





THE CHRONICLE OF HIGHER EDUCATION.

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Session 9B: Weds 6th March, 14:00 – 15:00

Building a Sustainable Future Through Active Partnerships

Clare McManus
University of Glasgow, Scotland

Amanda Sayan University of Sydney, Australia

Alexander Au International Relations Office, Germany

Poppy Winant Universitas Gadjah Mada, Indonesia

Chair

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Building a Sustainable Future Through Active Partnerships

Amanda Sayan, Director Global Research Engagement, Office of Global & Research Engagement





What I'll be presenting

- Our Strategy *Sydney in 2032*
- Value of partnerships
- Choosing Strategic Partners
- Our Partnership Model
- Our SDG ecosystem
- Research Funding Schemes
- Partnership Case Studies
- Involving our Students



Sydney in 2032 Strategy

"Leverage our comprehensiveness and partnerships to drive multidisciplinary problem solving"





 $\begin{array}{c} \text{Sydney in} \\ 20 \\ \hline 32 \\ \hline \text{Strategy} \end{array}$

The value of international partnerships

Scholarly Output	International publications 2020 – 2023 (percentage of total)	Citations per publication - all partners	Citations per publication - with Australian partners	Citations per publication - with international partners
The University of Sydney	29,164 <i>(56.0%)</i>	12.5	7.0	17.1
All Australian universities	269,923 (60.4%)	11.0	6.7	13.9

Source: scival.com March 2024

University of Sydney strategic global partnerships

The Americas



Cornell University University of California, Davis University of California, San Diego University of Toronto

Europe



Sorbonne University
University College London
University of Edinburgh
University of Glasgow
Heidelberg University

Asia



Chinese University of Hong Kong
University of Hong Kong
Fudan University
Shanghai Jiao Tong University
Zhejiang University
Yonsei University
National University of Singapore
National Taiwan University
Indian Institute of Technology,
Madras

Our multidsicplinary institutes

Brain and Mind Centre

brings patients, support groups, carers, scientists, clinicians together to research mental health & neurological diseases



addresses lifestyle diseases to find solutions that will inform and reform human health

Sydney Policy Lab

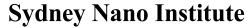
creates unique collaborations for lasting policy change



issues







takes nanoscience to new levels combining multidisciplinary expertise & purpose-built facilities



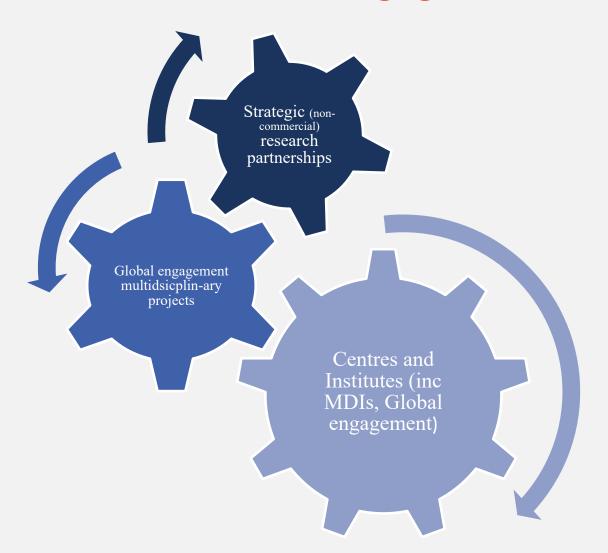


supports research, education & Partnerships on critical real-world Southeast Asia issues





Global & Research Engagement





Supporting strategic collaborations through internal grants

Ignition grants



- Reciprocal seed funding to facilitate and support joint initiatives with priority partners
- Teams which include PhD or masters by research students, postdocs, early- and mid-career researchers,
- Multidisciplinary
- Sustainable projects i.e., able to leverage external funding
- Projects address SDGs

Compact agreements



- Develop multi-year contracts between our priority partners and our multidisciplinary institutes for academic staff to engage in collaborative research on nominated SDGs i.e climate action etc.
- Further funding is dependent on meeting milestones
- Funding criteria includes leveraging external funding above AUD250k

