AIEC: Measuring Impact

Duncan Ross
@duncan3ross
Chief Data Officer, THE

Question for the audience…

To what extent does environmental sustainability drive the strategy and shape the operations at your institution/organisation?

Understanding universities across the world

Young Universities

Reputation

Geographical

Subjects

Objectives

- Understand how universities are making a positive impact on our world

- Show how the Higher Education sector is working towards the UN Sustainable Development Goals

- Showcase aspects of university performance not covered in other rankings

- Be fair to universities across the world
    - Recognise that we bring our biases to the process
    - Be committed to improving the rankings year by year

What aspects of impact are we exploring?

- **Research**
  - Research impacts the world by giving us the direction of travel, by helping us to understand how and why to make changes, and by putting this in the context of our beliefs and societies

- **Stewardship**
  - How we use our resources, fairly and equitably, shapes our impact on the world

- **Outreach**
  - Working directly with our communities and nations directs our impact within the wider context of society, and amplifies the work we do

- **Teaching**
  - Teaching the next generation to adopt sustainability in their lives
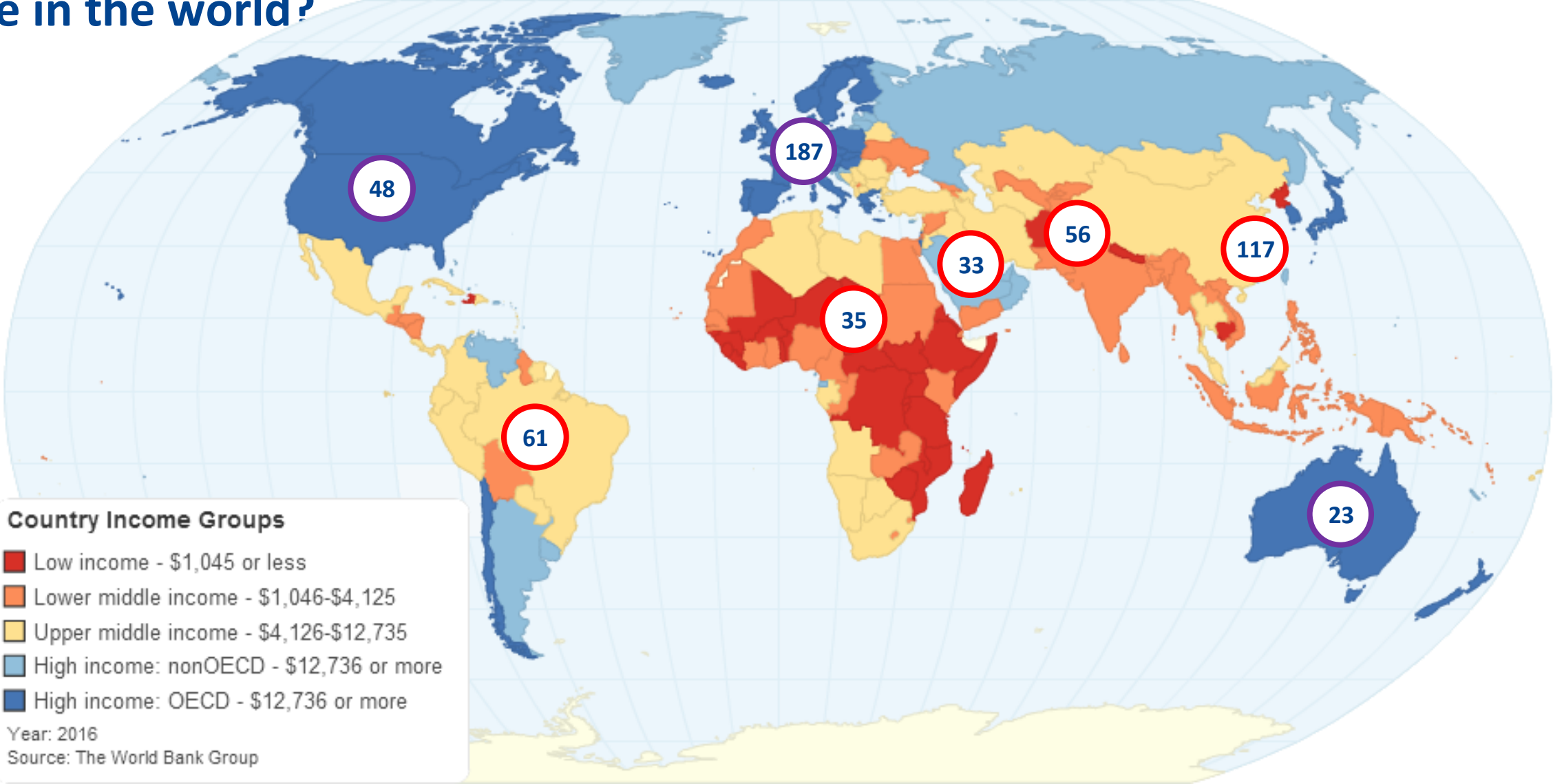
NEW 2020

THE UNIVERSITY IMPACT RANKINGS

THE

2019
561 universities submitted data

Where in the world?

