



AHEIA

Challenges facing the Sector

Professor Aidan Byrne

11 May, 2018

Challenges

- University Budget model.

- **Near Term Challenges:**

- Exposure to International student volatility
- Federal government disengagement

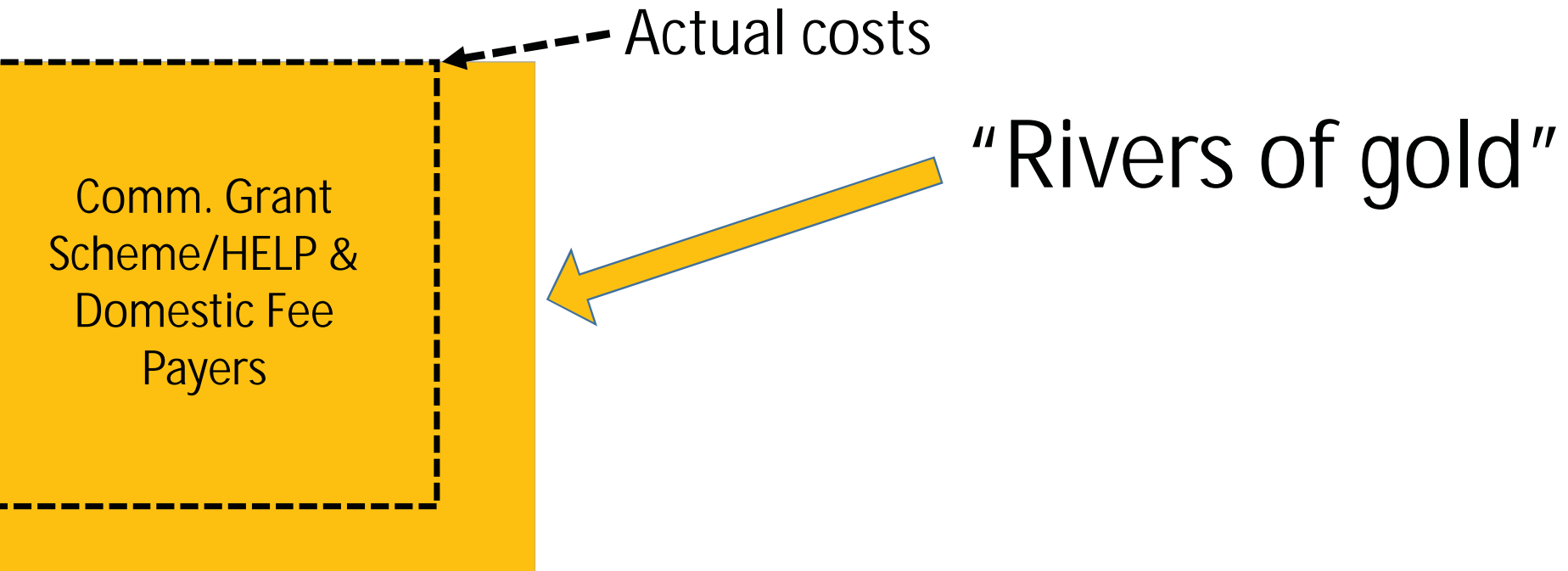
- **Middle term Challenges:**

- Big Data
- Big publishers
- Rise of the Impact and Engagement agenda

- **Longer term Threats:**

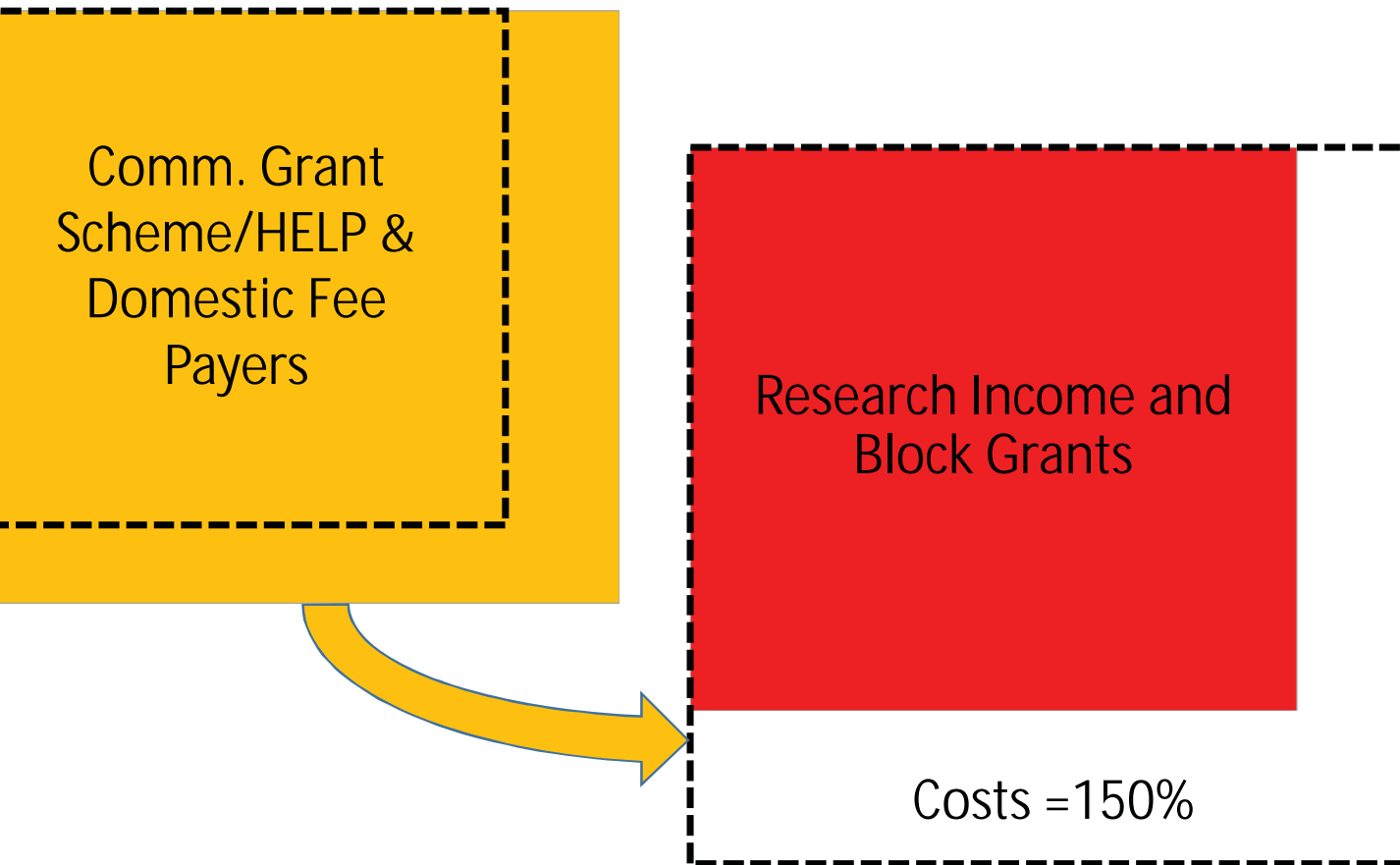
- What is the relevance of a University in 2030?

