, UK innovation has extended the life of many North Sea oilfields that were originally deemed only marginally economic.

In the power sector, the UK is leading the way in clean coal technology, emissions trading and related capabilities while UK expertise is at the forefront of efforts to commercialise carbon capture and storage. Transport is another sector where the UK has successfully exported its knowledge in areas such as environmental planning and energy efficiency.

Underpinning these innovations are the UK's dynamic legal, financial, education and technical sectors which have put the country in the vanguard of electricity market reform and liberalisation, regulation, privatisation and project management.

Spotlight on UK Infrastructure

The UK has built a reputation as a source of world-class expertise and capability in the planning, design, construction and delivery of infrastructure globally. Through a range of iconic developments, UK firms have demonstrated their partnership approach, ability to maximise value and have put sustainability at the heart of projects. UK expertise is particularly strong in the following sectors.



CONSTRUCTION

Leading The Way

The UK construction industry is one of the world's largest. UK contractors and consultants operate in almost every country in the world, providing the necessary design, project management and quality expertise within leading consortia to deliver major projects.

UK construction companies have developed particular expertise in urban regeneration, accumulated as a result of the recent transformation of cities such as London, Manchester and Newcastle. This expertise is now being exported globally.

British Standards and Codes are recognised around the world and form the basis of governance in many construction industries. The construction sector is extremely diverse, comprising contractors and consultants in areas such as quantity surveying, project management, skills development, legal and financial -- including public private partnerships -- as well as the production of building materials, plant and equipment.

A solid commitment to sustainable development is at the heart of the UK construction sector, with every major scheme now undertaking a rigorous audit of its likely impact on the environment and local communities ahead of work starting. This pioneering approach places the UK industry in the vanguard of the growing demand across the world for sustainable development, which is sensitive to local factors.

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MASS TRANSPORT

Driving Change

Rail -- UK rail firms are recognised internationally for their expertise in railway restructuring and public private partnerships (PPP). UK rail firms are particularly interested in operating in markets with significant project business or that are undergoing active reform. The UK rail sector can draw on a heritage dating back more than a century and a half to the birth of the railways. This means it has unparalleled expertise in project managing major schemes while the rail engineering industry today is a world leader in areas such as signaling, ticketing and safety and is pioneering new rapid transport systems.

Ports -- Following reforms in the 1980s, the UK now has one of the most diverse private sector port industries in the world. Its 100-plus sea ports range from major container and passenger terminals, to fishing ports, oil and gas terminals and marinas. UK companies export in areas such as port management, logistic and design consultancy, with particular expertise in security.