Country Income Groups

- ■ Low income - $1,045 or less
- ■ Lower middle income - $1,046-$4,125
- ■ Upper middle income - $4,126-$12,735
- ■ High income: nonOECD - $12,736 or more
- ■ High income: OECD - $12,736 or more

Year: 2016
Source: The World Bank Group

48 · 187 · 56 · 117 · 33 · 35 · 61 · 23

THE UNIVERSITY IMPACT RANKINGS

Most frequently submitted to:

1. Partnerships
2. Education
3. Health
4. Innovation
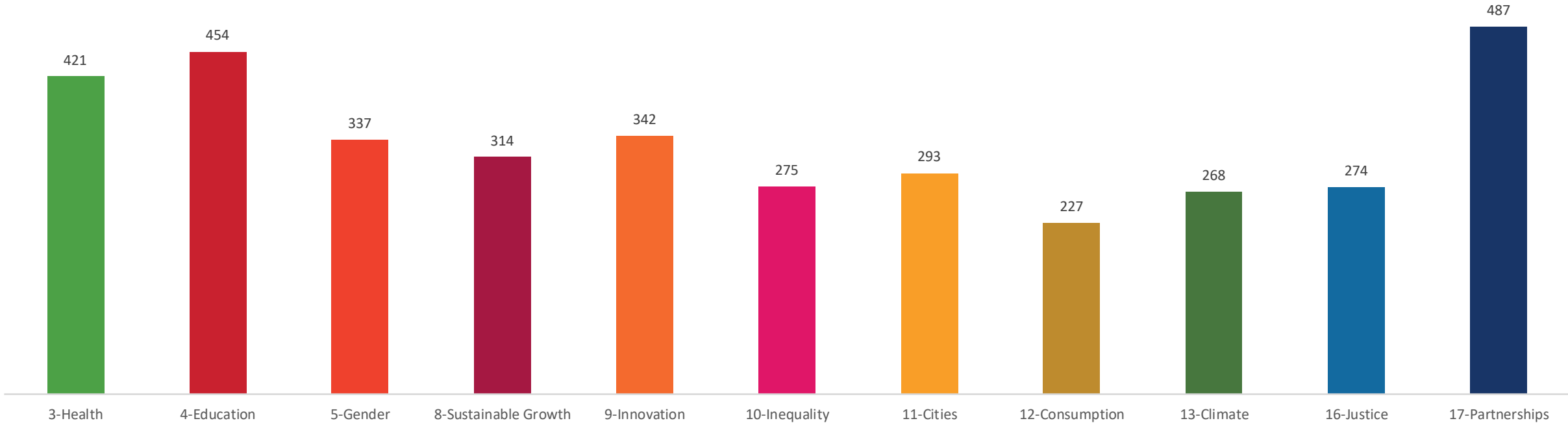
Universities from developing countries in Top 20

3 GOOD HEALTH AND WELL-BEING

#17 Iran University of Medical Sciences, Iran

10 REDUCED INEQUALITIES

#5 University of Johannesburg, South Africa
#10 University of the Western Cape, South Africa

4 QUALITY EDUCATION

#2 Universiti Sains Malaysia, Malaysia
#6 Iran University of Medical Sciences, Iran
#16 Metropolitan Autonomous University, Mexico

11 SUSTAINABLE CITIES AND COMMUNITIES

#4 Abdullah Gül University, Turkey

**8 DECENT WORK AND ECONOMIC GROWTH**
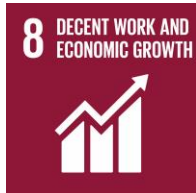
#9 Bucharest University of Economic Studies, Hungary
#14 International University of Sarajevo, Bosnia and Herzegovina
#16 Voronezh State University, Russia