University Budget model UNI101

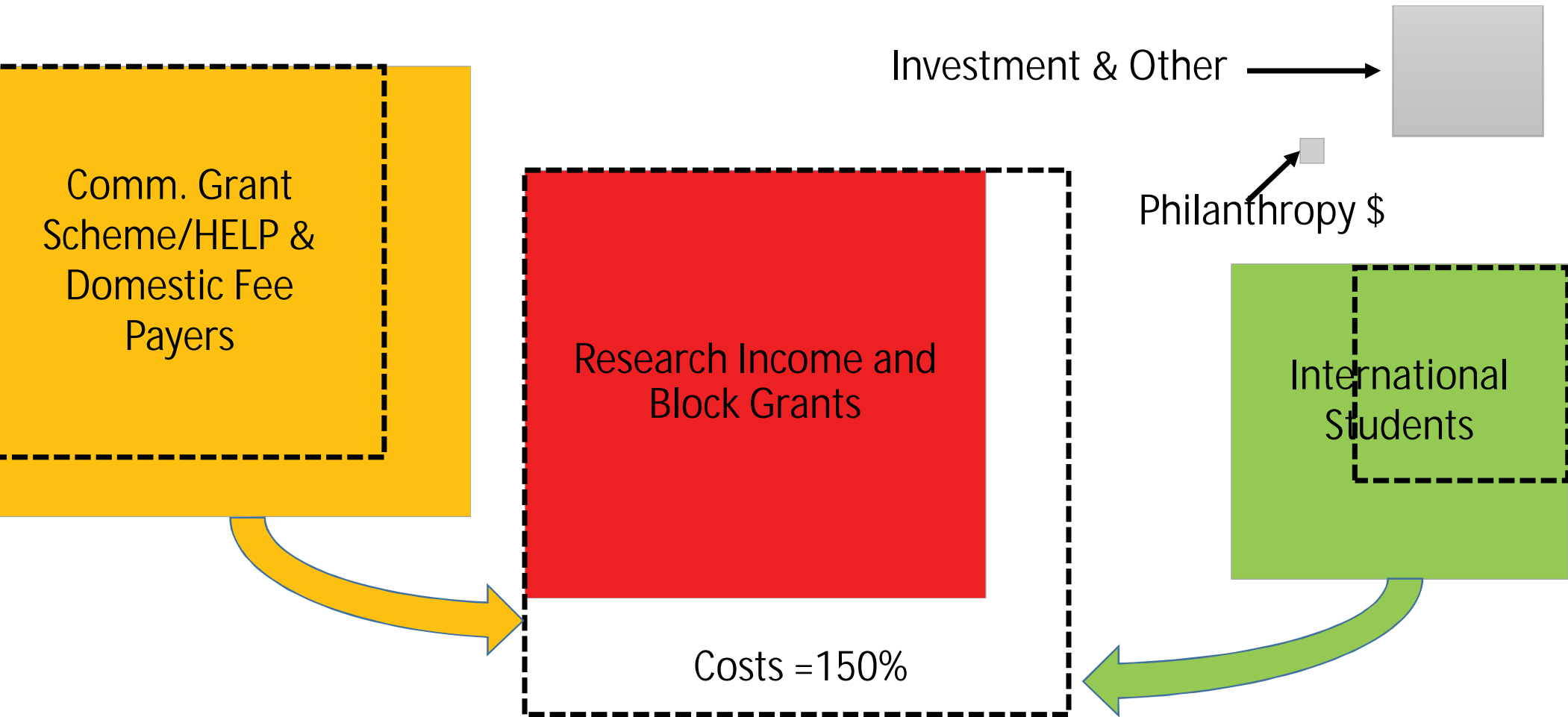


Income exceeds costs of delivery!

University Budget model (Old model)



University Budget model (Research Intensive)



Challenges

- University Budget model.
- Near Term Challenges:
 - Exposure to International student volatility

So what if....?

