





**in the box**

in my box



University  
of Glasgow

in my box



in my box



# outcomes

**language skills**

1500

**content knowledge**

SPRE

St-T

**study skills**

**entering a PG programme at UofG**



- **students working on their own**
- **‘weak’ analysis**
- **suggesting obvious solutions**

# expectations



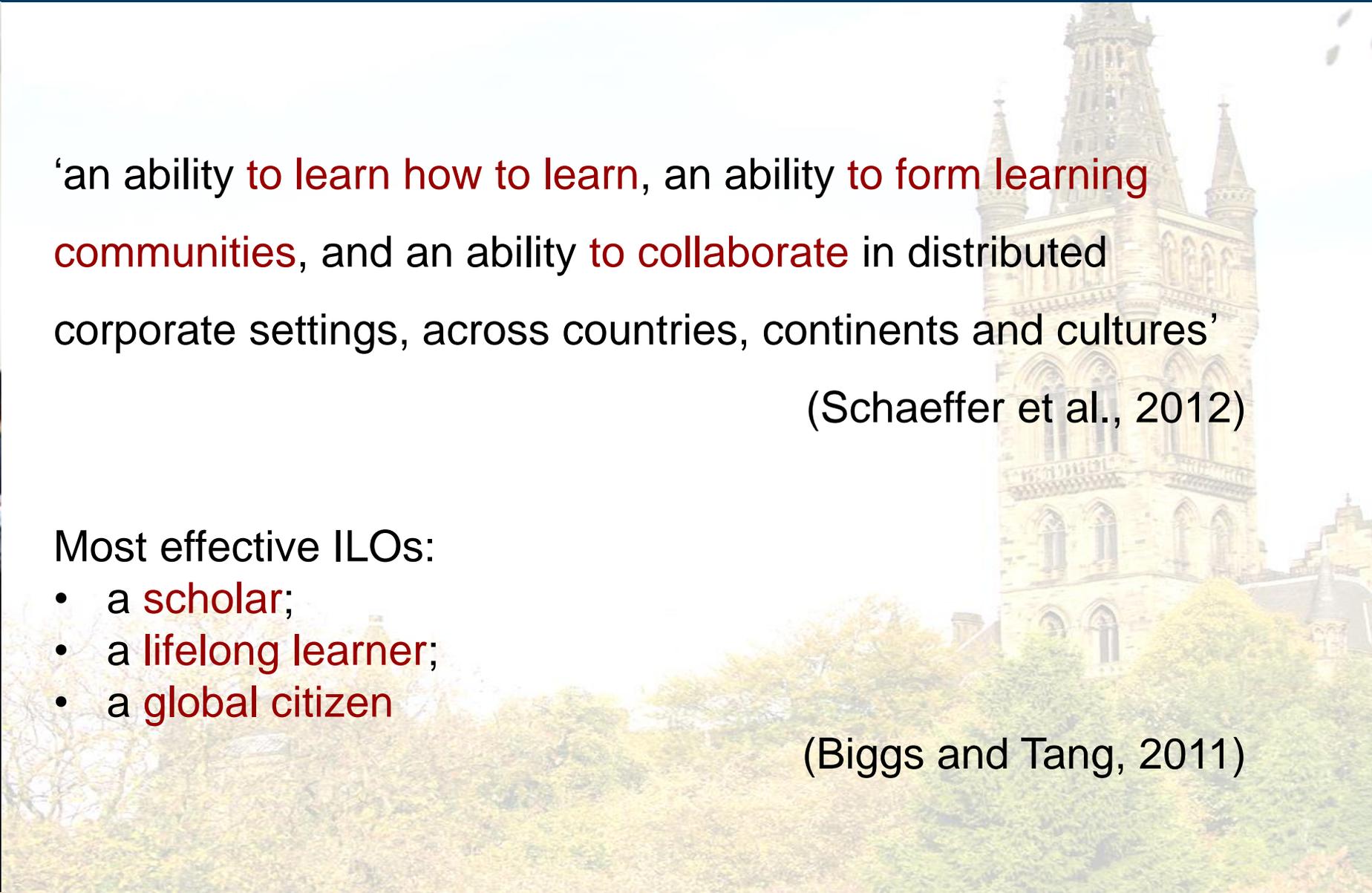
‘an ability **to learn how to learn**, an ability **to form learning communities**, and an ability **to collaborate** in distributed corporate settings, across countries, continents and cultures’

(Schaeffer et al., 2012)