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

#16 JSS Academy of Higher Education and Research, India

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

#14 Lomonosov Moscow State University, Russian Federation

16 PEACE, JUSTICE AND STRONG INSTITUTIONS
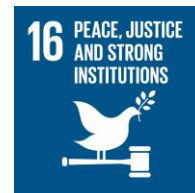
#2 Rostov State University of Economics, Russia
#8 University of Indonesia, Indonesia
#16 Koç University, Turkey
#17 National Autonomous University of Mexico, Mexico

THE UNIVERSITY IMPACT RANKINGS

Oceania

Country Income Groups

- ■ Low income - $1,045 or less
- ■ Lower middle income - $1,046-$4,125
- ■ Upper middle income - $4,126-$12,735
- ■ High income: nonOECD - $12,736 or more
- ■ High income: OECD - $12,736 or more

Year: 2016
Source: The World Bank Group
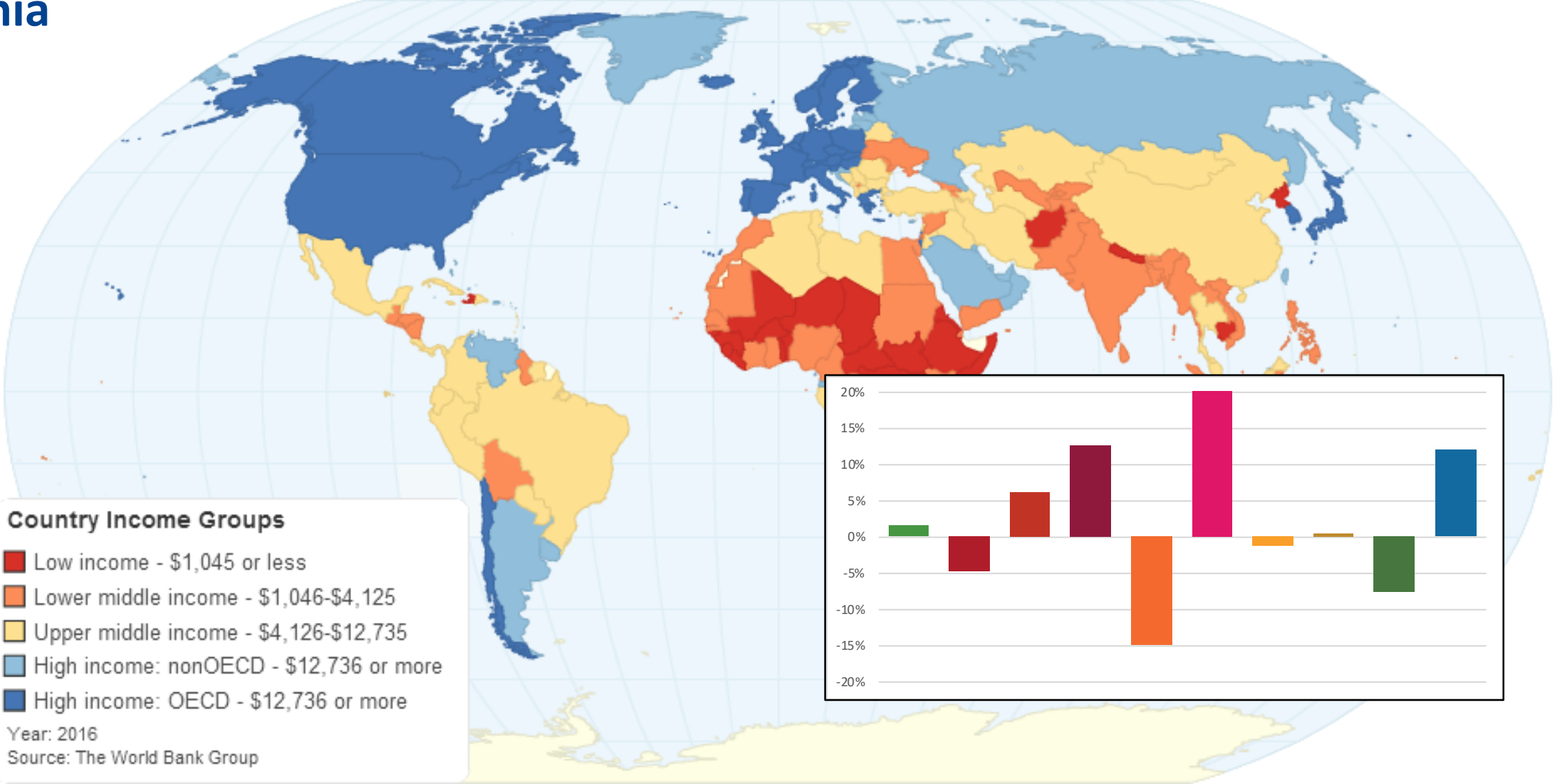
Universities acting to address climate issues, through research, low carbon use, and education

