

2018/SOM1/HRDWG/EDNET/009

Agenda Item: 8.2

APRU Update

Purpose: Information Submitted by: APRU



Human Resources Development Working Group Education Network Meeting Port Moresby, Papua New Guinea 28 February – 1 March 2018

APRU Update









We bring together thought leaders, researchers, and policy-makers to exchange ideas and collaborate on effective solutions to the challenges of the 21st century.



Membership

Australia
Australian National University
University of Melbourne
University of Sydney
UNSW Sydney

Canada
University of British Columbia

Chile
University of Chile

China & Hong Kong SAR
The Chinese University of Hong Kong
Fudan University
Hong Kong University of Science
and Technology
Nanjing University
Peking University
Tsinghua University
The University of Hong Kong
University of Science and
Technology of China
University of Chinese Academy of
Sciences
Zhejiang University

Chinese Taipei
 National Taiwan University
 National Tsing Hua University

Indonesia
University of Indonesia

Japan
Keio University
Nagoya University
Osaka University
Tohoku University
University of Tokyo
Waseda University

Korea
Korea University
KAIST
Pohang University of Science
and Technology
Seoul National University
Yonsei University

Malaysia
University of Malaya

Mexico Monterrey Institute of Technology and Higher Education

New Zealand University of Auckland

Philippines
University of the Philippines

Russia Far Eastern Federal University

Singapore Nanyang Technological University National University of Singapore

Thailand Chulalongkorn University

California Institute of Technology
Stanford University
University of California, Berkeley
University of California, Davis
University of California, Irvine
University of California, Los
Angeles
University of California, San
Diego
University of California, Santa

University of Hawai'i at Mānoa University of Oregon University of Southern California University of Washington



Barbara

APRU's Strategic Development

Inaugural Phase

- Big Science advisor
- Interface with APEC leaders
- Collaboration in research

Located in **Los Angeles**

Collegial Phase

- Established International Secretariat
- Started network events
- Involved VPs and Senior Int'l Officers

Relocated to **Singapore**

Strategic Priorities

Program hubs

- Higher Education and Research
- Asia-Pacific & Global Leaders
- Partnering on Solutions to Asia-Pacific Challenges

Global Policy Impact

- Impact & Advocacy across Asia-Pacific
- Engagement with policymakers, businesses and communities

Relocated to **Hong Kong**

1997 2000 2012 2016 2020









THE PACIFIC RIM— AT THE HEART OF GLOBAL CHALLENGES

Pacific Ocean
Multi-Hazards
Global Health
Population Aging
Gender Equity and Diversity
Sustainable Cities and Landscapes
Digital Economy

APEC Knowledge Partner



Scholars and Academic Experts

Asia Pacific White Papers – Policy Foresight

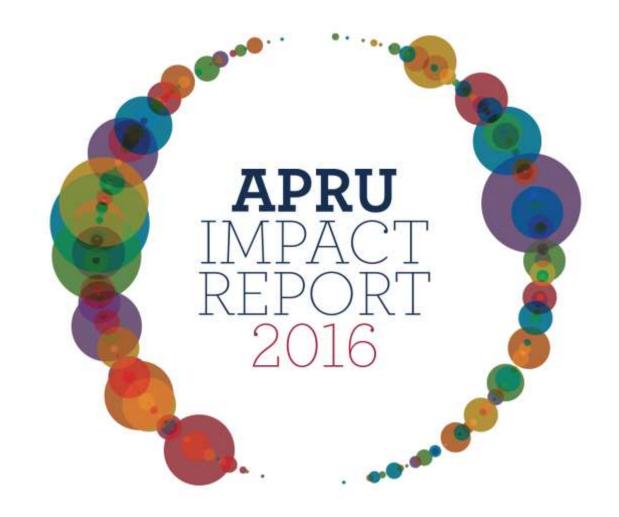
Best Practice Sharing

- APEC University Leaders Forum
- APEC Education Strategy
- APEC Quality Assurance
- APEC Guiding Principles for Research Integrity

- APEC Labor Mobility
 Framework
- APEC Project DARE
- APEC Healthy Women, Healthy Economies



