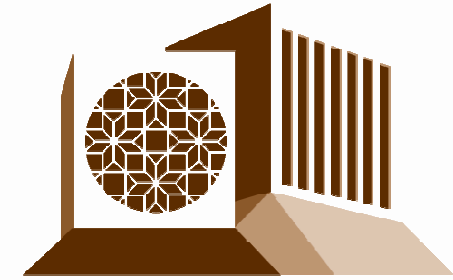




INCONET-GCC Information Day



جامعة قطر
QATAR UNIVERSITY

Research at Qatar University

Hassan Al-Derham

May 3rd, 2011



Outline

- Facts and Figures about Qatar
- Qatar National Vision 2030
- Qatar University
- Qatar Foundation
- Qatar Science and Technology Park
- Qatar National Research Fund
- Sidra Medical Research Center
- QF Research Institutions



Qatar: Facts & Figures

- Area: 11,437 sq km
- Population: 1.6 million
- GDP: US\$128 (2010)
- Oil and Natural Gas resources





Qatar National Vision 2030

Qatar is focusing on:

➤ **Knowledge-Based Economy (KBE) Campaign to:**

- Diversify Qatar economy through building indigenous innovation capabilities
- Development of science, technology and other intellectual capabilities

➤ **Four key ingredients of the knowledge economy:**

- (i) Education;
- (ii) Innovation;
- (iii) Entrepreneurial Capabilities;
- (iv) Communications and Information Technology backbone of the country.



Qatar University

Vision:

Qatar University shall be a model national university in the region, recognized for high-quality education and research and for being a leader of economic and social development.





Qatar University

- Seven Colleges
Arts and Sciences, Engineering,
Business and Economic, Law, Sharia,
Education, Pharmacy
- 64 academic programs
- Over 600 faculty and supporting
member
- Over 9000 students



QU Research Objectives (2009-12)

1. To encourage research projects that are in alignment with national research priorities
2. To provide the necessary infrastructure and financial support to conduct research.
3. To develop, attract, and retain faculty and research support staff to scale up research capacity
4. To establish institution-wide centers for excellence in research that support research priorities
5. To identify and develop strategic research partnerships within and outside of Qatar
6. To achieve recognized research performance



QU Research Priorities

Health

- Biotech
- health outcomes
- prevention/life style
- diagnostic/treatment of diseases such as: cancer, diabetes, cardiovascular, immune/genetics

ICT

- Wireless Telecom.
- services
- monitoring
- data analysis
- systems optimization

Environment

- Urban
- waste management
- water/air quality
- radiation
- marine
- Indoor
- Carbon capture

Energy

- Energy conservation
- alternative/renewable
- Hydrocarbon
- Power generation/distribution