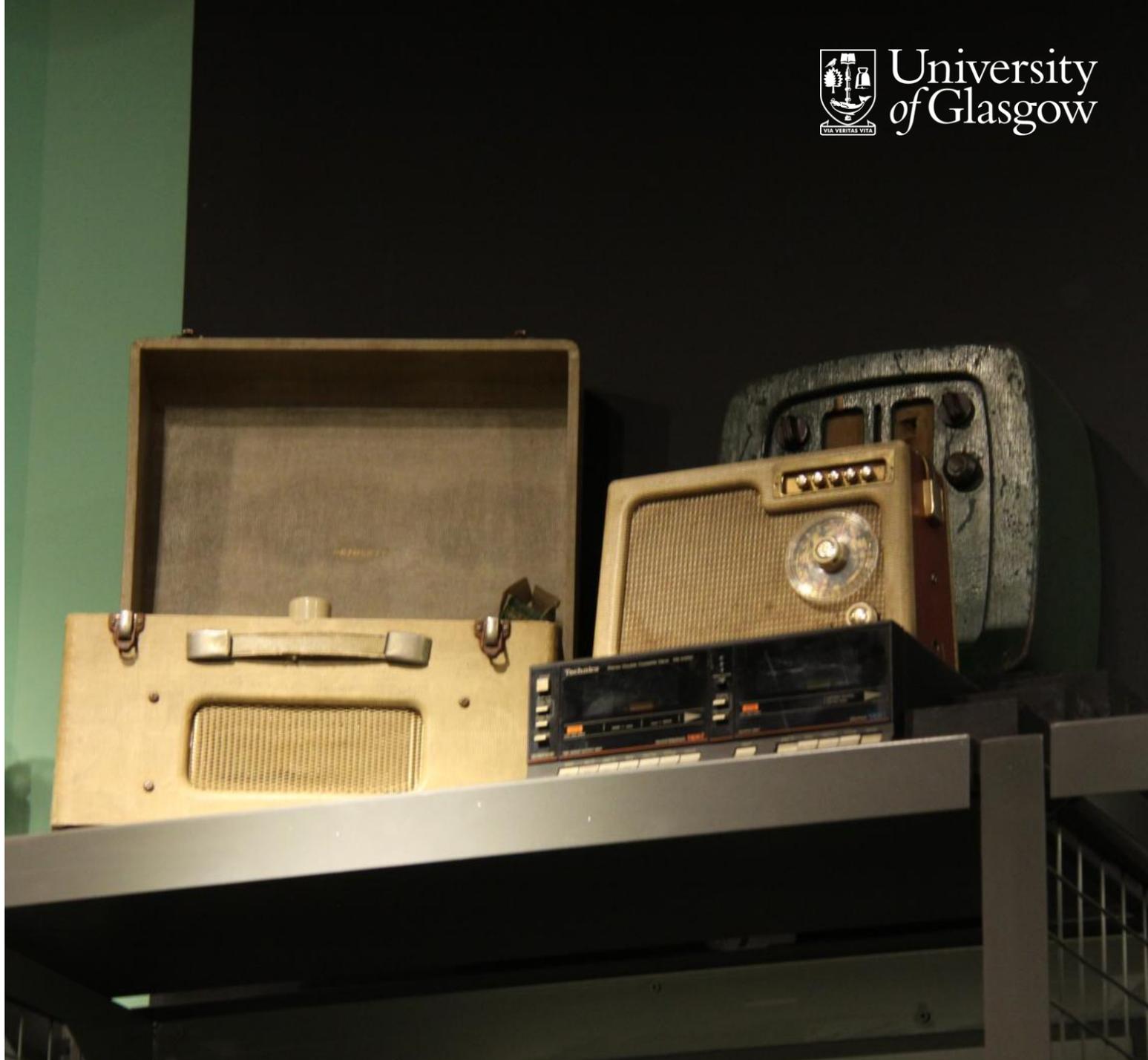
Most effective ILOs:

- a **scholar**;
- a **lifelong learner**;
- a **global citizen**

(Biggs and Tang, 2011)



**let's open the box**



in action



9:30  
The Wellman  
Building

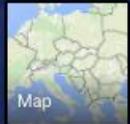
1. Island vs CAS  
2. ...  
3. ...



