

# TRANSNATIONAL EDUCATION

A transnational co-teaching model  
integrating UN SDGs in the curriculum

## GOING GLOBAL PARTNERSHIP

This project was funded by the British Council to develop transnational education routes between UK and Egypt. In-kind contributions were provided by University of Salford Impact Fund.

## PROJECT TEAM

**Dr. Laura Coucill, University of Salford**  
Dr. Sherif Goubran, American University of Cairo  
Prof. Tom Jefferies, Queen's University Belfast

**TRANSNATIONAL  
CO-TEACHING**  
for cross-cultural  
engagement and student  
mobility.  
(SDG: 4, 5)

**CURRICULUM  
ALIGNMENT**  
for exploring global  
challenges and responding  
to transnational policy  
agendas.  
(SDG: 9, 11, 13, 17)

**PROJECT-BASED  
LEARNING**  
with live research and  
events to develop  
professional and  
communication skills.  
(SDG: 10, 11)

**DESIGN RESEARCH  
AND METHODS**  
focussed on global  
challenges to develop  
transferable critical problem  
solving skills.  
(SDG: 3, 7, 9, 11)

# FOR DECARBONISATION

## DISTRIBUTED ACTIVITY

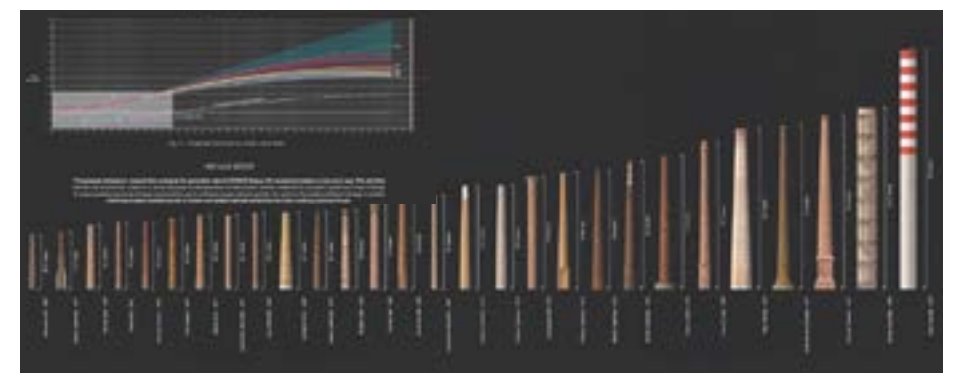
Student centred project activities create memorable experiences and connect students with industry experts to enhance professional and communication skills (left, clockwise)

**1. COP27, hosted by AUC in Sharm El Sheikh, Nov 2022.** Presentation and discussion of initial student research to international professional and academic panel. **2. Fieldwork, Giant's Causeway hosted by QUB, Feb 2023.** AUC and Salford students meet in Belfast to undertake located site analysis of built and natural heritage environments. **3. Policy Briefing Workshop, hosted by QUB, Feb 2023.** Staff and students participate in workshop to transition research proposals into briefing documents targeted at decision and policy makers. **4. Concluding Exhibition and Round-table Discussion, ECC Venice, June 2023.** Staff and students participate in a broadcast discussion of the project findings, alongside and exhibition of student work (ECC May - Nov 2023).

## NETWORKED INTELLIGENCE

Collaboration and co-creation activity through co-teaching and transnational peer review enhances student experience and promotes cross-fertilisation of ideas to make innovative proposals for addressing the global challenges presented by the UN SDGs (right, clockwise)

1. Spatial analysis of Northern Ireland including infrastructural physical and digital network capacity. 2. Energy potential of the Mourn protected landscape. 3. Spatial requirement for food self-sufficiency in NI. 4. Spatial value comparisons. 5. Predicting a heritage deficit by 2050.



## STUDENT PROJECTS PRESENTED AT EUROPEAN CULTURAL CENTRE, VENICE BIENNALE, MAY - NOV 2023



**THE HOME + AWAY CATALOGUE OF ALTERNATIVE LIVING**  
Queen's University Belfast, Northern Ireland

Popular tourist destinations in Northern Ireland and Egypt are examined in cognate, paired forms, situating propositions on their decarbonisation: Portrush Golf Course/ Madinat Makadi Golf Resort (global landscape type); Mount Stewart/ Valley of the Kings, Luxor (buildings in landscape); Titanic Museum/ Abu Simbel (formally transformed elements); and, Pyramids/ Giant's Causeway (elemental forms). This establishes; visible (material, form, space) and invisible (networks, forces, flows) information to determine the carbon usage, water, and energy profiles of these situations.

Prof. Tom Jefferies, Prof. Gary Boyd, Pinar Akdag, Molly Baker, Sharley Pui Zie Chong, Aimee Grant, Dhiraj Reddy Jaddu, Rolandas Laurinavicius, Megan Mackin, Rory McCormack, Suman Miah, Natalia Mokras, Miceal Murphy, Fearghal Rooney, Yuekai Shi, Adela Vagova, Louise Weston, Lois Chan Mei Xing.



**REVIVING-REUSING-FUTURING**  
The American University in Cairo, Egypt

Historic locations continue to afford their dwellers economic, social, and cultural activities that shape living heritage. This studio explores reuse and circularity as a mechanism to reconcile low-carbon futures with Cairo's heritage sites. Design projects examine: How can crafts be the basis of novel creative professions that pave the way to low-carbon futures? And, how can tradition and culture inform new civil and societal modes that are more communal, sustainable, and resilient? Design outcomes underscore the role of heritage in solving the climate crisis.

Dr. Sherif Goubran, Khaled Tarabieh, Amgad AbelAlim, Heba ElKammah, Laila Hany, Lobna Anous, Moustafa Zahran, Nouran El-Khattam, Omar Assem, Saja Shatat, Tamer ElGabaly.



**SCARCITY, SURPLUS AND HERITAGE PRODUCTION**  
University of Salford, England

Energy surplus and scarcity was explored as a driver for landscape and architecture to re-consider society's relationship between space and carbon. Place-based data-mapping and cross-thematic analysis informs design responses to local policy landscapes and global representation of international decarbonisation commitments to propose net zero carbon future heritage landscapes.

Dr. Laura Coucill, Dr. Derek Hales, Dr. Fadi Shayya, Daniela Atzori, Laura Janicka, Callum Forrester, Eris Hysa, Matthew Silvester, Naga Poripireddy, Rasheed Sabitu, Lana Mahmmud, Aiden Armstrong, Dzhan Asanov, Darcey Charnley, Junona Mackevic, Max Gibson, Jack Smedley, Brigit Behanan, Noor Alsaffar, Lydiane Ait Amer Mezaine, Precious Adedeyo, Medahavi Shah, Anupriti Nainwal, Asma Fouz, Saptarshi Sarkar, Darshan Paraliya, Aysha Hanif, Hicran Gokcen.