Materials

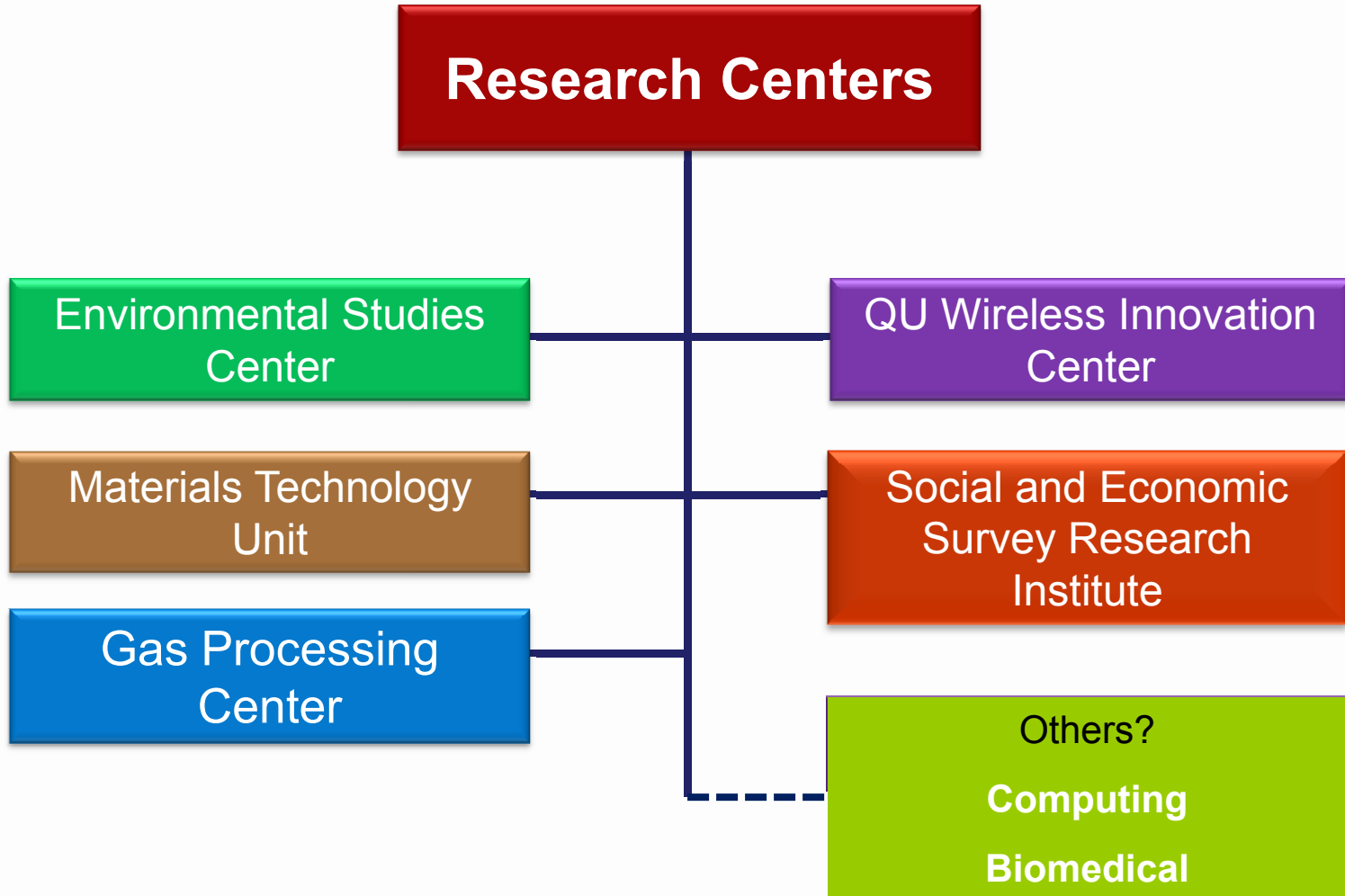
- advanced materials
- characterization
- Nano-materials
- Recycling
- failure analysis/prevention