# partnership



★  
United Kingdom



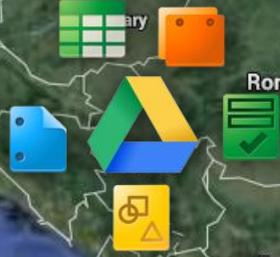
Google



# partnership



United Kingdom



Google

# revised outcomes



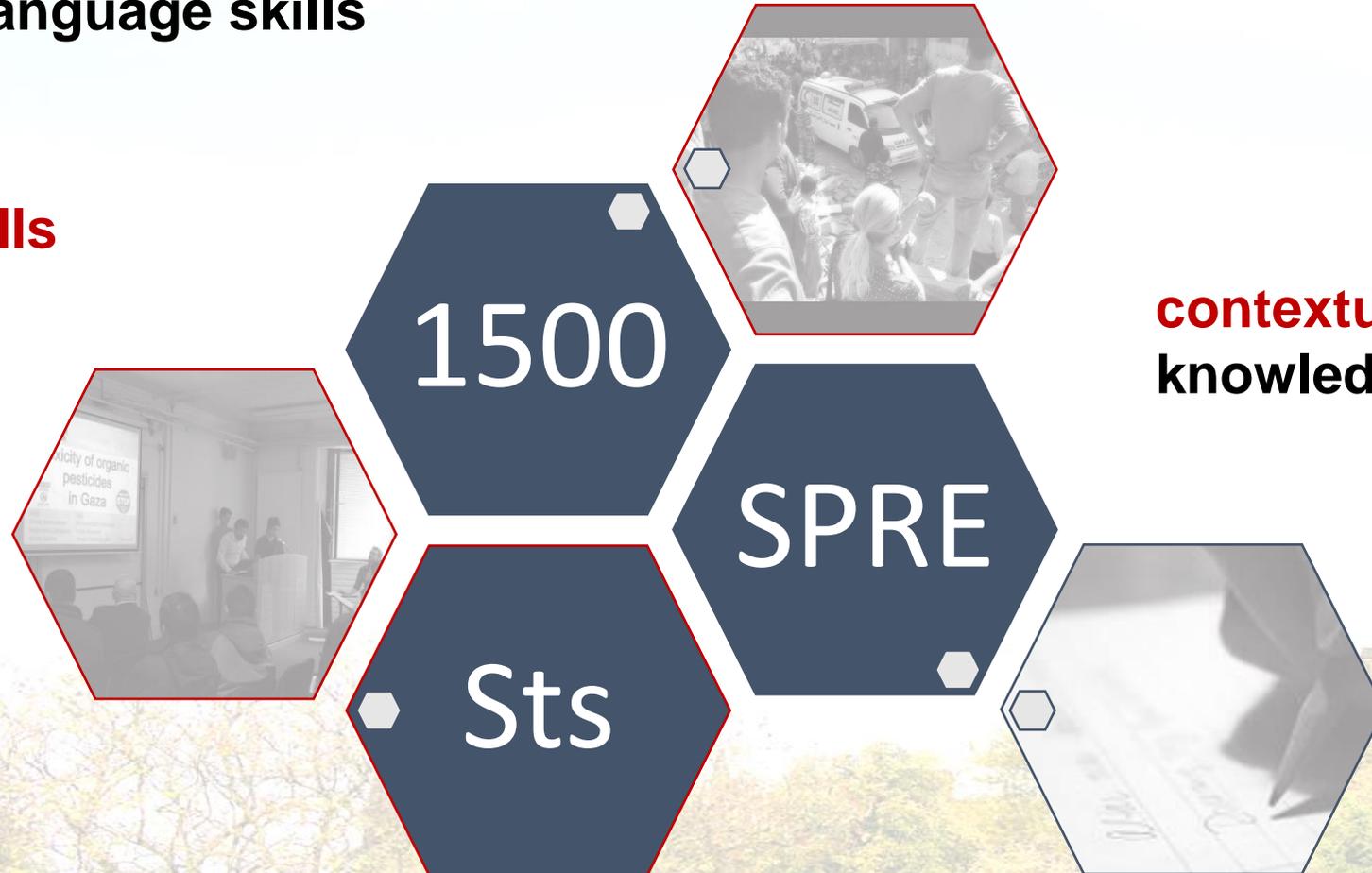
# revised outcomes

language skills

transferrable skills

contextualised content  
knowledge

study skills

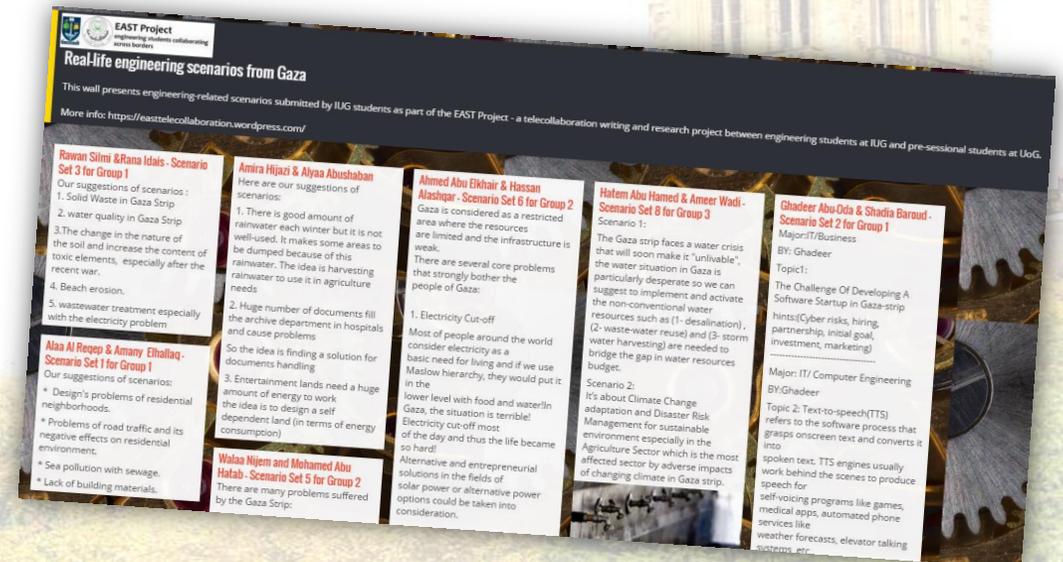


entering a PG programme at UofG

# what students worked on

In groups of 4-6

- Generating electricity for wastewater treatment
- Water drainage and sea pollution in Gaza
- Toxicity of pesticides in Gaza
- Groundwater salinity in Gaza
- Road traffic and effects on the environment
- Development of Arabic OCR
- I.T. applications in medicine



# how students worked

23 August

GUYS, I found it at last. A paper that assesses how ready the Palestinian Healthcare System in Gaza is to use ICT (Information and Communication Technology). Should be classified info, its to valuable for our essay. I hope it can be useful for you guys too.

ready it too, is an excellent overview of your healthcare system.

Cheers !! :)

Lets reach Michael essay.... See More

[idl-bnc.idrc.ca](http://idl-bnc.idrc.ca)

IDL-BNC.IDRC.CA

Like Comment Share

2 people like this.

Hi

Good job, I have read the introduction section and I will read the whole of paper.... See More

Like Reply 1 · 24 August at 07:58

10 August

Gaza Strip consists from 5 governments and the only main road connects between them is called Salah Edeeen St.



Comment

View 5 more comments

Isn't it more rich if not concentrating only on inside road its

10 August at 22:07 · Like

! That's what I mean ... You can write about both of them ..

10 August at 22:40 · Edited · Like

8 August

I think this media report will be helpful to get inside the issue and understand the situation.



Parting the brown sea: Sewage crisis threatens Gaza's access to water | Al Jazeera America

The UN warns that if there is no change, there will be no drinkable water left in the Gaza Strip by 2016

AMERICA.ALJAZEERA.COM

Like Comment Share

5 people like this.

Thank you so much Ahmed! We are following the idea of this report to make the essay frame.