	Metric	Type	Data source	Area	Percentage
13.i	Research	Continuous	Elsevier	Research	7
13.ii	Low carbon energy use	Continuous	University	Stewardship	5
13.iii	Environmental Education including Disaster Planning	Picklist	University	Outreach	7
13.iv	Commitment to carbon neutral university (by 2030, 2040, 2050)		University	Stewardship	7

2020

| KeyPhrases	Rank	Prominence Percentile
climate change, models, models SDMs	205	99.79
Climate change, integrated assessment, climate	276	99.71
vulnerability assessments, climate change, adaptation	314	99.67
climate change, crop models, crop	376	99.61
tundra, permafrost thaw, permafrost	473	99.51
spring phenology, NDVI, phenology	510	99.47
climate, scientific consensus, climate change	540	99.44
tree mortality, drought stress, drought	575	99.40
heat-related mortality, Temperature, Hot Temperature	703	99.27
extreme event, temperature, precipitation indices	787	99.18
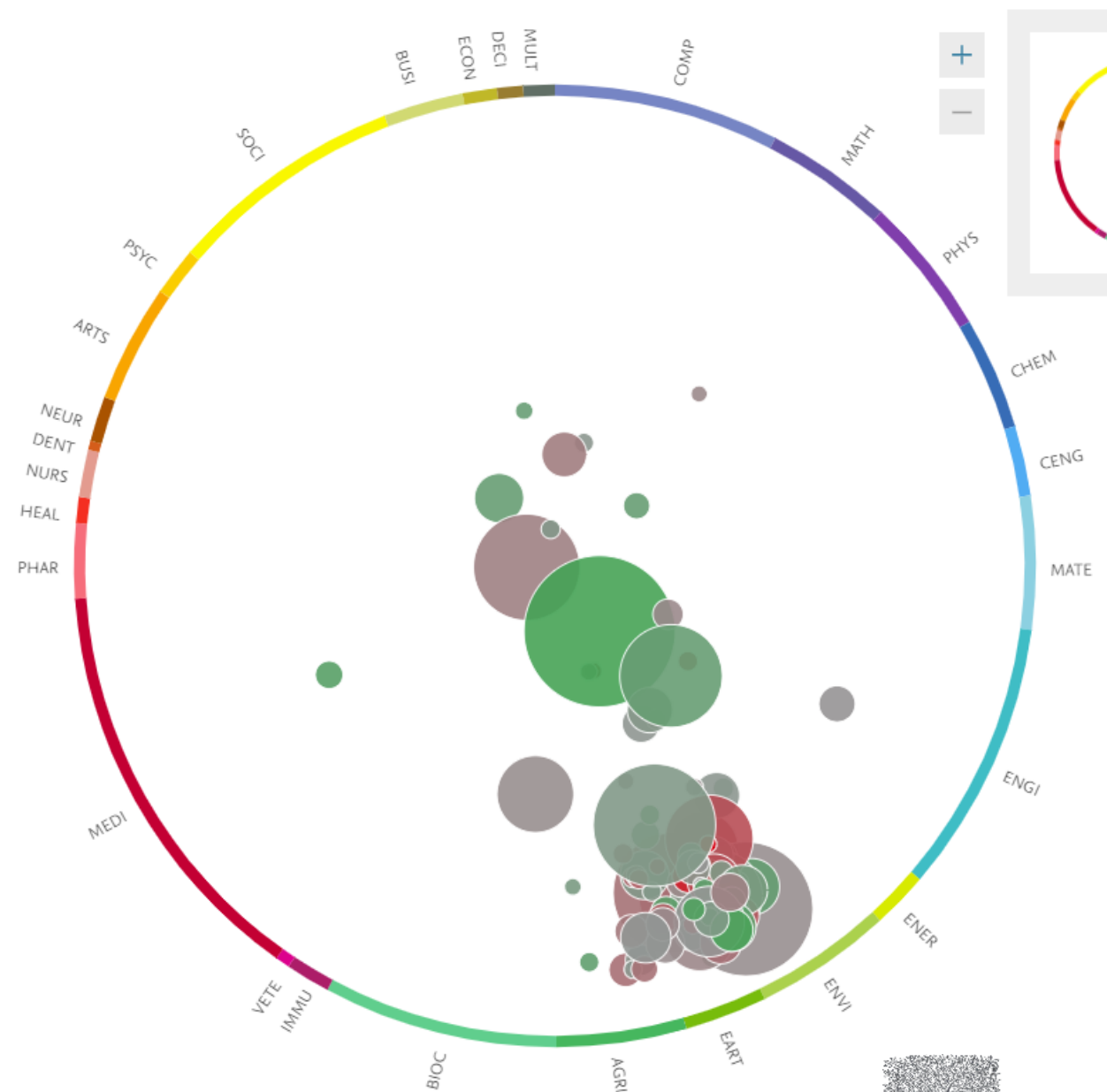
∧ Subject area abbreviations