Airports -- The UK is a global air transport hub and, as a result, the UK

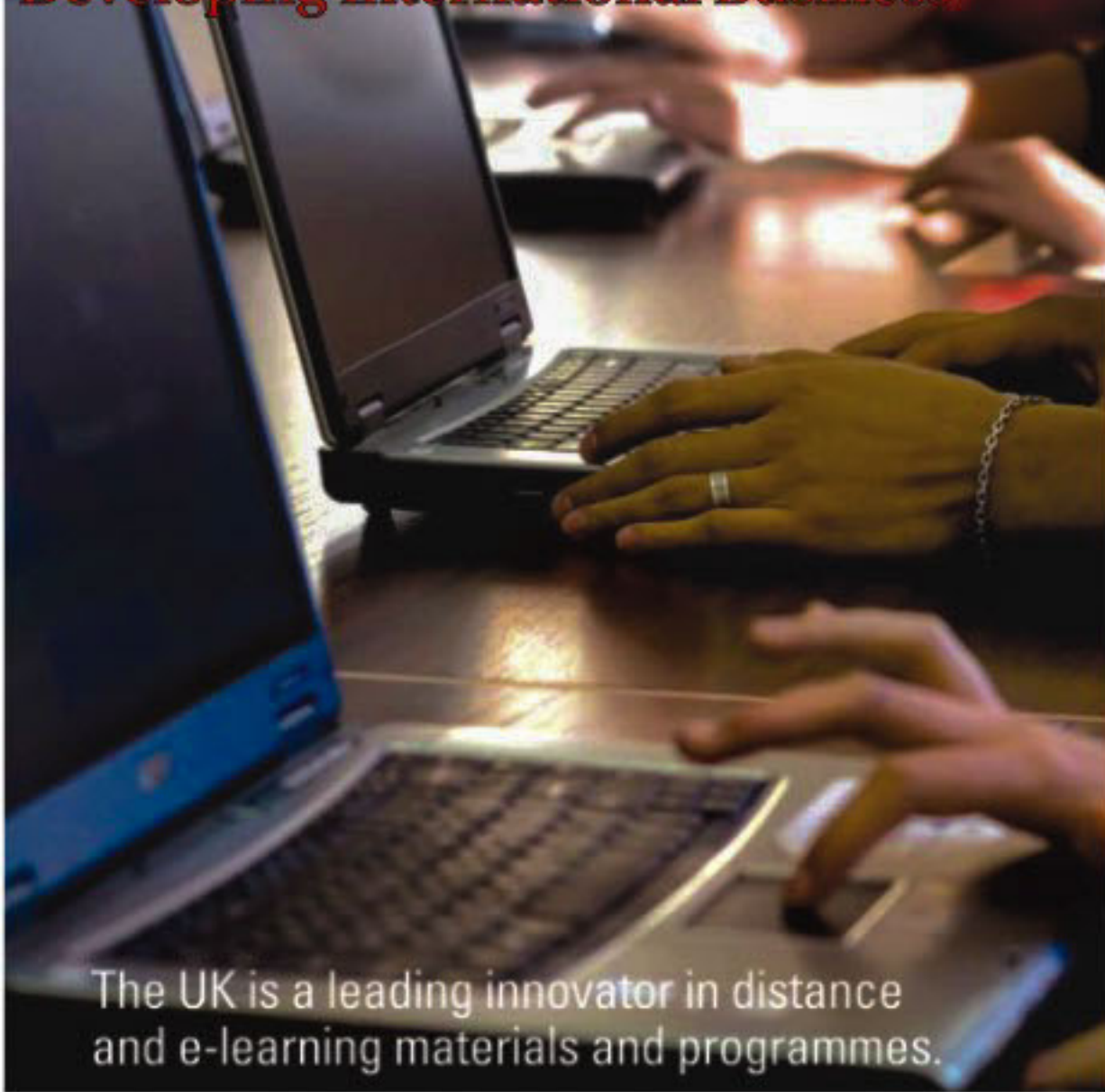
airports sector, which employs more than 100,000 people, is at the forefront of developments in this field. The UK operates the largest air transport system in Europe, achieves more revenue per passenger than any other country and boasts innovative, world-class talent in design, project management, construction, security operations and maintenance. UK expertise is at the heart of the world's most prestigious and challenging airport projects.

UK companies have recently worked on the design and construction of airports such as Kuala Lumpur, Hong Kong and Beijing Terminal 3. Experience also extends to the ownership, operation and commercial development of international airports and air traffic management and control and airline and airport security -- underpinned by the UK's highly-respected scientific and specialist IT community.

The UK's advanced transport infrastructure enables its logistics industry to take advantage of improvements in vehicle technology, emissions reduction and increased levels of supply chain efficiency.

The UK's Education and Skills Sector

Developing International Business



The UK is a leading innovator in distance and e-learning materials and programmes.

Look to the UK for Educational Excellence

The UK has an outstanding reputation for excellence in education and skills-from the development and export of educational equipment, resources, technology and software to sustainable education, corporate training and further and higher education.

Education and training is not only a very important sector in its own right, but is also a key component in every other industry and profession (for example, industries such as energy, healthcare, telecommunications, banking and engineering all require specialised education and training). The UK is a global leader in developing partnerships between education and business to match the skills that industry needs with the education and training the country provides.

