

Department of Primary Industries and Fisheries

Enhanced Service Delivery

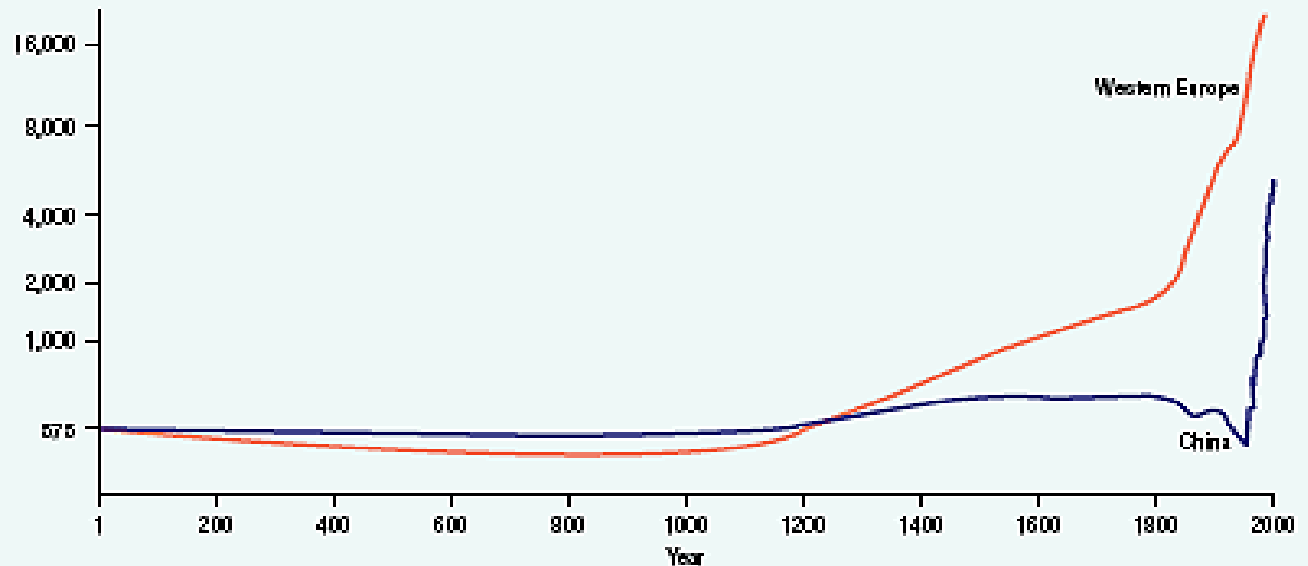
May 08

2. Global trends

Chart 1

GDP per Capita: China and Western Europe, 1–1998 A.D.

2002 dollars



SOURCES: Maddison, Angus (2001), *The World Economy: A Millennial Perspective*, Organisation for Economic Cooperation and Development, p. 42; authors' calculations.

- Living standards of billions of poor worldwide increase
- Urbanisation creates demand for purchased food



Key findings on service delivery

- Most DPI&F staff contacts are with individual primary producers (41%)
- Over 75% of communication is by telephone or email
- About 15 to 20% of staff communication with clients is by face to face contact
- Most DPI&F clients own and use a mobile phone, have internet connection and email
- However, only 63% of those with internet connection use the DPI&F website
- Majority of services delivered (72%) involved the giving or receiving of information

Key findings of focus groups

- Recognised DPI&F's transition to an economic development agency, but there was widespread confusion about what this meant in practice
- All agreed the department had a pivotal role in the establishment and maintenance of strong biosecurity standards
- DPI&F seen as having a significant role in building skills by identifying and contributing to knowledge, best practice and innovation
- Widespread criticism of the lack of technical information on DPI&F's website and belief that modes of communication were stretched beyond their means

The overall picture for DPI&F

LEAD	PARTICIPATE	LINK
<p>Beef Sugar (BSES) Summer grains & pulses Tropical fruit & nuts Subtropical fruit & nuts Tropical vegetables Tropical forestry Integrated tropical pest & disease management Weeds (tropical) Climate change adaptation Modelling & predictive systems</p>	<p>Wheat Cotton Dairy Pigs Poultry Tropical aquaculture Tropical amenity horticulture Fisheries Animal welfare Animal health Plant health Irrigation management Peri-urban landscapes Pastures (farming) New technologies e.g. biotechnology Food science</p>	<p>Winter pulses Oilseeds Barley Rice Sheep Temperate aquaculture Temperate vegetables Temperate fruit & nuts Temperate amenity horticulture Viticulture, wine & grapes Temperate forestry Dryland water use management Salinity</p>



Sale and decommission

HAMILTON (food)

SHERWOOD (biosecurity)

DECEPTION BAY (fisheries)

INDOOROOPILLY (horticulture, forestry, plant)

YEERONGPILLY (biosecurity, animal science)

Brisbane centres of excellence
and supporting facilities

Centre for
Advanced Animal
Science, Gatton



SALISBURY
(new storage)
(\$0.6m)