8 August at 18:09 · Like 1

Seen by 6

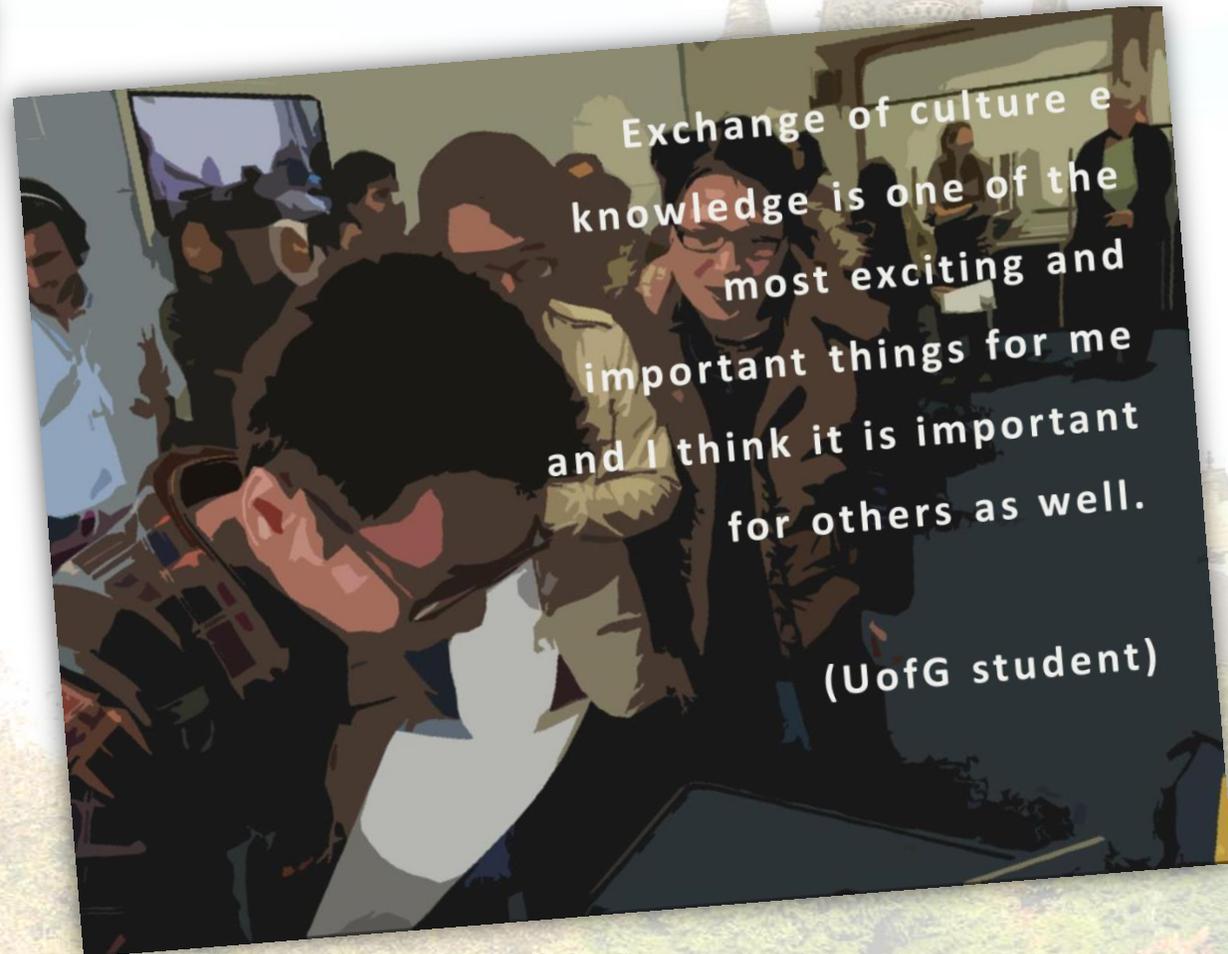


# student voices



What I enjoyed most has been to work in real engineering related problem of a country that need help to address it.

(UofG student)