Supporting strategic collaborations through internal grants

SDG Collaboration awards



- Funding of AUD150k per project to facilitate and support collaborative initiatives that develop multi-disciplinary cutting-edge research which addresses the SDGs
- Must collaborate with international partners which are University strategic partner universities or network partners – e.g. APRU and Universitas 21.
- Multidisciplinary
- Sustainable projects i.e., able to leverage external funding
- Successful USyd teams are expected to submit external grant applications (to the value of AUD300k) within 18 months.
- Projects must address SDGs and teams are encouraged to use the <u>Impact Tracker</u> by Hivve

Case Study 1: Indian Institute of Technology, Madras "Energy" Partnership timeline





Workshop: invited IITM to participate in symposium with NUS and Zhejiang -Asia Pacific Carbon Neutrality Symposium



During VC led delegation signed **partnership agreement** with both institutions committing 50k a year over 3 years



Leveraged Australian Award Fellowship: 12 researchers from IITM spent two weeks at Sydney

Identified complementarity:

Virtual workshops on energy conversion and storage;
hydrogen

2022 (Q3)

Ignition grant funding: funded 4 projects focused under the broad rubric of energy

2022 (Q4)

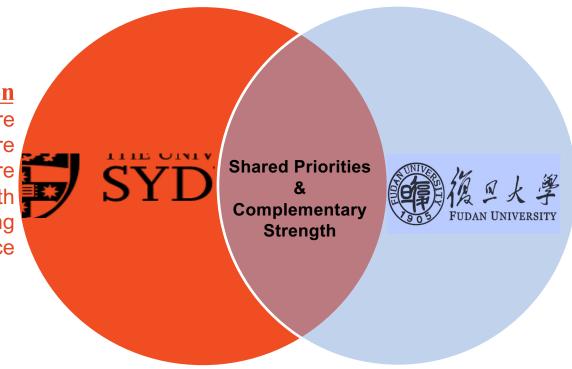
Inaugural IITM Energy
Summit: A delegation of 10 researchers presented in Summit.

2023 (Q4)

Case Study 2: Brain and Intelligence Science Alliance (BISA) Shared Priorities & Complementary Strength

Multidisciplinary collaboration

Brain and Mind Centre
Charles Perkins Centre
Matilda Centre
Faculty of Medicine and Health
Faculty of Engineering
Faculty of Science



Multidisciplinary collaborations

Institute of Science and
Technology for Brain-Inspired
Intelligence
Zhangjiang International
Imaging Centre
Huashan Hospital
School of Life Science
School of Basic Medical
Sciences

Research Themes Computational Neuroscience & Neuroimaging

Cognitive Neuroscience & Brain Disorders

Digital Healthcare

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sydney.edu.au/engage/globalengagement.html



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Solution Focused, Impact Oriented

"To truly change the world, we need to engage with its most pressing challenges. We will reach beyond our boundaries and strengthen our international networks and perspective to create real-world impact for industry, employers, governments and the global citizenry through our work – while also preparing our students to make a positive difference."

'World Changing Glasgow: World Changers Together 2025'

GLOBAL GLASGOW

GLOBAL RELATIONSHIPS

Success will mean a range of important international relationships being developed and strengthened.

GLOBAL RESEARCH

Success will mean increased international research collaboration. improved access and a wider portfolio of international funding sources, and continued arowth of international research income.

GLOBAL RECRUITMENT

Success will mean sustaining and developing our position as a 'study destination of choice' and an 'employer of choice' for global talent who then achieve their goals within our community.

大大 **GLOBAL REPUTATION**

Success will mean being recognised as The **World-Changing** University.

This International Strategy is built on our existing guiding principles.

- Our students, colleagues, alumni network and wider stakeholder audiences should benefit from being part of our international community.
- Our relationships with international partners are reciprocally beneficial and founded in joint mutual respect.
 Our international activities will directly contribute to institutional strategic objectives across research, learning and teaching, and innovation, whilst also supporting our sustainability agenda and contributing to the achievement of the UN Sustainable Development Goals.