- Scenario #1

- “Trump Scenario”:



COVFETE = Chinese Offended, Virtually Full Elimination of Foreign Experiences
– a 100% reduction in first year students from China



Donald J. Trump

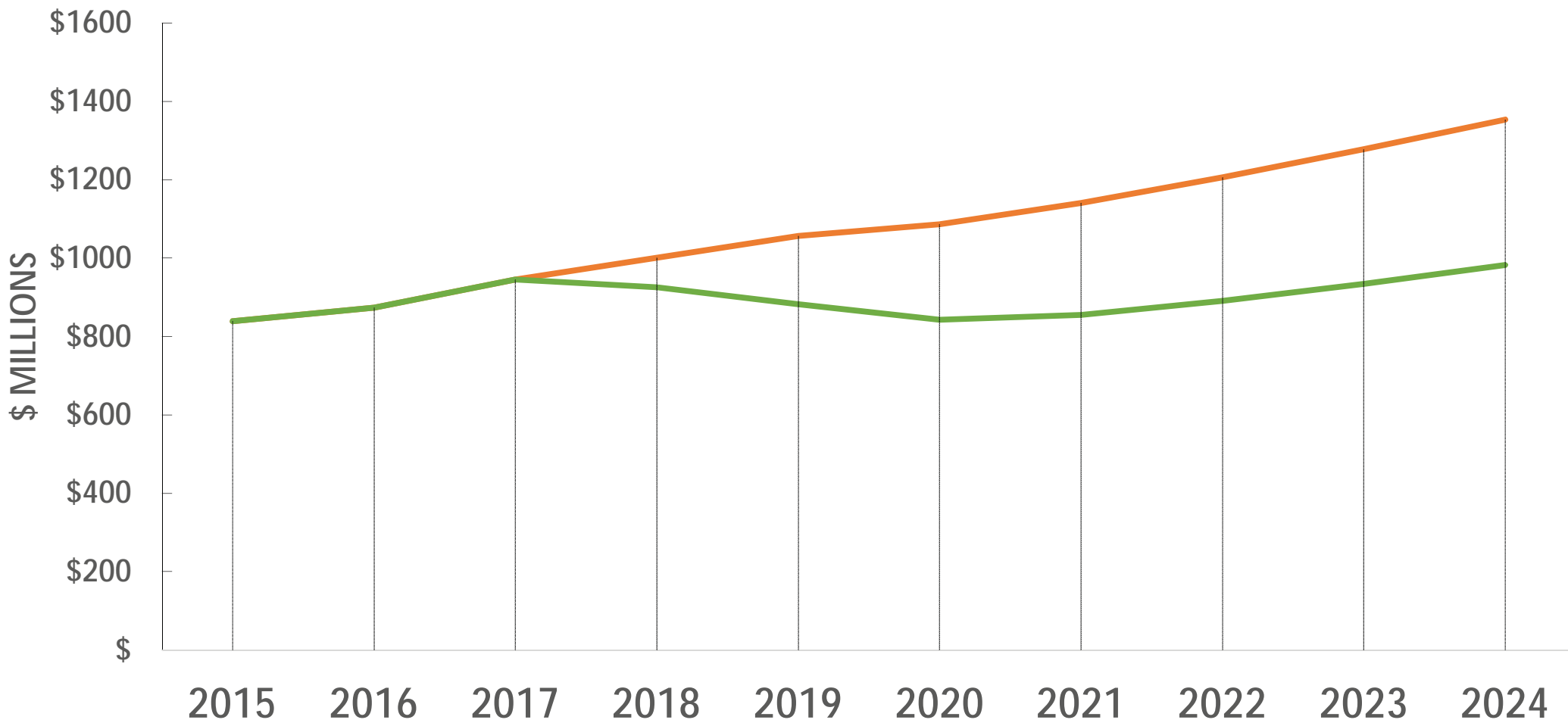
@realDonaldTrump

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...they do NOTHING for us with North Korea just talk. We will no longer allow this to continue. China could easily solve this problem!

