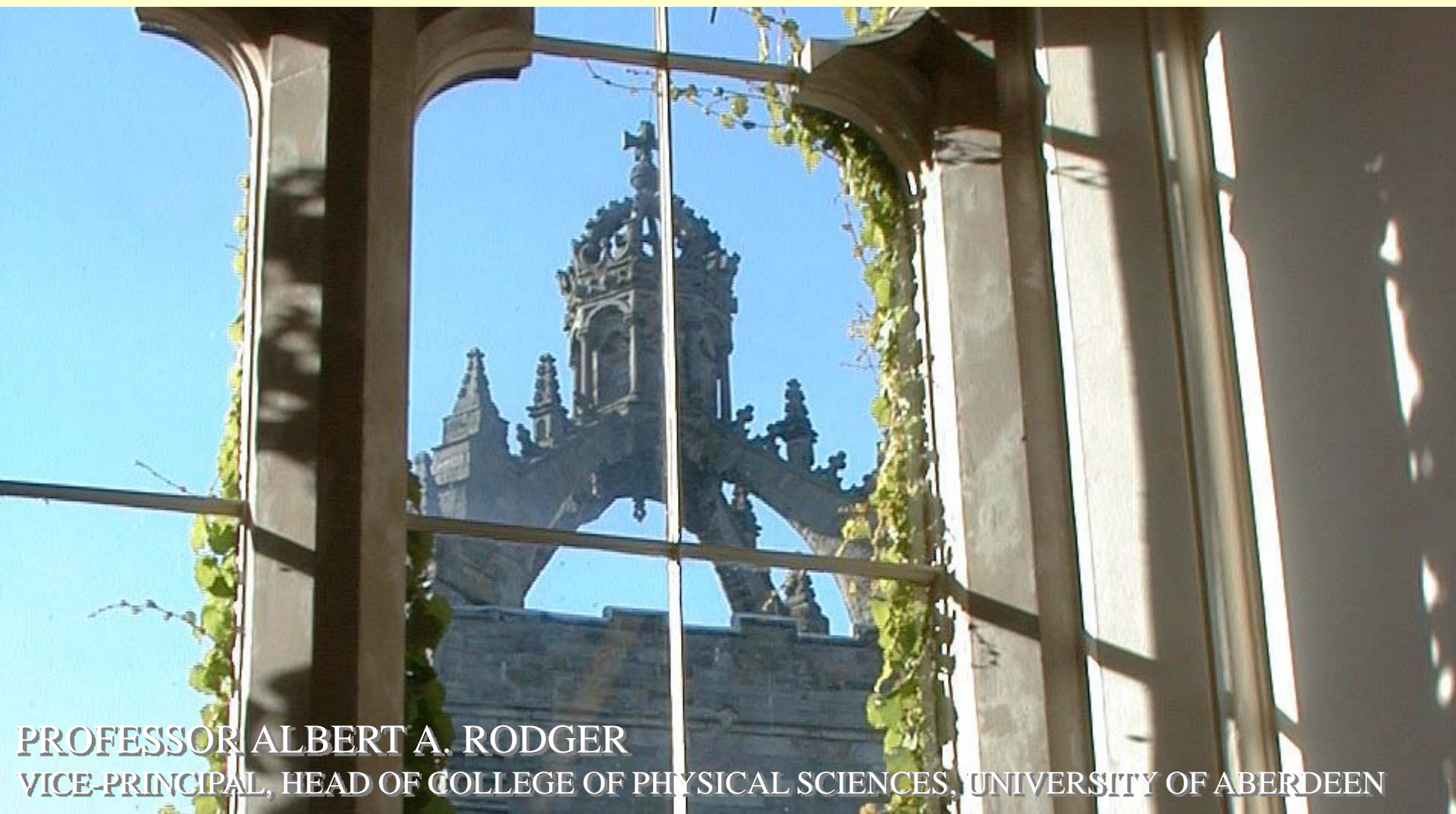


College of Physical Sciences: SENATE REPORT 2008



UNIVERSITY
OF ABERDEEN



PROFESSOR ALBERT A. RODGER
VICE-PRINCIPAL, HEAD OF COLLEGE OF PHYSICAL SCIENCES, UNIVERSITY OF ABERDEEN

Main achievements



- New School structure implemented
- New discipline: Archaeology
110 students; currently featured in Antiquity & European Journal of Archaeology
- Graduate School Admissions Unit created 
- Student recruitment:
Population highest for College at almost 2200;
Major new programmes across all disciplines including Chemical Engineering (9% of intake), Subsea Engineering; 2+2 in Computing Science with South China Normal University. Petroleum Engineering planned for next Session