Global Glasgow: KPIs

30%

International student population

The proportion of the student population that is international (30% target)

50%

UG mobility

% of students who have had an international experience (incountry and virtual) of one week or more (50%, including virtual mobility)



Research publications

Measured by the percentage of outputs in the top 1% and 10% in the world together with field weighted citation impact.

(continuous improvement)



International partnerships

How many partnerships with HEIs meet a suite of qualifying metrics (continuous improvement)

5th

Research income

Research income per FTE (5th in Russell Group)

Top 100

Global Reputation (THE reputation ranking)

Ranking in the THE World Reputation Rankings (top 100 in the world)



Student satisfaction

Increased student satisfaction based on annual student surveying (UK top 20)

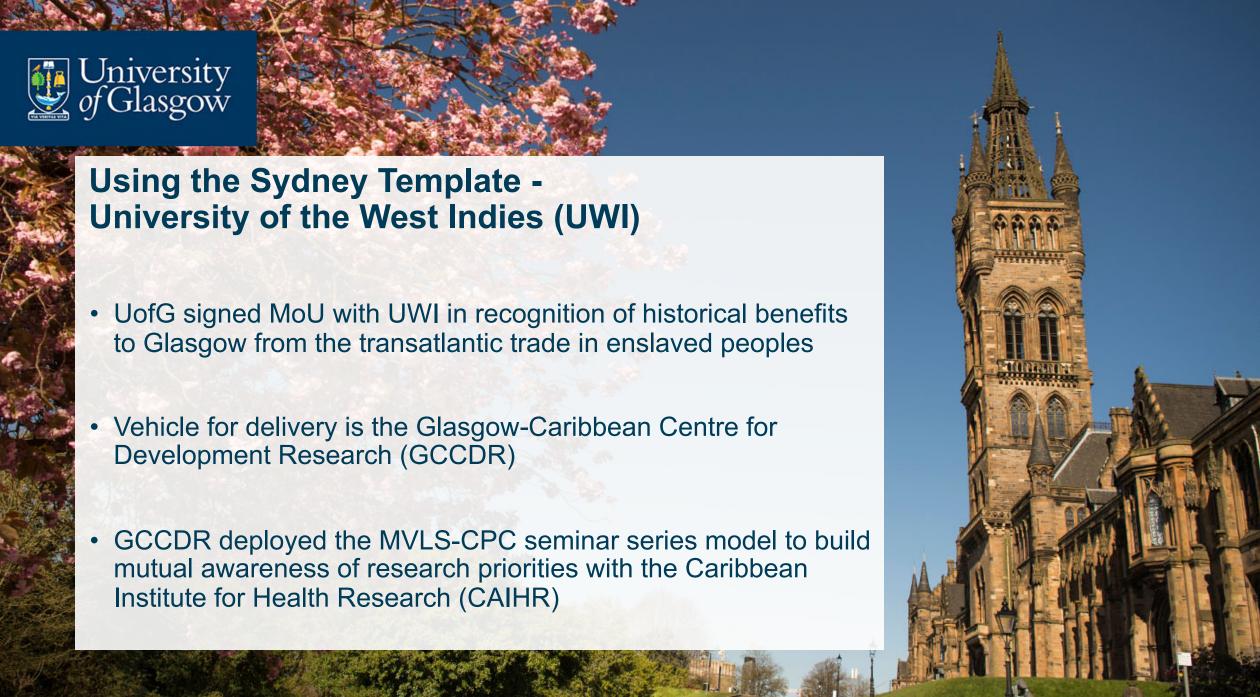








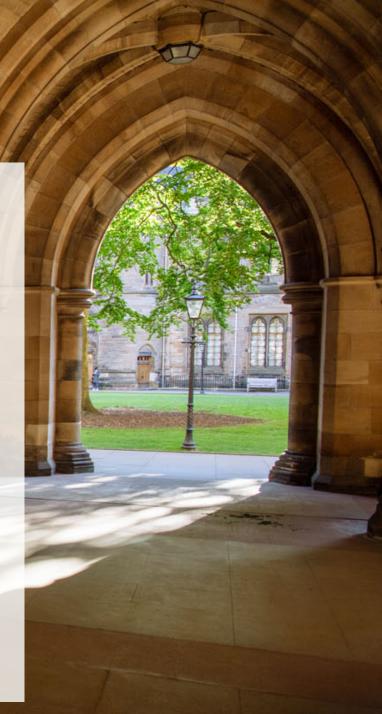






Outcomes

- Grant awarded to study Health Systems Provision in Small Island States
- Seven figure commitment by Barbadian government to establish a Living Lab in Bridgetown
- Planning of a clinical trial in Trinidad with Scottish data as comparator data-set
- Early re-opening of Clinical Electives programme for UWI trainees
- Joint grant proposals in NCDs generally, public health and cardiovascular disease
- Tripartite * links with ARUA and Kenya Medical Research Institute
- Planning of joint Masters degree programmes in Bioinformatics and in Nutrition





University of Glasgow Connect

Our newsletter for international partners and networks













partnerships