13.iii Environmental education

Environmental education measures looks at evidence around the following activities:

- Providing local education around the impact of climate change

- Generating a university climate action plan

- Working with local or national government to address climate change planning

- Informing and supporting government on issues associated with climate change

- Collaborating with NGOs around climate change

How does Australia compare with the World?
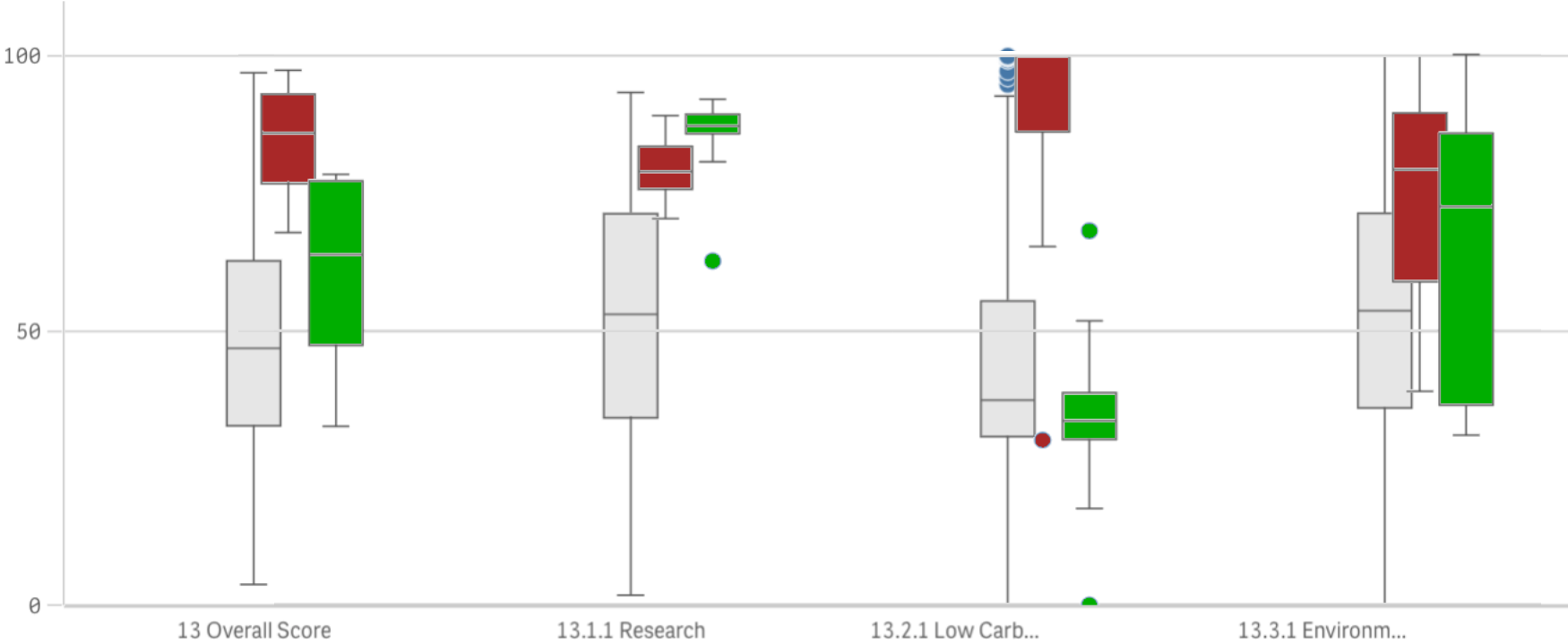
Key Dates

- Data collection opens – 14th October 2019

- Data collection closes – 3rd January 2020

- Impact rankings publication – 23rd April 2020

The 2020 University Impact Rankings will be launched at the **Impact and Innovation Summit at KTH in Sweden 22nd -24th April 2020**.

THE