- corrosion

Social Sciences/Humanities

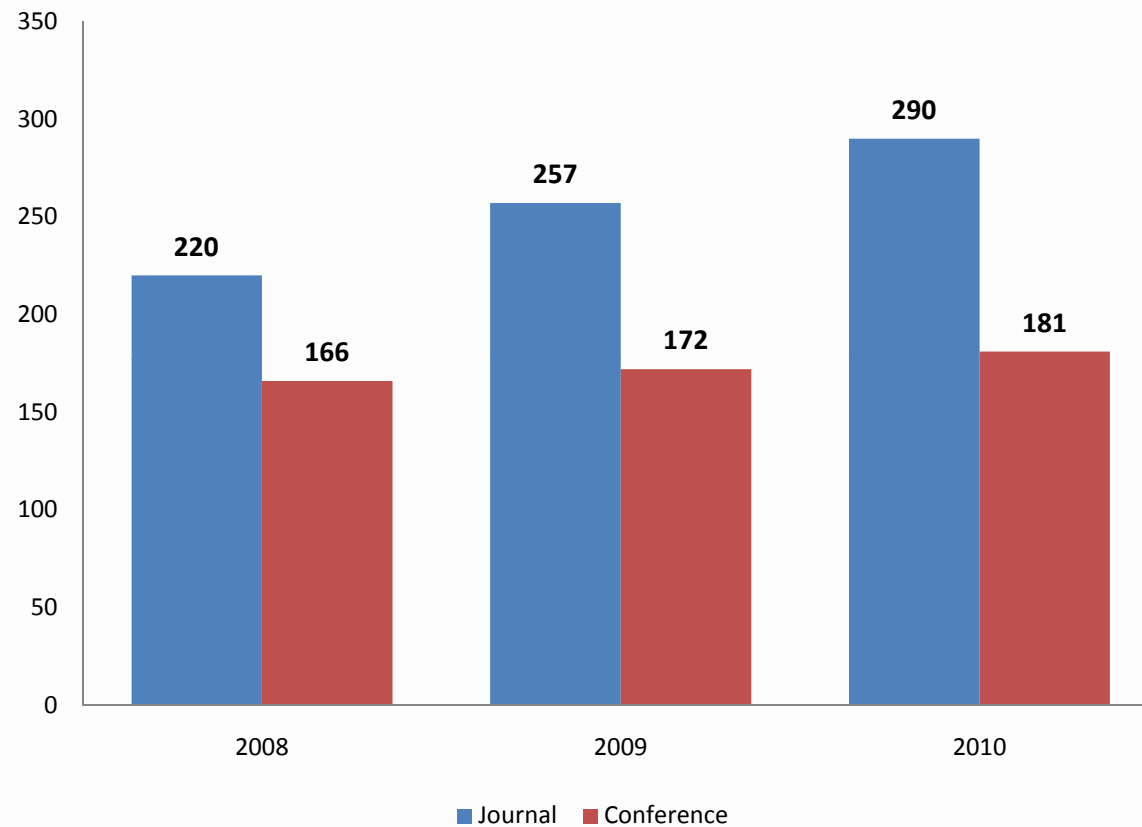
- Preserving values
- Identity
- Education curricula