→ Together with the Sustainable Futures in Africa Network, Dr Mia Perry has created a Critical Resource for Ethical International Partnerships.



Ethical challenges in international research

→ Introducing a new resource to support our community with developing sound ethical practice in international research.



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4eu+

Building a Sustainable Future Through Active Partnerships

The 4EU+ European University Alliance

at Heidelberg University

















4eu+

University of Heidelberga comprehensive researchUniversity that is highly international

Interntionality – some facts and figures

THE 43 / Shanghai 55 / QS 87 University of Excellence Ranking 3rd in Germany

29% International PhDs19% International Students45% International jr.professors



27 Premium Partnerships185 Exchange Agreements1000+ intl. Agreements740 ERASMUS Agreements

4 Offices abroad Santiago de Chile, New York, Kyoto, New Dehli

Various research alliances













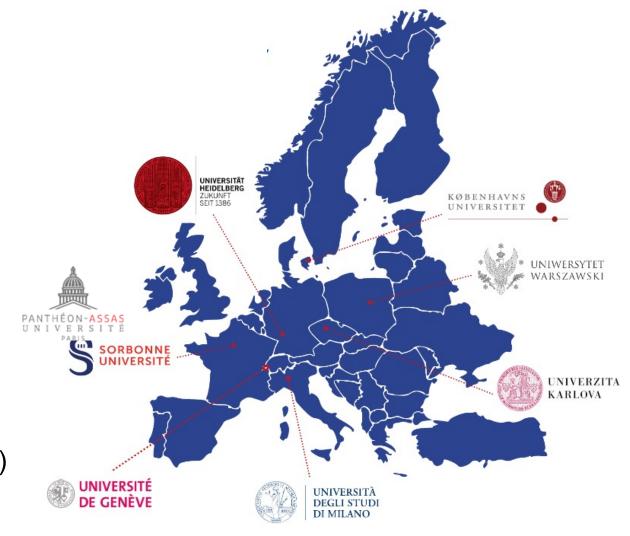






Who we are?

- Heidelberg University (since 2018)
- Sorbonne University Paris (since 2018)
- Charles University Prague (since 2018)
- University of Warsaw (since 2018)
- University of Milan (since 2019)
- University of Copenhagen (since 2019)
- University of Geneva (since 2022)
- Panthéon-Assas University Paris (since 2023)
- 4EU+ e.V. in Heidelberg (since 2021)





Why are we collaborating and what's the idea behind? From the core idea to the concept

 Initial idea: Create and build a European University of excellence that will be a driver of educational innovation and the quest for excellence.