4:35 PM - 29 Jul 2017

Scenario 1 (COVFEFE): Chinese intake down by 100% in 2018

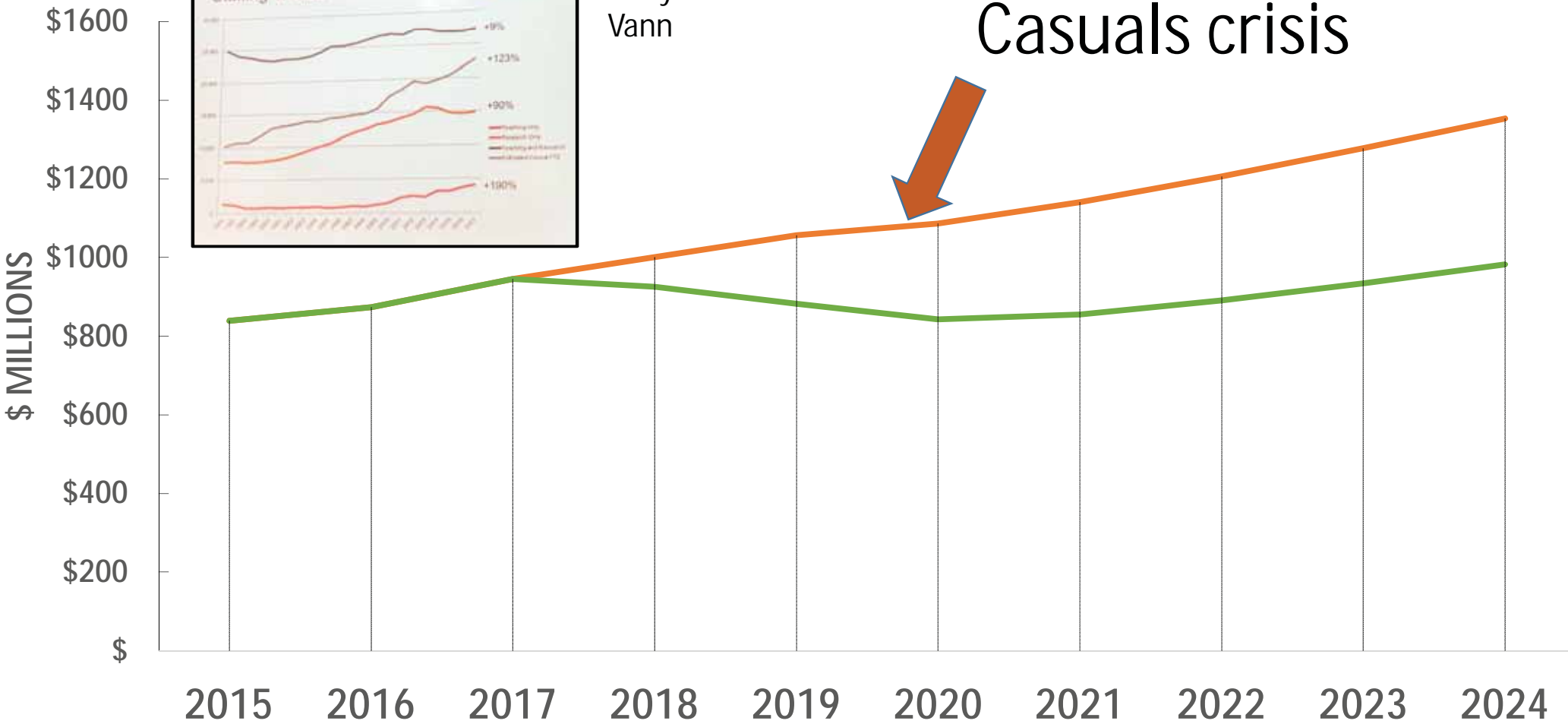


Scenario 1 (COVFEFE): Chinese intake down by 100% in 2018



Andy Vann

Casuals crisis



So what if....?

- Scenario #2

- “Chinageddon” Scenario:

National emergency - **All** Chinese students are called back to China

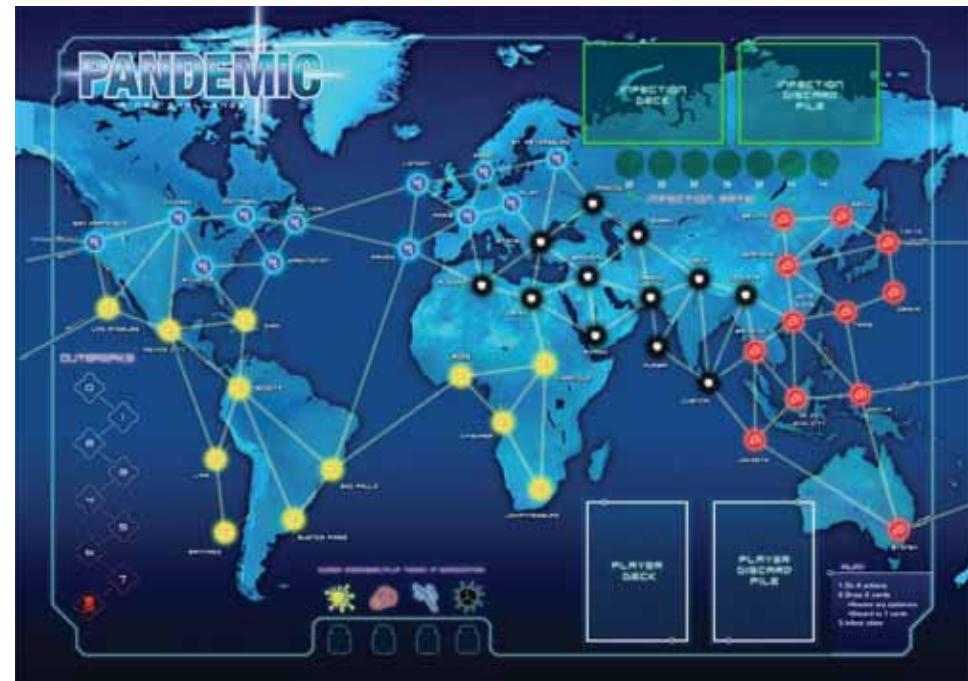


So what if....?

Scenario # 3

Pandemic Scenario:

Total ban on international travel; no new international students commence in 2018, but then enrolments return to 'normal' from 2019 onwards



So what if....?

• “Trump Scenario”:

COVFETE = Chinese Offended, Virtually Full Elimination of Foreign Experiences
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• Chinageddon Scenario:

National emergency - All Chinese students are called back to China

• Pandemic Scenario:

Total ban on international travel; no new international students commence in 2018,
but then enrolments return to ‘normal’ from 2019 onwards

Challenges

- Federal government disengagement

- **Middle term Challenges:**

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- What is the relevance of a University in 2030?

Ernst & Young Report

Can the universities of today lead learning for tomorrow?

The University of the Future

Snapshot of Australia's higher education sector (2016)

Industry snapshot



Revenue	\$30.1 billion
Surplus	\$1.6 billion
Students	1.4 million
Employees	100,000
Universities	43
Growth rate 2000-2015	5.4%

Source: EY Value Analysis

Market snapshot



62%
Domestic students



24%
International students



14%
Research markets

Product snapshot



58%
Undergraduate degrees and programs



25%
Post-graduate degrees and programs



15%
Research



2%
Other courses

2. Australian Bureau of Statistics

3. Australian Department of Education and Training, November 2016



Lucille Halloran
Managing Partner,
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and Public Sector,
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Catherine Friday
Partner, Oceania
Education Leader,
Ernst & Young Australia

http://www.ey.com/au/en/industries/government---public-sector/uof_future_challenges-for-universities

