

# Co-Constructing Sustainability: Online interdisciplinarity and the Sustainable Development Goals

Jen O'Brien,

University College of Interdisciplinary Learning,
University of Manchester
Jennifer.obrien@manchester.ac.uk @Jen\_robrien

Co-Constructing Sustainability:
Online interdisciplinarity and the Sustainable Development
Goals

Punchline: Co-constructing learning with students is a 'good thing'

- Partnership
- Creating a Sustainable World
- Benefits of working with students
- (Challenges)







## **Punchline:**

Co-constructing learning with students is a 'good thing'



SaP is

"a relationship in which all involved students, academics, professional services staff, senior managers, students' unions, and so on—are actively engaged in and stand to gain from the process of learning and working together"

Co-learning, co-designing and co-developing

Co-researching and

co-inquiring

consultancy

of teaching

ind learning

teaching and assessment

Subject-based

and inquiry

Healey, Flint, and Harrington (2014:12)





"No one discipline can claim education for sustainable development for its own, but all disciplines can contribute"

(Unesco, 2005, p. 31)

#### Student feedback:

"I think the whole thing is really important, I appreciated the variety of voices involved in the development of this module"

Using SDGs as pedagogy









**Education for Sustainable Development** 







Pedi Obani, UN University for Natural Resources in Africa



Shabana Abbas, Youth Water Network



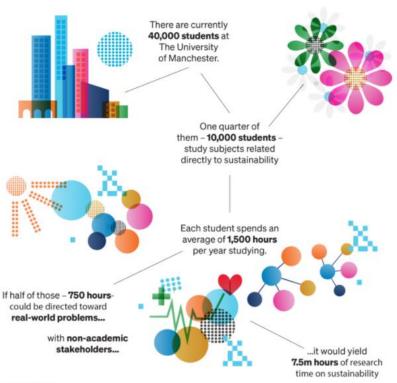


Dr. María J Beltrán, Pablo de Olavide University

- Interdisciplinarity within goals/modules
- Working with interdisciplinary students



#### The incredible potential of Living Labs



Multiplied up...-

UK-wide there are 0.5 million students studying on sustainability related courses,

They could offer 375m hours of research time per year. 1,500 hours per year studying.

Globally, it is estimated there will be 262m students in higher education by 2025.

Meaning there is an annual global research resource for sustainability of 49 billion hours

Even granting considerable margins of error, these figures suggest that the task of engaging university students in real world sustainability challenges could have incredible impact.





'As a polymer scientist, it is clear that the overwhelming challenge of plastic waste management can not be overcome with materials science alone. We can improve the recyclability of plastics but we need to understand how people interact with waste streams to ensure they are fit for purpose. The

ct's holistic approach will innovate the creation, use and disposal of aneously." Teaching led research?

Instagram

nael Shaver

Goal 03 Module Feedback We would appreciate it if you took a moment to provide us with some feedback on Goal 03 module. All feedback that you provide us with via this form is completely anonymous. I found this module useful 0 0 0 0

a moment to complete the short feedback form below









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## Co-constructing learning with students can:

- Offer incredible opportunities for staff above and beyond the course
- Maintain the sustainability and resilience of the course
- Transform multidisciplinary into interdisciplinary
- Affect change for sustainable development

Thank you

### Student feedback:

"I valued the value they place on us.....This course felt different, it tackles immediate problems to the world and the coordinators have set up this unit to make our voices feel important and valued."