UK Education-key Facts

- International sales of education and skills products and services make the UK a world leader in meeting the accelerating demand in this dynamic sector.
- The UK's professional qualifications are recognised internationally and are in constant demand by those seeking to improve their

career prospects.

- The UK delivers effective English-language learning systems to students both in the UK and through British institutions internationally.
- The high quality and proven effectiveness of UK teaching equip-

ment, software and materials are recognised in international markets.

As knowledge-based industries become ever more important in the global economy, so too does the education and skills sector that these industries rely on to provide the highly educated workforce they need.

This fact has not been lost on the UK's world-class education, training and learning providers -- they are already geared up to supply the growing needs of the international arena.

- Around 370,000 international students study at UK universities and colleges, while a further three million students take UK exams overseas.

The UK: Top of the class in...

Teaching equipment, software and materials

The high quality and effectiveness of UK teaching equipment, software and materials are recognised in global markets and are under constant development to meet international requirements.

Each year, UK trade investment (UKTI) brings overseas buyers to trade shows, such as the BETT educational technology exhibition in London (January) and the Education Show in Birmingham (March), to demonstrate the breadth and quality of what the UK has to offer.

Educational publishing

The UK has the oldest, best established and most highly regarded educational publishing industry in the world, consistently producing learning materials which engage students, support teachers and deliver high quality, successful learning. UK publishers have also developed a range of educational resources in digital form for all age groups, from pre-school to tertiary, and for special needs and vocational education. Their expertise in digital asset management and new publishing technologies enables them to re-purpose and customise materials for learners anywhere in

the world.

Respected qualifications

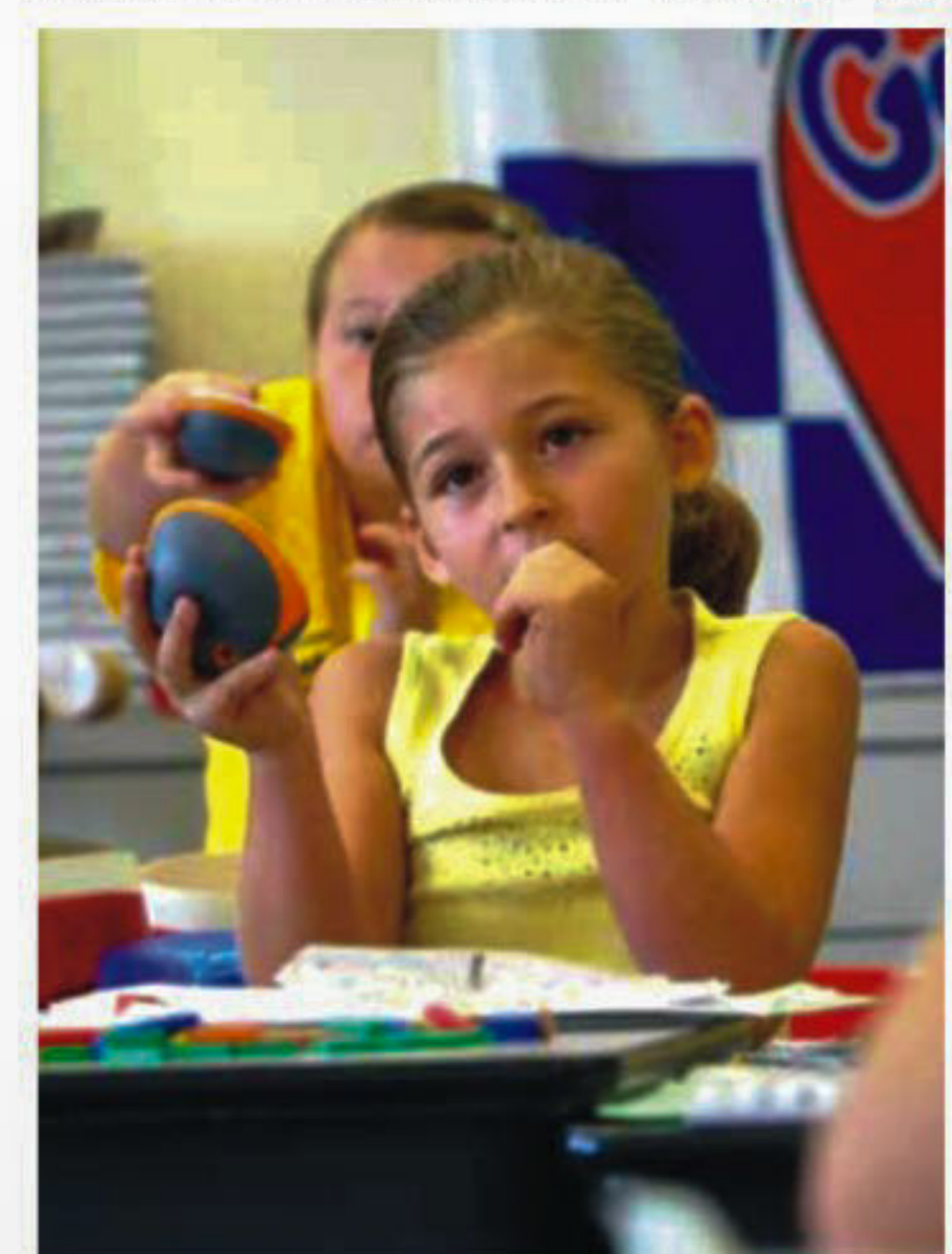
The UK's reputation for excellence is of particular value in the area of professional qualifications, where its education and skills training programmes are recognised internationally and are in constant use by those seeking to improve their career prospects. The education and development offered by the UK's professional bodies have ensured very high standards of competence in areas such as engineering, the law, financial services and accountancy, to name, just a few, in many countries across the world.