(President Macron, Speech "Initiative pour l'Europe" at Sorbonne University)

 To create world-class European Universities that can work seamlessly together across borders

(European Commission, Communication "Strengthening European Identity through Education and Culture)

4EU+ Introduction 33



What we aim for:

One Comprehensive Research-Intensive European University



#GrowingTogether

- to consolidate a new, student-centred joint educational framework;
- to conduct and support excellent research together, to share resources and infrastructures, to respond
 jointly to global challenges (SDGs) across disciplines and borders;
- to bring added value to society;
- to boost meaningful mobility for students and staff and developing new, flexible mobility schemes;
- to create an open and inclusive European University

4EU+ Introduction 34



The 4EU+ Flagships - Our Academic Core Areas











Why we do it:

- Changing of European Higher Education Area: European University
 Alliances are the universities of the future
- The attractiveness of Heidelberg as a study and research location is increased through collaboration with 7 excellent research universities in Europe (joint activities, opening up of offers and easier mobility)
- 4EU+ as a platform to promote innovative teaching formats, excellent research and innovations, including through funding from the EU Commission



4EU+ is a **long-term commitment**.

The 4EU+ Alliance is part of Heidelberg's academic identity.

By being part of this leading European University Alliance, Heidelberg ensures its **top position** as a European academic institution.



What we are working on - challenges:



#growingtogether

- Expanding the number of joint degree programmes (incentives!)
- Expanding our offer on shared courses
- Establishing an overall status for Short-Term-Students
- Expanding the research dimension of the Alliance
- Developing 10-year 4EU+ strategy (SDGs!).
- Better communication within the Alliance and within our universities
- Questions of legal entity and representation in Brussels



Building a Sustainable Future Through Active Partnerships: A Global South Experience

Poppy S. Winanti

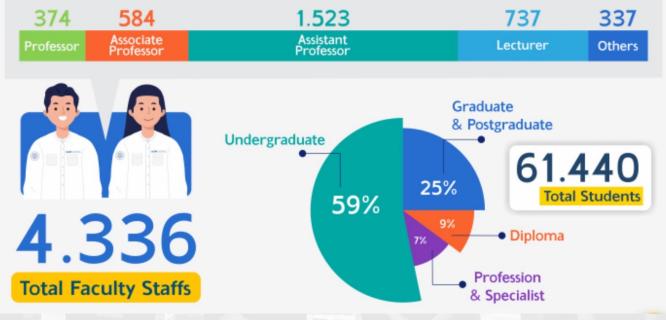
Vice Dean for Academic and Student Affairs Faculty of Social and Political Sciences Universitas Gadjah Mada - Indonesia

Introduction: UGM in Brief

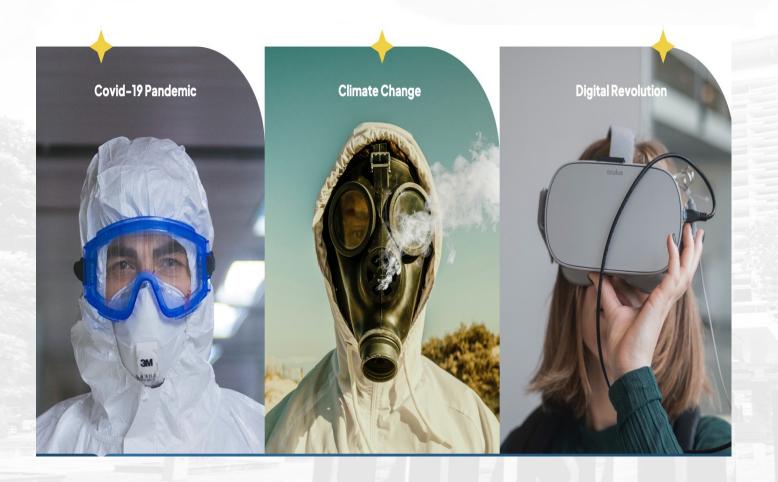








Our world is experiencing disruption...