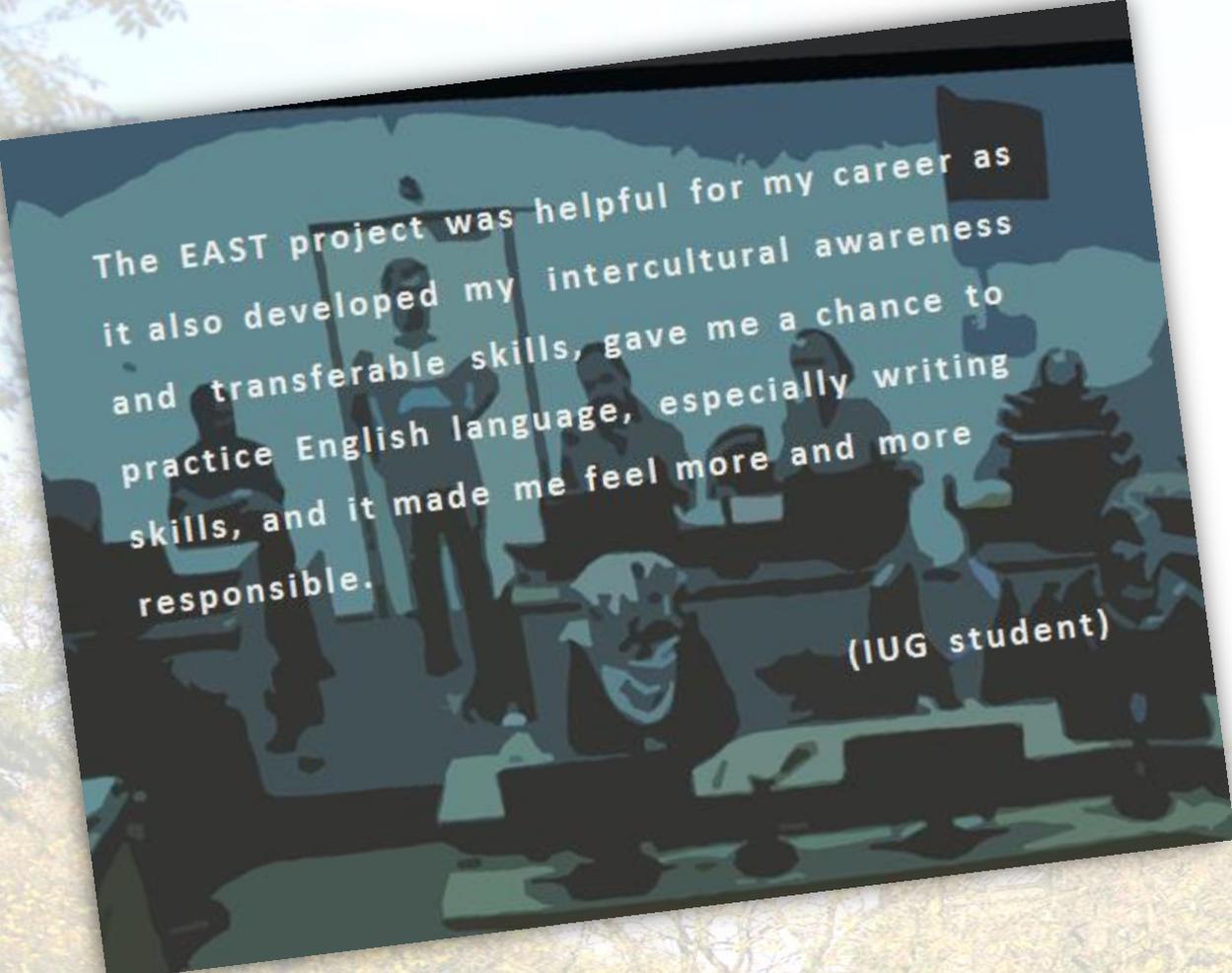


Exchange of culture e knowledge is one of the most exciting and important things for me and I think it is important for others as well.

(UofG student)

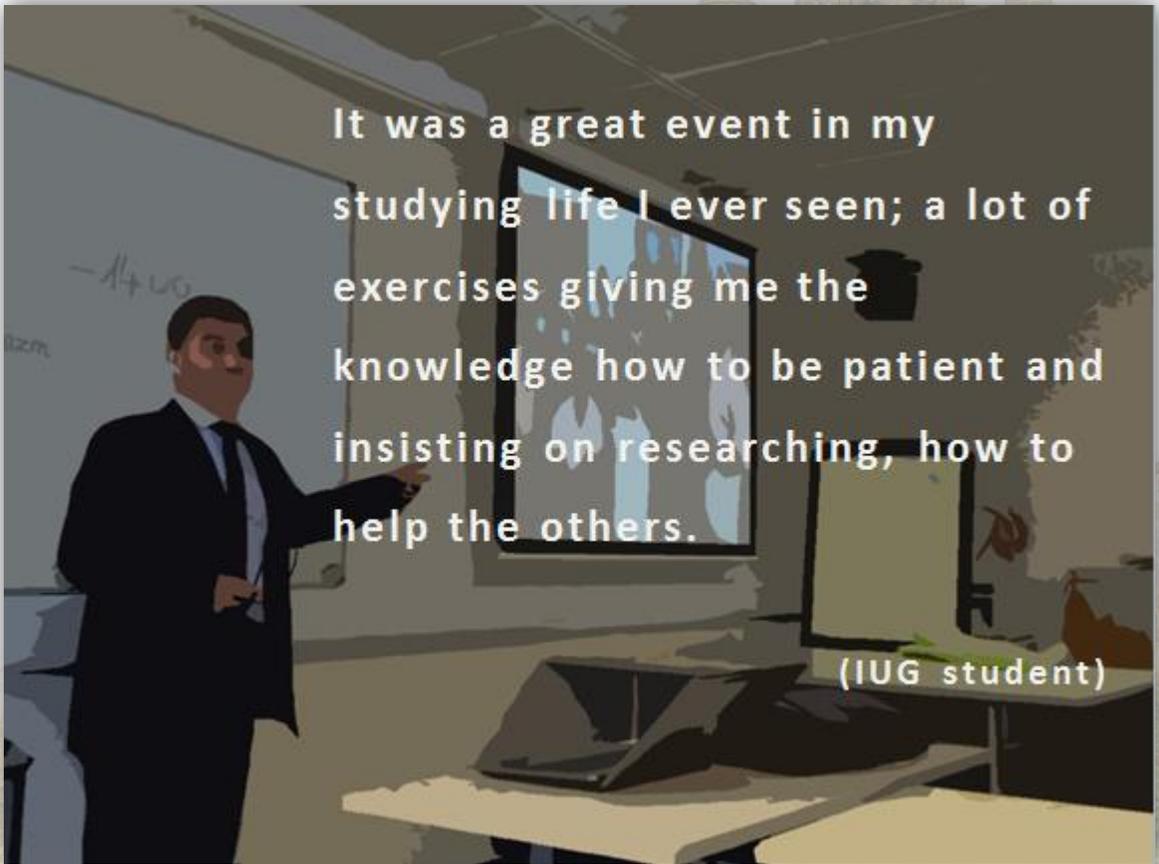


# student voices

A stylized illustration in shades of blue and green showing a group of people in a meeting or classroom setting. Some are standing, some are sitting at desks with laptops. The background is a dark blue gradient.