English-language learning

The UK is of course, the natural choice for English-language learning, and students will find quality-controlled and effective systems available to them both in the UK and through British institutions internationally. It is also a leading innovator in distance and e-learning material and programmes, which have allowed UK course to become available globally to students and businesses. Today, approximately 1.53 billion people worldwide use English as a primary, auxiliary or business language, with some 250 million acquiring it in China alone.

Corporate training

Corporate training is an increasingly important priority for forward-thinking and ambitious companies and organisations. The UK is well



regarded as a centre of excellence for corporate, executive and leadership training across a range of areas, and is experienced in working with overseas clients to deliver training tailored to their specific needs.

Vocational training

Vocational training is more than just training provided by employers for their own employees. It prepares learners for traditionally non-academic jobs that are based in manual or practical activities, and are related to a specified trade, occupation or vocation. Covering a wide range of subject areas, it tends to be more hands on than academic qualifications might be. UKTI works with vocational multiplier organisations to promote the UK's globally renowned expertise in this field in overseas markets.

Sustainable education

In recent times one theme has emerged which touches all aspects of education -- sustainability. Growing awareness of climate change and the global transition to a low-carbon economy mean that the schools of the future are increasingly designed, built and operated according to innovative green principals.

The UK is internationally renowned for its expertise in Educational Sustainable Development (ESD), boasting world class com-

panies at the forefront of a wide range of ESD-related areas. These include design and construction of educational establishments, curriculum development, teaching resources, academic research and capacity building.

School operation

The UK is a leading operator of international schools and universities, with specialist organisations dedicated to delivery high-quality British-style education to countries across the world. In many cases, each school's curriculum is based on the National Curriculum of England, enhanced to support different cultures and conditions. An increasing number of leading UK independent schools also now have branches overseas.

Educational consultancy

The UK has a wealth of first-class educational consultants. Their expertise includes curriculum design/development; staffing structures and legislation; training/professional development; school policies development; governance; appeals management; financial management systems/school budgeting; building suitability; specialists teaching-room design and equipping; quality control and inspection and school improvement programmes.