APRU Impact Report





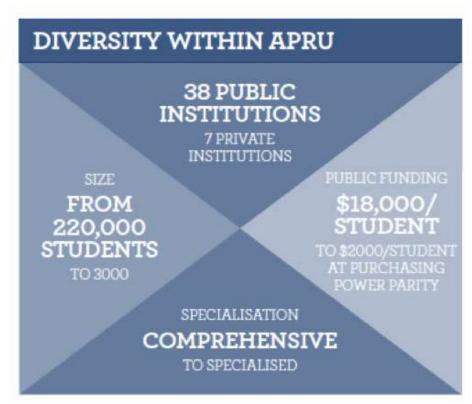
1st APRU Impact Report 2016



Evidence base for leading research universities' contribution to the Asia-Pacific's challenges

APRU member universities' expertise in key field of research and education

Resource for **outreach and advocacy**





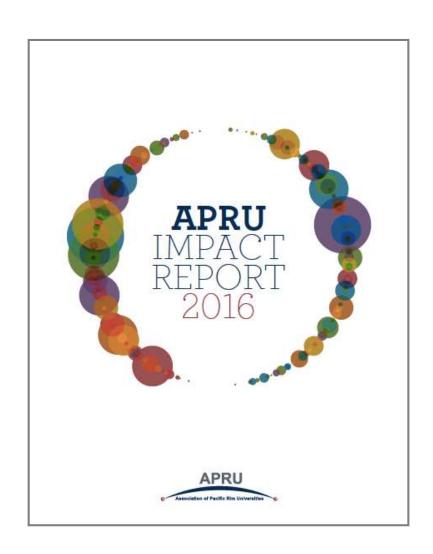
1st APRU Impact Report - 2016

The report found that APRU universities:

- Exceed global and Asia-Pacific regional averages in knowledge creation and research
- Project impact nationally and internationally through diverse ranges of roles
- Bring the strength of diversity to solving global challenges
- Boost research quality through international collaborations

Download report at http://apru.org/press/publications





Next APRU Impact Report - 2018



Focus on the social sciences and humanities featuring models for interdisciplinary collaboration with STEM.

Demonstrating value of interdisciplinary collaboration and of partnership working to address regions complex issues

Case studies and metrics showcase relevance, impact and reach

Introduction at next possible Working Group Meetings



APEC University Leaders' Forum

The Fourth Industrial Revolution

Da Nang, Vietnam

Scope latest thinking on the Fourth Industrial Revolution among APEC leaders in higher education

Build partnerships for policy-development and capacity-building in the region

- Sustainability, Big Data and Asia-Pacific Challenges
- Employment, Data Science and Artificial Intelligence

Announcement supporting data analytics skills development

Launch of APEC Education Strategy Action Plan



THE FOURTH INDUSTRIAL REVOLUTION





APRU Commitment to support APEC Skills & Education Development



APRU partnering with Project DARE

Actively facilitate development of a data-analytics enabled workforce across the APEC region to effectively support sustainable economic growth

APRU support launch of APEC Education Strategy Action Plan

Strategic approach to the development and implementation of evidence based education projects and initiatives to inform policy

New model for multilateral education development



APRU Digital Economy

Defining our Digital Futures

Al for everyone: benefitting from and building trust in the technology

- access to the benefits of AI
- build awareness about the nature of the technology
- develop responsible governance of the technology and its evolving process

Inform discussion among researchers, policy makers and civil society by providing insights and policy foresight

Project funded by Google





APRU Digital Economy

Defining our Digital Futures

Transformation of Work in Asia Pacific in the 21st Century

- understand digital technology/ automation challenges and benefits in relation to the future of work
- publish and widely disseminate a datadriven study with key focus on APAC region

Actively inform the discussion among researchers, policy makers and civil society on possible direction and solutions to address challenges

Project funded by Google





APRU Population Aging

Preparing for Aging Populations

The Impact of Demographic Change on Labour Supply and Economic **Growth: Can APEC Meet the Challenges Ahead?**

supporting the development of an APEC Labour Mobility Framework in 2017

Population Aging and Technology: shaping the Labour Market in Asia

- working paper for the ADB
- leading into longer term, large scale investigation









Workshop on the Development of an APEC Labour Mobility Framework

Programme

Saturday 18 & Sunday 19 February 2017 . Intercontinental Hotel, Nha Trang, Vietnam



Today's challenges are too complex to solve alone...

...acting together there's almost no limit to what we can accomplish