Challenge: Student home recruitment and retention

Main achievements



- **Infrastructure – refurbishment programme started**
Challenge: Extending refurbishment programme to all College buildings & working in an active construction environment
- **Internationalisation**
Conferences: Artificial Intelligence, Complex Systems, Oceans 2008;
80+ CEO visits; Launches of new initiatives at Offshore Europe & OTC Houston;
New links formed with Japan (bioresources), Mexico, Singapore, US (Energy);
Additional international sixth century appointments including Bremen (Laser Engineering), Wisconsin Madison (Archaeology), UCSB (Engineering) and CUNY (Human Geography)
Challenge: Continuation of Sixth Century recruitment campaign linked to fund raising

Main achievements



Northern Research
Partnership



- Research management: meta-themes, RAE submission
- Engagement in research pooling
Fully engaged in SRPE (lead role – AU income £4m), SAGES, ScotChem. Planned engagement in SUPA, SICSA & ScotGrid. 5 new Joint Research Institutes; 100th KTP recorded; Energy Futures Chair appointed
- Grant income
Major new awards (>£3m) in: Systems Biology; Subsea Drilling; Geoscience Applications in April £31m; most successful year for securing scholarships eg Talisman, Technip, Chevron, Total, Fugro, MCS.
- New Institutes: Transport, Marine Biodiscovery, Subsea