- How a higher education institution in the Global South responds to those challenges and contributes to the SDGs achievement
- Higher education institutions' responsibilities in Indonesia
- UGM's vision: locally rooted, globally respected [reflects its position as a university in the Global South]

Three Core Roles of Higher Education Institutions in Indonesia



Teaching & Education:
Developing curriculum
oriented to green
mainstreaming



Research & Publication:

Mainstreaming climate change
mitigation & adaptation for
transformative development

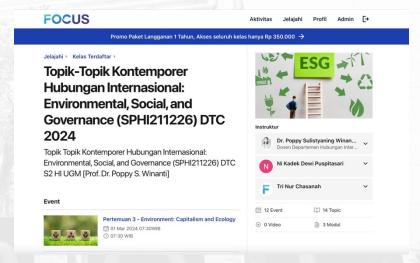


Community Services:
Social Advocation, society
Engagement &
Empowerment

Teaching & Education: Constantly Adapting

- FISIPOL UGM Online Campus (FOCUS UGM) is an e-learning platform that aims to provide access to knowledge in social and political sciences without space and time restrictions (https://focusugm.id)
- International Short Course on the Dynamics of New and Renewable Energy in the Global South (inviting international guest lecturers)
- ASEAN Master for Sustainability Management, the Faculty of Economics and Business UGM, in collaboration with ASEAN University Network (AUN) and the University of Agder, Norway
- PhD scholarship on Triple Disruption and Power Transformation, responding to climate change and digital transformation issues.
- **Green campus initiative**: renovating campus buildings to make them more environmentally friendly.





Research & publications

- Annual research grants at the faculty level focusing on climate change and digital transformation in the form of triple helix and international collaboration
- Undergraduate Program Final Project Research Grant: Green Society
- Publications: State of the Art Series (responding to the global challenges)
- The MegaShift initiative to bring disruption narratives into social and political debates and studies through research, discussions, and publications of weekly brief articles https://megashift.fisipol.ugm.ac.id









Hibah Tugas Akhir Program Sarjana 2023

Green Society:

Mainstreaming Climate Mitigation and Adaptation for Transformative Development

Dampak perubahan iklim terhadap kehidupan manusia meningiat secara signifikah dalam beberapa dasawarsa terakhi Perubahan iklim menghadirian tantangan akan sistem mitigasi sekaligus peluang untuk pengembangan strategi pembangunan yang bertumpu pada green politics, green

Community Empowerment

Student Community Service

- It is a mandatory course for undergraduate students as a form of commitment and contribution of the university to serving the community and implementing science and technology for sustainable development.
- Students carry out programs to address the community's diverse challenges and contribute to the government's ongoing endeavors to alleviate poverty, encourage self-sufficiency, and sustainably improve the community's welfare.
- UGM sends at least 6,000 to 7,000 students yearly to various parts of the country.
- Climate Resilient Village, in collaboration with SOEs
- Capacity building for waste management in the village
- Strengthening Social Forestry Program, Faculty of Social and Political Sciences & Faculty of Forestry UGM in partnership with the Ministry of Environment and Forestry
- https://sustainabledevelopment.ugm.ac.id



me Rese

Educati

UGM Sends Thousands of Students for Community Empowerment in 400 Villages in Indonesia

Community Service, No Poverty, Partnerships for the Goals, Quality Education, Student Community Service



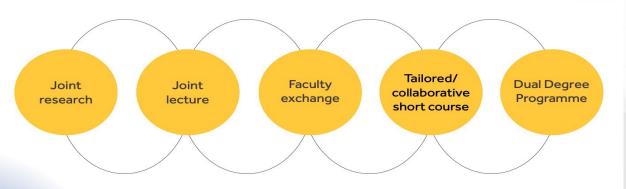
Active partnerships



National & International Partners:

- Government agencies
- Private sectors
- Think tanks
- State-owned enterprises
- Local communities
- · CSOs
- International partner universities

Collaboration Aspect



Case Study



SDGs issues on gender, poverty, resource governance



Indonesia Initiative, Fellowships, Research Scholarship, Study Abroad











Concluding Remarks



Unique position

As a university in the Global South, UGM has a unique position. UGM may face different challenges, yet its experience may significantly contribute to achieving SDGs.



Strategic Collaboration

Achieving SDGs requires strategic collaboration with various stakeholders (domestically and internationally)



Multidisciplinary approach

Achieving SDGs requires a multi-disciplinary approach, considering the complex challenges and circumstances.

fisipol.ugm.ac.id