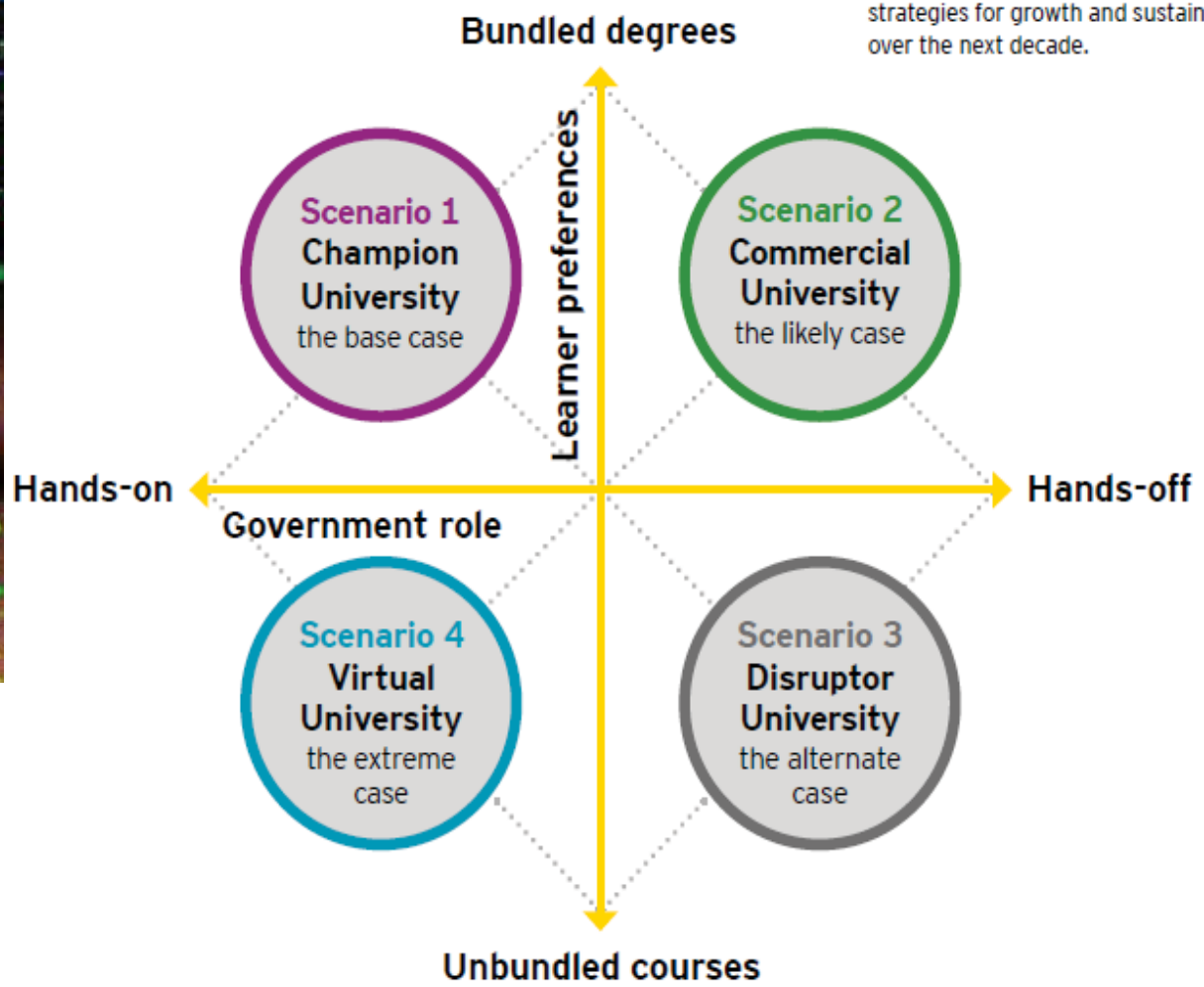


Can the universities of today lead learning for tomorrow?

The University of the Future

Ernst & Young Report

strategies for growth and sustain over the next decade.



Lucille Halloran
 Managing Partner,
 Oceania Government
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 Ernst & Young Australia

Catherine Friday
 Partner, Oceania
 Education Leader,
 Ernst & Young Australia

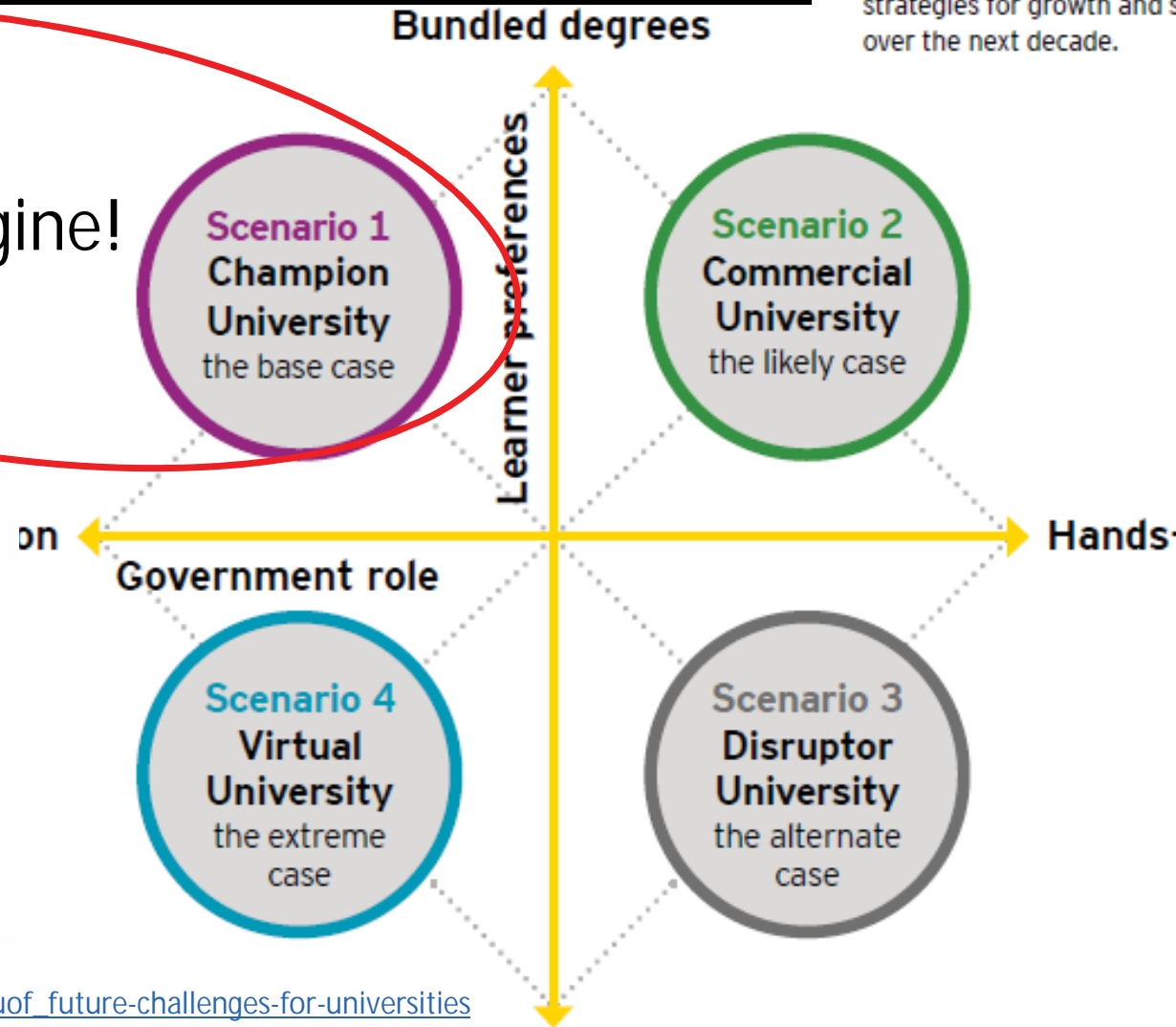
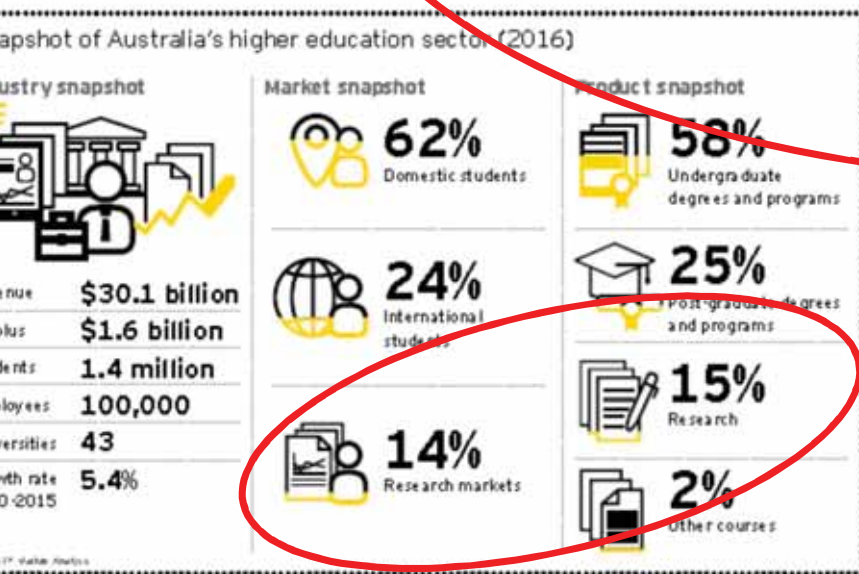
http://www.ey.com/au/en/industries/government---public-sector/uof_future-challenges-for-universitie