Research Centers



Research Publications Qatar University





Research Funding

- Qatar National Research Fund
- Qatar Science and Technology Park
- Local Institutions
- International Funding Agencies



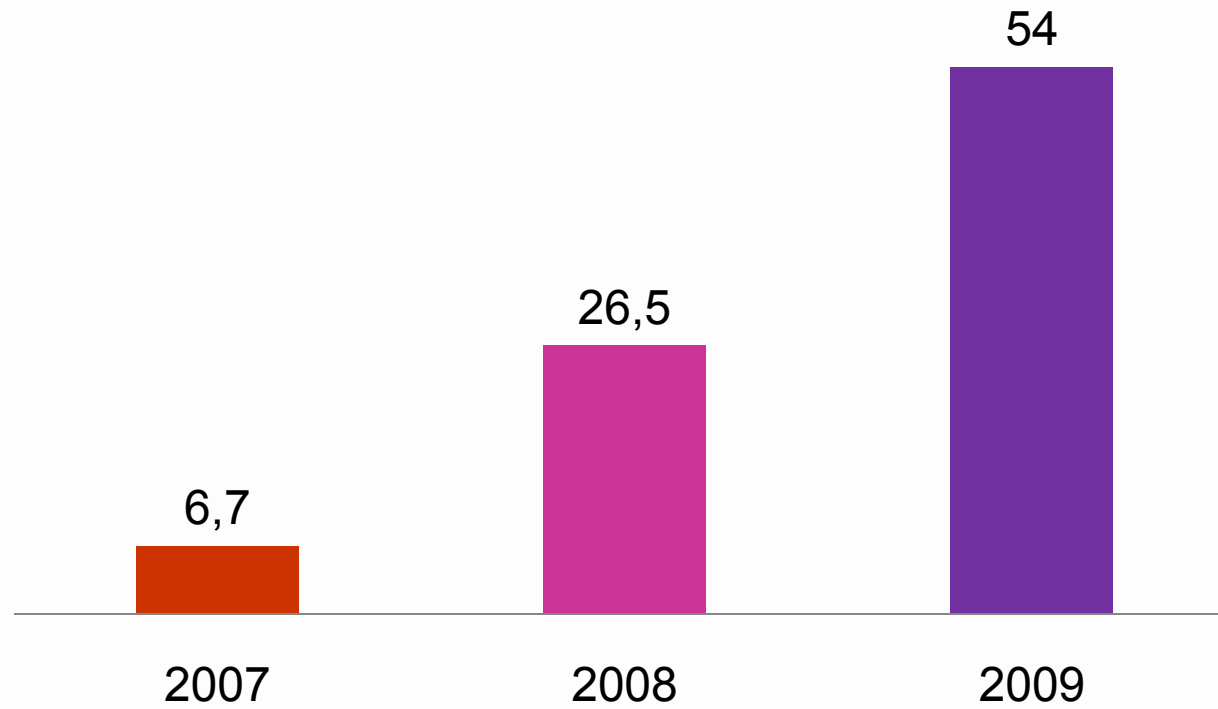


Research Funding

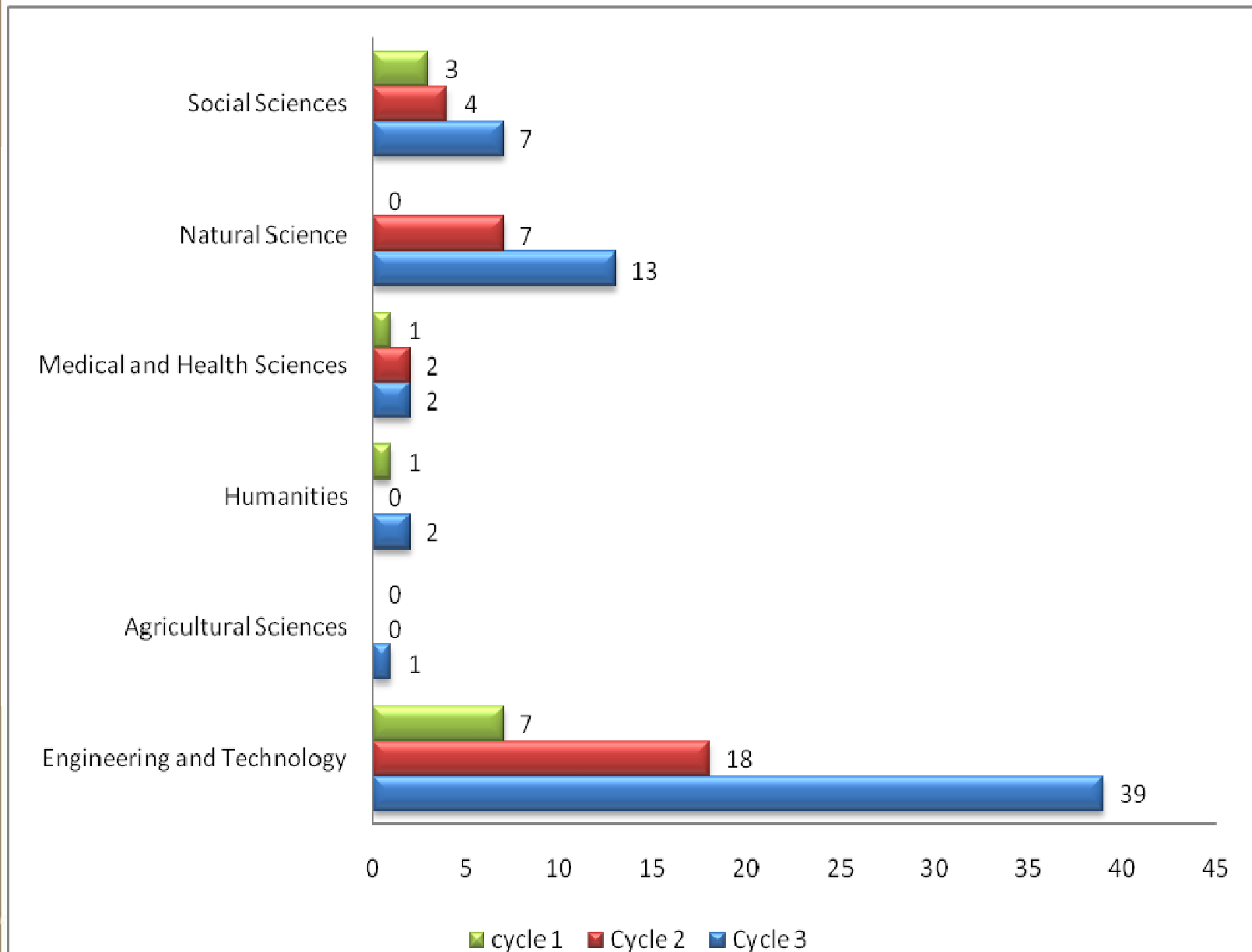
- Qatar National Research Fund
- Qatar Science and Technology Park
- Local Institutions
- International Funding Agencies



QNRF US\$m



NPRP Wining Proposals





QSTP

- Qatar University Wireless Innovation Center (QUWIC)
- Medium to large projects (US\$15m)



New Research Complex