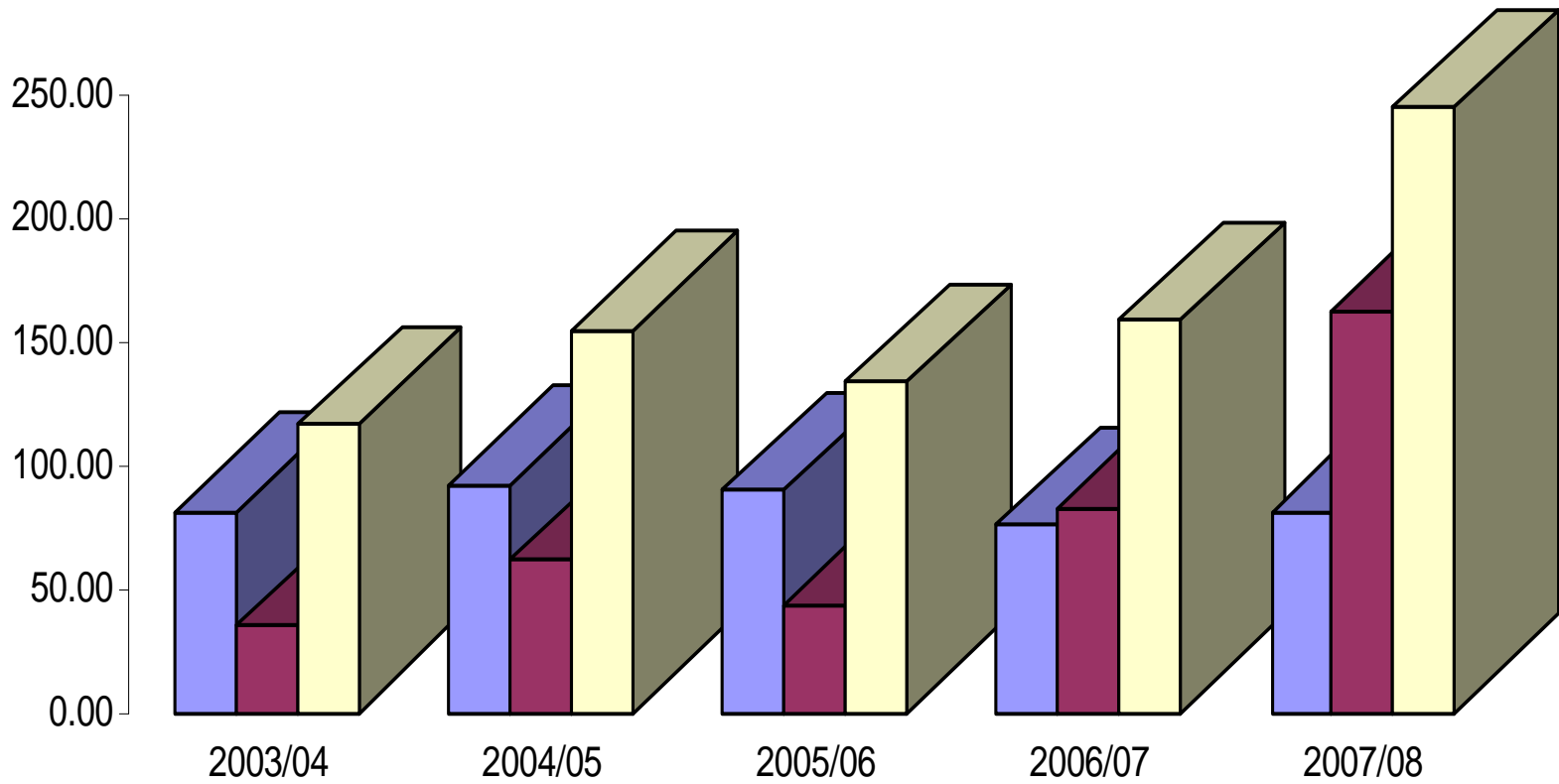


ASPIRATIONS



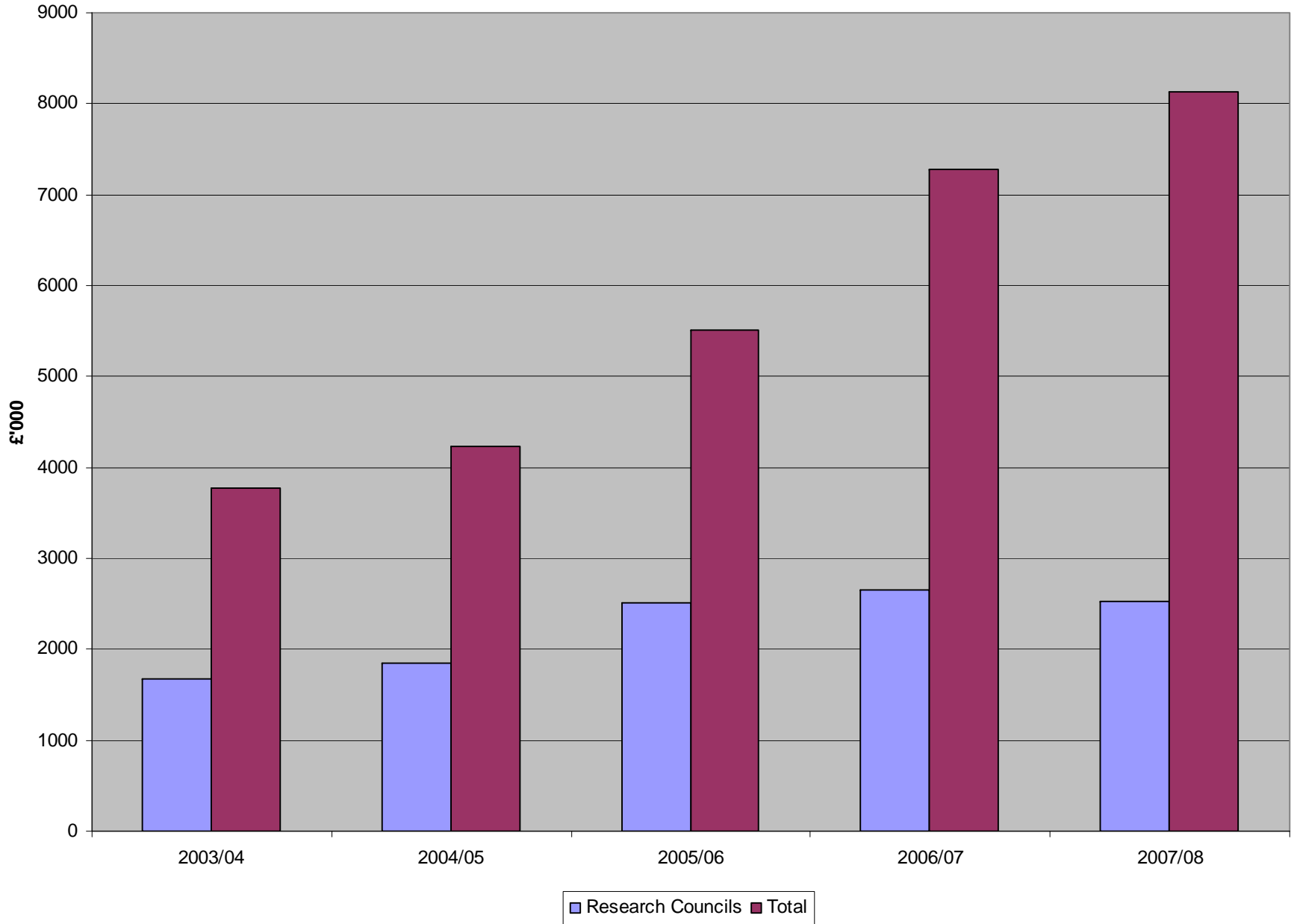
- To be recognised in key areas as having world class excellence
- To develop international partnerships which reinforce the College's claims to excellence
- To complete the full refurbishment of the College buildings
- To create an Institute of Physical Sciences
- To lead and to engage in further research pooling initiatives
- To promote cross-College working especially with reference to Systems Biology/Mathematical Modelling of processes
- To grow and sustain the staffing and student profile to ensure balanced budgets and to underpin our ambitions
- To ensure and enable greater engagement with key industries