Challenges

Ernst & Young Report

strategies for growth and
over the next decade.

Australia's
research engine!



Challenges

- Federal government disengagement

- Middle term Challenges:

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- Longer term Threats:

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Big Data

- Universities need to be taking lead.
 - Internally and externally
 - “Data literacy is the new Statistics”.



Challenges

- Middle term Challenges:

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- What is the relevance of a University in 2030?

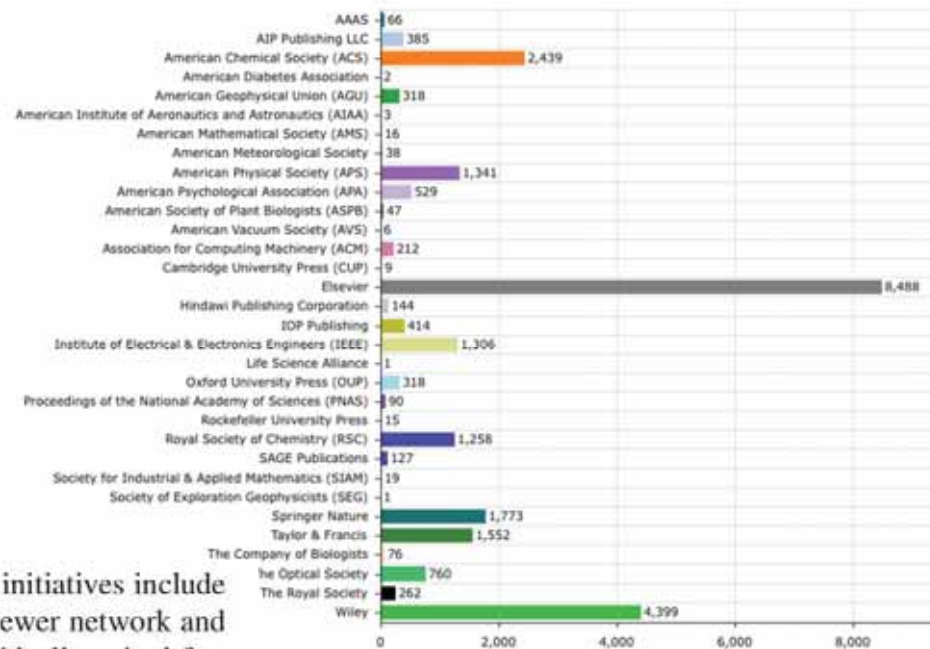
Big Publishers

Control over academic publishing.

