BG GROUP'S INVESTMENTS IN STEM EDUCATION 2011-13

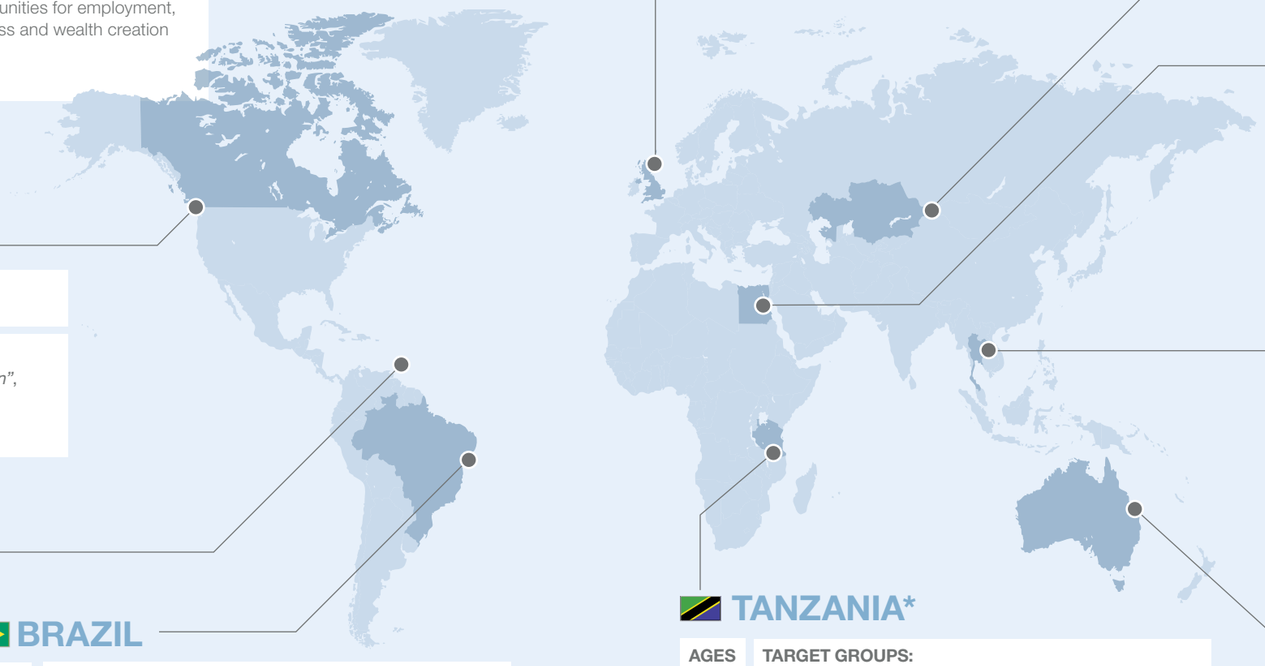
Science
Technology
Engineering
Mathematics

WHY STEM EDUCATION?

SUPPORTING GOVERNMENTS:
Developing a workforce with STEM skills and qualifications, to prosper and meet the demands of the future global economy.

DEVELOPING CAPABILITIES:
STEM-qualified professionals and technicians are crucial for energy companies and other industries, as we take on a broad range of future challenges.

DELIVERING ENDURING SOCIO-ECONOMIC BENEFITS:
Social mobility and opportunities for employment, business and wealth creation



UK

AGES 10-18

TARGET GROUPS: Students & teachers (focus on under-represented groups)

KEY PROJECTS:
Working with leading STEM education partners across the UK:

- Royal Academy of Engineering
- Science Museum London
- Aberdeen City Council
- Exscitec Ltd, Imperial College and the National Oceanography Centre
- Darwin Centre for Biology and Medicine

KAZAKHSTAN*

AGES 18 +

TARGET GROUPS: University students & researchers

KEY PROJECTS:

- Support for the *Nazarbayev University Research and Innovation System*
- Post-graduate scholarships in science, energy studies, and sustainability
- Support for Kazakh National Technical University (Society of Petroleum Engineers)

EGYPT*

AGES 18 +

TARGET GROUPS: University students

KEY PROJECTS:

- Professional skills and language training for students in the faculty of science in Cairo and Assiut Universities

THAILAND

AGES 12 -14

TARGET GROUPS: Teachers and public secondary school students

KEY PROJECTS:

- *Inspiring Science* - curriculum development and teacher training, in partnership with the Thai Ministry of Education, the British Council and Sheffield Hallam University

CANADA*

AGES 5+

TARGET GROUPS: Schools & communities

KEY PROJECTS:

- Support for *Vancouver Aquarium "AquaVan"*, a marine science education project that travels throughout Western Canada

TRINIDAD AND TOBAGO

AGES 3 -16

TARGET GROUPS: Public school students & teachers

KEY PROJECTS:

- *BG Trinidad and Tobago Science Bus* – science learning outreach since 2000
- *STEMagination* - science teacher training in partnership with the University of the West Indies School of Education

BRAZIL

AGES 7+

TARGET GROUPS: Public school students, teachers and university researchers

KEY PROJECTS:

- "End-to-end" investments from primary school science programmes through to university fellowships
- Targeting selected locations with a connection to the oil and gas industry (Rio de Janeiro, Angra dos Reis, Rio Grande)

TANZANIA*

AGES 11+

TARGET GROUPS: School & university students

KEY PROJECTS:

- National and international university scholarship schemes (science and engineering)
- Science equipment and infrastructure for schools and universities
- *Young Scientists Tanzania* programme to promote science in secondary schools

AUSTRALIA

AGES 11 -16

TARGET GROUPS: Students in Queensland public schools

KEY PROJECTS:

- *Wonder of Science* – supporting science and industry ambassadors in schools
- *Power of Engineering* – pupil workshops and site visits

BG GROUP HAS INVESTED APPROXIMATELY

$6m

IN PROJECTS FOR SCHOOL STUDENTS AND TEACHERS, WORLDWIDE

BG GROUP HAS WORKED WITH MORE THAN

20

PARTNER ORGANISATIONS GLOBALLY

BG GROUP HAS DIRECTLY BENEFITED MORE THAN

30,000

SCHOOL STUDENTS WORLDWIDE

*Not covered in 2011-13 STEM Education Learning Report analysis because project was started recently and/or targets university students rather than school-aged students.

Find out more at
www.bg-group.com