Queensland
Bioscience
Precinct *(\$2m)*

\$424m & 430 staff

Bribie Island
Research Centre
redevelopment
(\$5m)

Queensland Crop
Development Facility,
Redlands *(\$8m)*

A proposed example –

• **DPI&F leads in beef R&D**

- Development of national plan (participatory process with industry led by DPI&F & MLA)
- R&D audit; major players are DPI&F, NSW DPI, Beef CRC & CSIRO
- New DPI&F investment in Beef R&D through Centre for Advanced Animal Sciences with UQ & Smart State funding
- New DPI&F investment in Animal Health & Biosecurity sciences through Health & Food Precinct at Coopers Plains
- Future prospect - DPI&F invests in extensive beef R&D in partnership with JCU & co-located with CSIRO



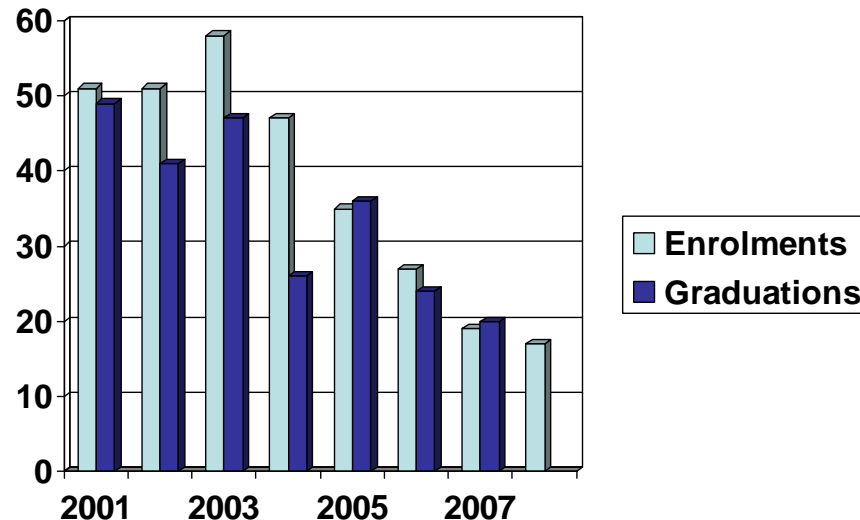
Skills shortage

The number of potential new graduates is declining

- **TAFE** [primary-industry related courses]
As of **31/03/08** only 57.6% of budgeted training time has been delivered. [i.e. 84,185 hour short fall]

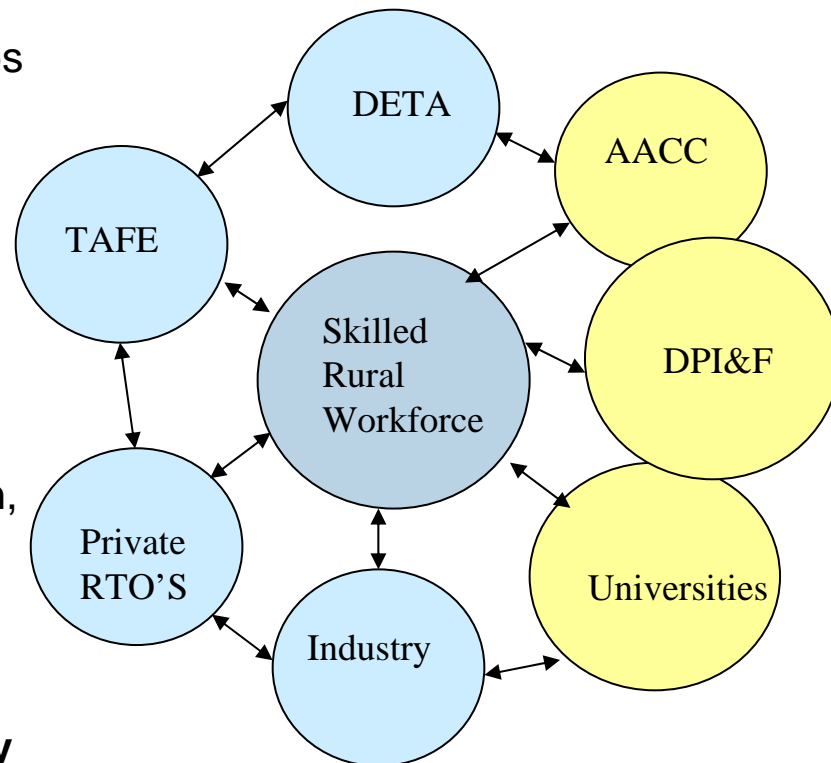
UNIVERSITY

- The University of Queensland [B.AgrSc] - St Lucia & Gatton Campus [data as of April 2008]



The rural workforce value-web

- DPI&F can value add to the currently fragmented agri-innovation landscape
- Our emerging partnerships with universities seek to enhance our discovery capacity, but it also enhances **critical mass in tertiary agri-training**
- Our AACC partnership seeks to **narrow the divide** between extension, VET and applied agri-sciences
- Our industry partnerships will **improve connectivity**



Modified --: Deloitte (2007).