- No solution to the “Open access” agenda
- Escalating costs to universities
- Low value Open Access journals

Publishers

Data below represents articles from Publisher Members reporting on research funded by the agency



Springer Nature: Strategy: Capitalize on our Leading Position in OA

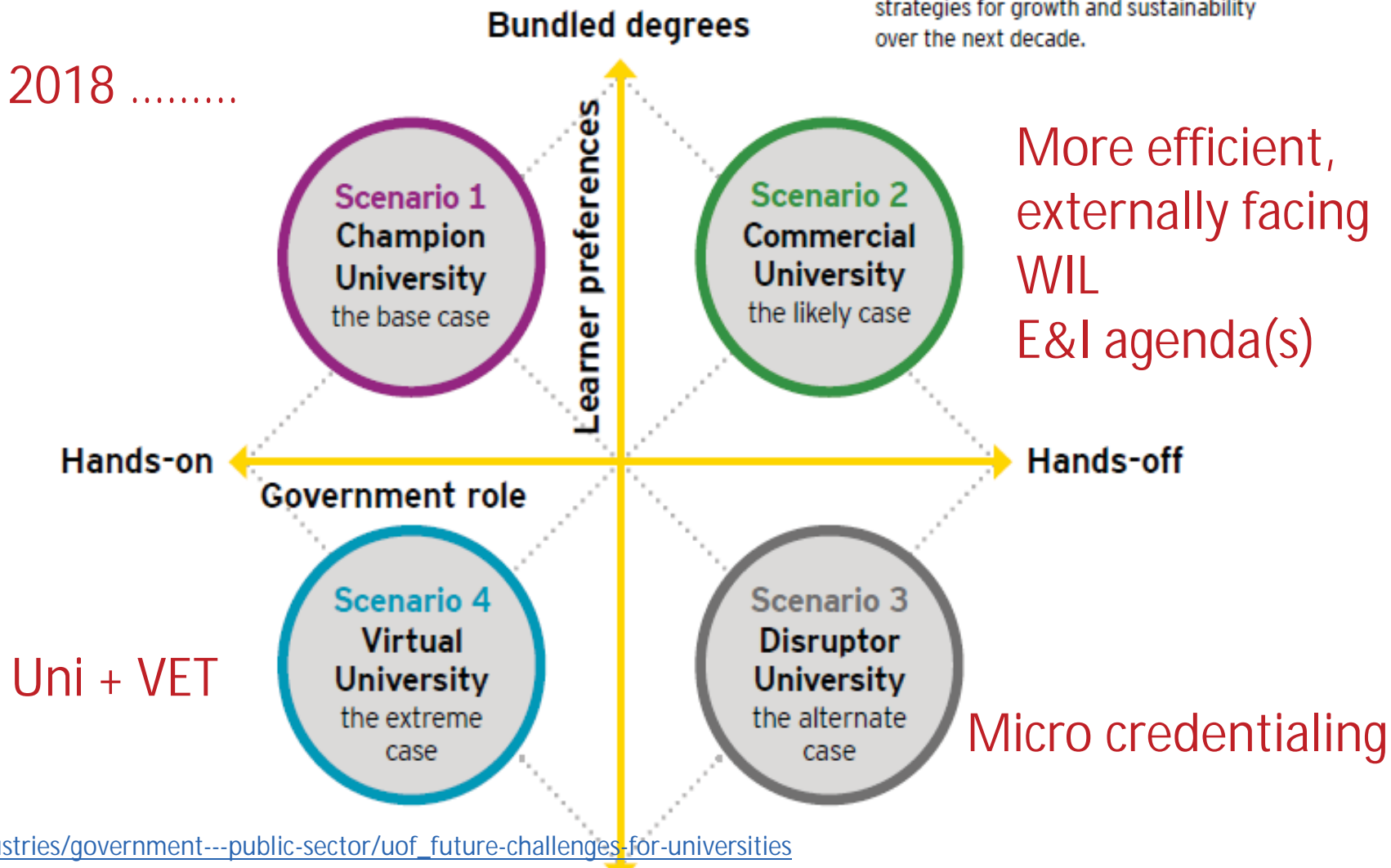
We aim at achieving our target acceptance rate through a number of initiatives. These initiatives include increasing the speed and quality of our acceptance process and further enhancing our peer reviewer network and support system and more aggressively pursuing the transfer of articles submitted to, but not ideally suited for, our publications. We also aim at increasing APCs by increasing the value we offer to authors through improving the impact factor and reputation of our existing journals. Further, we intend to employ a price differentiation strategy by tailoring APCs to the discipline and impact factor of the relevant journal, taking advantage of the high number of journals in our portfolio with a high impact factor.

Challenges

Ernst & Young Report


strategies for growth and sustainability over the next decade.

Budget 2018



Future Threats

- University no longer source of **Policy Advice**



Can the universities
of today lead learning
for tomorrow?

The University of the Future

Ernst & Young Report

GRATTAN
Institute

Independent, rigorous and practical solutions
to Australia's most pressing problems.



Dropping out: the benefits and costs
of trying university

REPORT

By Andrew Norton and Itina Choudhury

More than 50,000 students who started university
in Australia this year will drop out. Part-time
students are particularly at risk. Policy makers
should do more to reduce the number of young
people who leave university with nothing but debt
and regret.



LOWY INSTITUTE

FEATURED

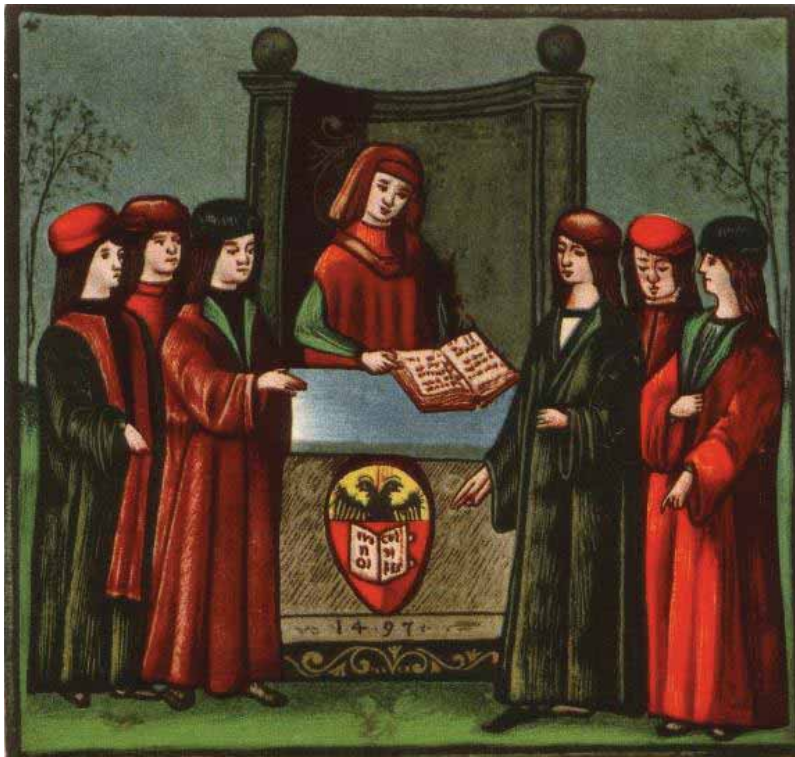
SAFEGUARDING AUSTRALIA'S SECURITY
INTERESTS THROUGH CLOSER PACIFIC TIES

READ MORE

LATEST RESEARCH [MORE PUBLICATIONS >](#)