College of Physical Sciences Postgraduate Taught FTEs 2003/4 to 2007/8



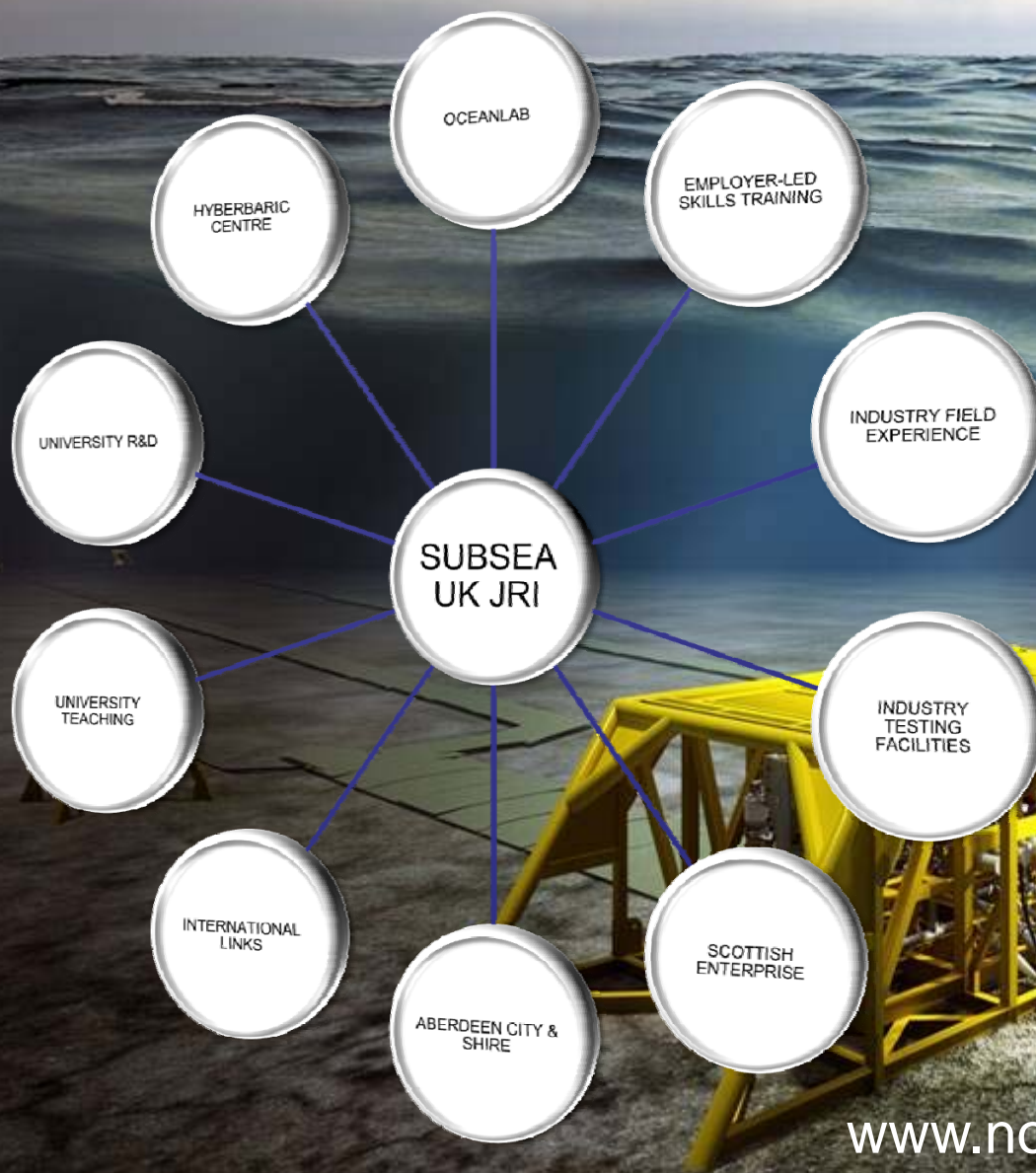
PGT F PGT NF Total PGT

College of Physical Sciences Research Grant Income





National Subsea Research Institute





ITF / SSUK MOU

- Objective – to define and deliver a UK national programme for research, development and implementation of Subsea technology
- Partnership between ITF / SSUK / Northern Research Partnership (NRP)
- Establish a Subsea centre of excellence: The National Subsea Research Institute (NRI)
- First meeting of the Subsea Technology Advisory Group (STAG) – May 26th
- ITF has secured participation of Shell, Maersk, COP, CNR, Venture, Total, Nexen, ChevronTexaco, Talisman, BP, Eon and Expro
- Other SSUK invited participants include Subsea 7, Oil and Gas UK, Technip, FMC, GE Vetco Gray and OT2K
- Announced by Energy Minister at Westminster last week