The EAST project was helpful for my career as it also developed my intercultural awareness and transferable skills, gave me a chance to practice English language, especially writing skills, and it made me feel more and more responsible.

(IUG student)

A stylized illustration in shades of brown and grey showing a lecturer in a dark suit standing in a classroom. He is pointing towards a whiteboard with some faint writing on it. In the foreground, there are desks with laptops. A large window in the background shows a view of a city with a prominent tower.

It was a great event in my studying life I ever seen; a lot of exercises giving me the knowledge how to be patient and insisting on researching, how to help the others.

(IUG student)

# so when we open the box ...

‘Methods to encourage students to embrace ambiguity, avoid premature closure, and increase **reflection** may greatly improve their **creative skills**’ (Daly et al, 2014)

‘Digital technologies offer many potential ways to foster **global awareness** in classrooms. Through infusion of both global education and technology in teaching and learning, teachers can foster students’ understandings of the interrelationships of people worldwide, thereby preparing students to participate meaningfully as **global citizens**’  
(Crawford and Kirby, 2008)



# the 4 c's



★  
United Kingdom





**‘our world has become increasingly “flatter”, or “connected”,  
since the turn of the century’,  
‘the classrooms of today should look nothing like  
the classrooms of the past’ (Friedman, 2005)**





Unive  
of Glas

Thank  
you

Biggs, J. & Tang, C. (2011) *Teaching for Quality Learning at University*, Buckingham: Open University Press, McGraw Hill.

Crawford, E. and Kirby, M. (2008) Fostering Students' Global Awareness: technology applications in social studies teaching and learning. *Journal of Curriculum and Instruction*, 2(1), 56-73.

Daly, S.R., Mosyjowski, E.A., Seifert, C.M. Teaching creativity in Engineering courses, *Journal of Engineering Education*, 2014, 103/3, 417-449.

Friedman, T.L. (2005) *The world is flat: A brief history of the twenty-first century*. New York: Farrar, Straus and Giroux.

Schaeffer, D., Panchal, J.H., Thames, J.L., Haroon, S., Mistree, F. (2012) Educating engineers for the near tomorrow, *International Journal of Engineering Education*, 28/2, 381-396.

Without Science by Brian Talbot (2006) <https://flic.kr/p/bW9ge>

Powerpoint presentation by Matthew Hurst (2009) <https://flic.kr/p/6XFFqY>

Writing? Yeah. by Caleb Roenigk (2012) <https://flic.kr/p/brNqFE>

Gaza crowd by blhphotography (2002) <https://flic.kr/p/EboVZ>

DEV DEV <summer of code/> by Chattanooga Public Library (2013) <https://flic.kr/p/f6HGaK>

Key skill assessment unit: problem solving by Richard Howes (2008) <https://flic.kr/p/4m6viF>