Future Threats

- University no longer **Repository of Knowledge**



University of Bologna
1088

https://en.wikipedia.org/wiki/University_of_Bologna

Future Threats

- University no longer source of **Skills Training**

toptechboy



RASPBERRY PI WITH LINUX LESSONS

Model 2 Raspberry Pi

As much as we love the Arduino, we all reach the day that we need more horsepower in our projects. When you reach this point, reach out and grab yourself a Raspberry Pi. The lessons below will have you up and going on the Pi in no time.

[Raspberry Pi with Linux LESSON 1](#). Introduction to the



RECENT POSTS

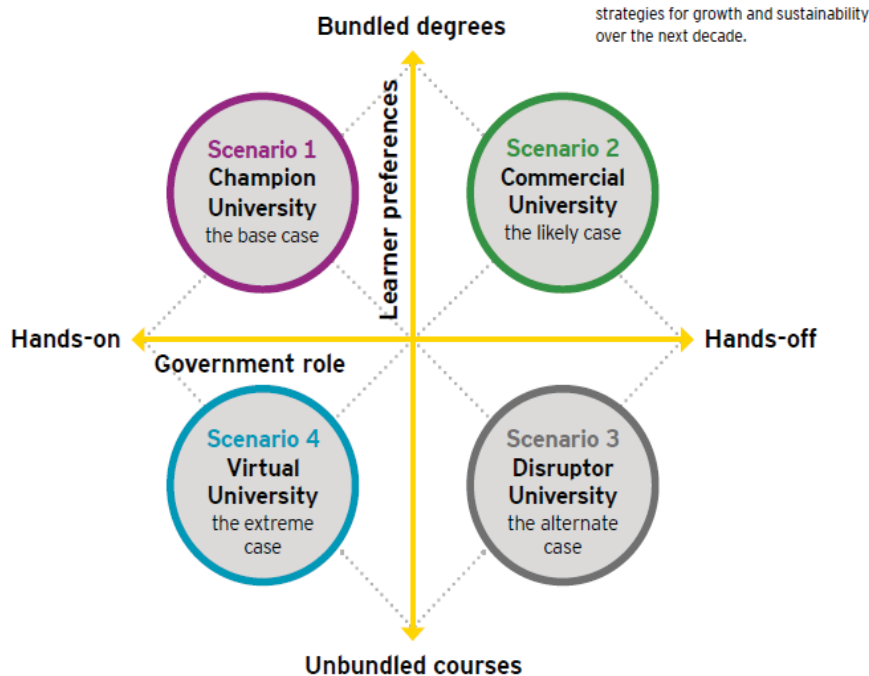


YouTube



Future Threats

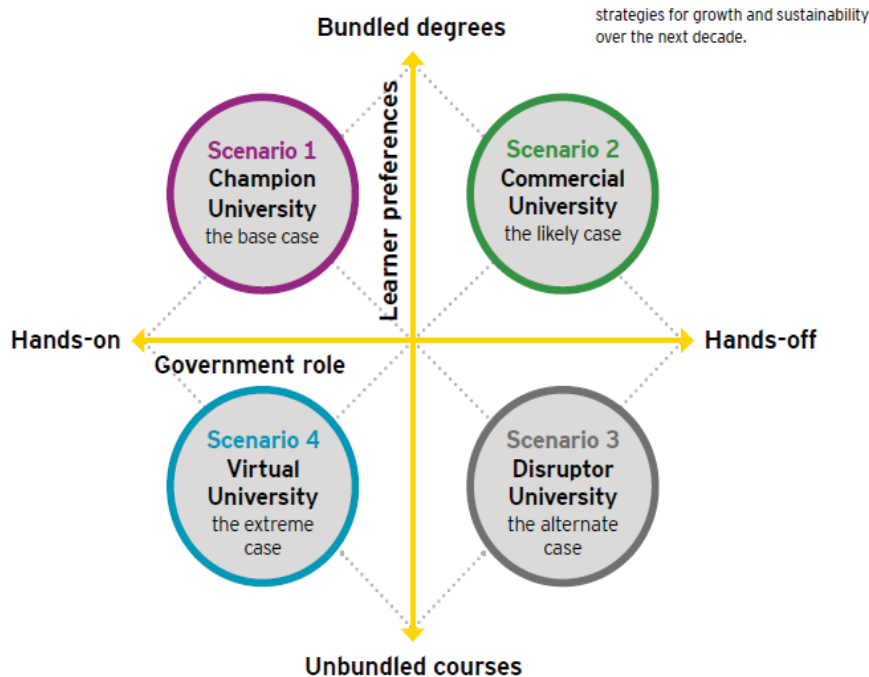
- University no longer **Repository of Knowledge**
- University no longer source of **Policy Advice**
- University no longer source of **Skills Training**
- What are Universities for?



Disruptor or
Disrupted?

Future Threats

- University no longer **Repository of Knowledge**
- University no longer source of **Policy Advice**
- University no longer source of **Skills Training**
- What are Universities for?



Disruptor or
Disrupted?

Hawera & Normanby Star
PATEA COUNTY CHRONICLE AND WAIMATE PLAINS GAZETTE.

paperspast.natlib.govt.nz