Teamwork and team spirit by 드림포유 (2007) <https://flic.kr/p/o4ZHuD>

Language by Jurek d. (2015) <https://flic.kr/p/qJHt7n>

Anodized Golden Engineering Marvel by Kellar Wilson <https://flic.kr/p/rtiHxV>

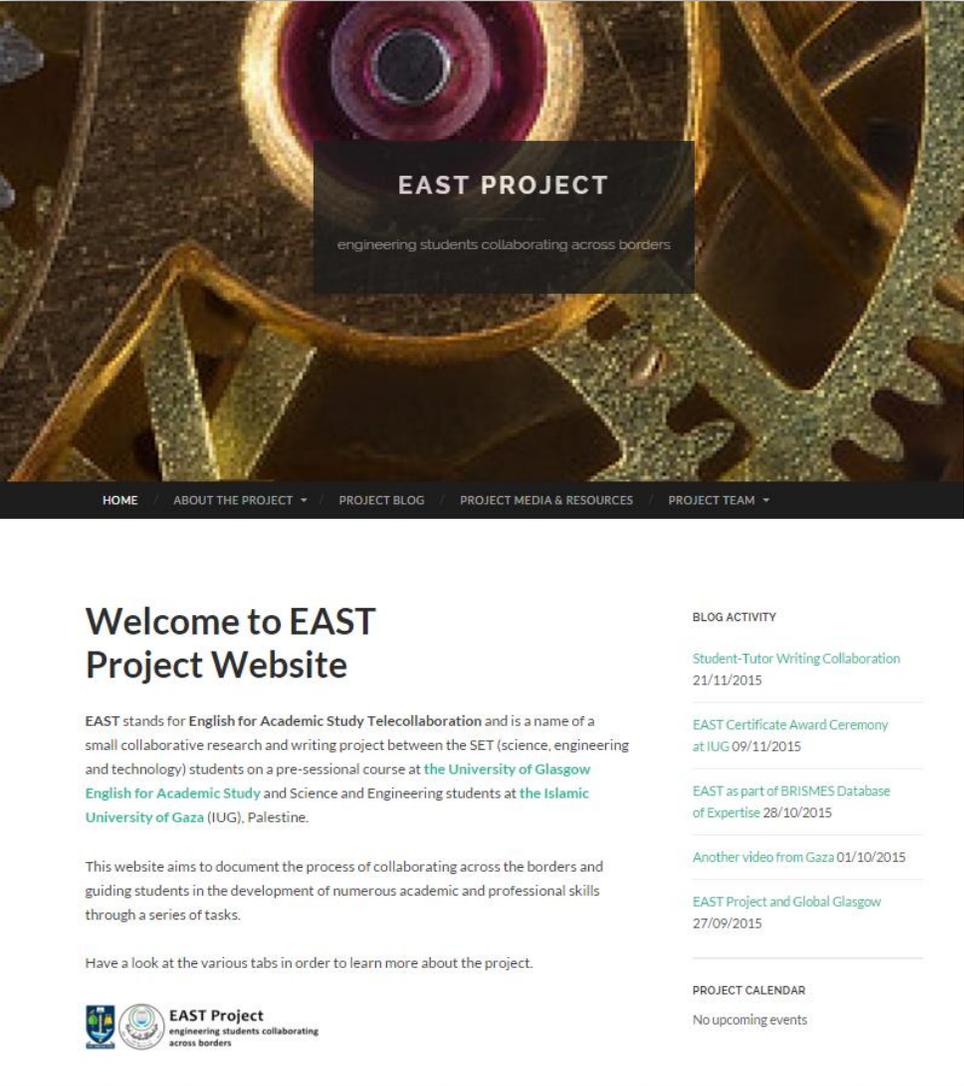
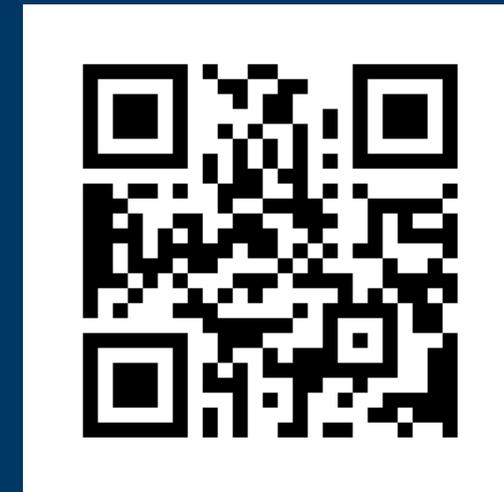
20120129 -NodeXL-Twitter - gamification network graph by Marc Smith CC BY <https://flic.kr/p/bna1jX>

Field Box by Steve <https://flic.kr/p/4to63U>

The Making of Harry Potter by Dave Catchpole <https://flic.kr/p/canxdU>

# Questions?

[anna.rolinska@glasgow.ac.uk](mailto:anna.rolinska@glasgow.ac.uk)



**EAST PROJECT**  
engineering students collaborating across borders

HOME / ABOUT THE PROJECT / PROJECT BLOG / PROJECT MEDIA & RESOURCES / PROJECT TEAM

## Welcome to EAST Project Website

EAST stands for English for Academic Study Telecollaboration and is a name of a small collaborative research and writing project between the SET (science, engineering and technology) students on a pre-session course at the [University of Glasgow](#) English for Academic Study and Science and Engineering students at the [Islamic University of Gaza](#) (IUG), Palestine.

This website aims to document the process of collaborating across the borders and guiding students in the development of numerous academic and professional skills through a series of tasks.

Have a look at the various tabs in order to learn more about the project.

  **EAST Project**  
engineering students collaborating across borders

**BLOG ACTIVITY**

- [Student-Tutor Writing Collaboration](#)  
21/11/2015
- [EAST Certificate Award Ceremony at IUG](#) 09/11/2015
- [EAST as part of BRISMES Database of Expertise](#) 28/10/2015
- [Another video from Gaza](#) 01/10/2015
- [EAST Project and Global Glasgow](#)  
27/09/2015

**PROJECT CALENDAR**

No upcoming events

<https://easttelecollaboration.wordpress.com>