



Reflections on UCC @ COP-26

Brian Ó Gallachóir

Professor of Energy Engineering

Director, MaREI Research Centre

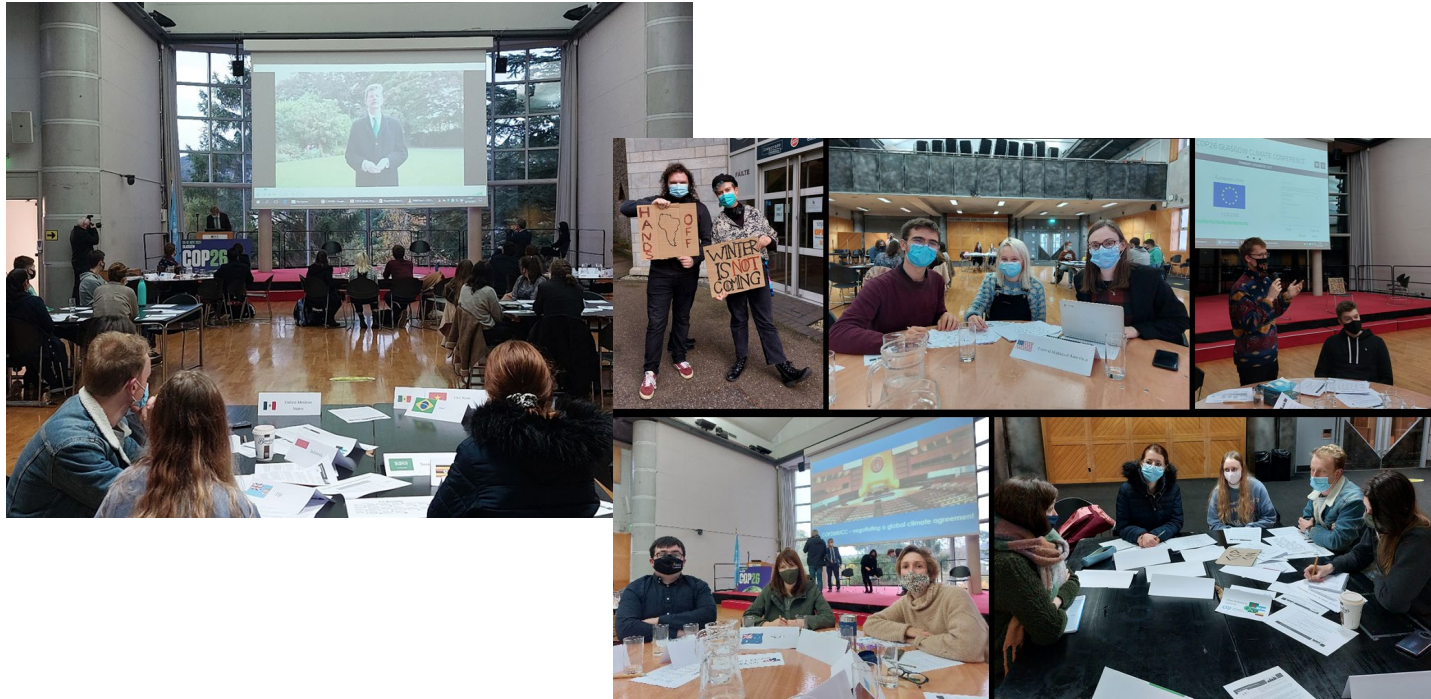
Vice Director, Environmental Research Institute

A TRADITION OF
INDEPENDENT
THINKING



University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

Student Mock COP-26



PROF JOHN O'HALLORAN

- this is REALLY REALLY IMPORTANT

UCC is COMMITTED to co-producing CLIMATE SOLUTIONS

Universities have a KEY ROLE in the transition to ZERO CARBON SOCIETY

LEARNING through ACTIVE ENGAGEMENT

USA - Fine round ALLUSIONARY

We're looking FORWARD to MORE REDUCTIONS from US + CHINA

EU revised pledge

China negotiating position



PAUL JOHNSTON
British Ambassador

we NEED to UP our AMBITION

KEEP 1.5 ALIVE

A summit that is CRUCIAL SURVIVAL

WE'RE NOT BUDGING ON OIL
WE NEED LEEWAY

If you have the GDP GIVE the MONEY

We already HAD AGGRESSIVE REDUCTIONS

WE COULD CONTRIBUTE to bring \$10-\$15bn-PEAK back

won't declare if we don't HAVE to

Willing to bring

CLOSING RESOLUTION

RECOGNISE Common burden

REAFFIRM COMMITMENT to 1.5C

CALL ON COUNTRIES TO ADHERE TO PLEDGES

UNDERSTAND IMPORTANCE OF 1.5C BY 2050

DECLARE PAYOUT to 1.5C

GUARANTEE CREDIBLE SUPPORT

MOCK COP26 at UCC

Emission Peak Year HAS to be NEXT YEAR

WE NEED to ASK for MONEY to ASSIST with TRANSITION

POST-MORTEM

changing my mind

it showed how DIFFICULT it is

SYSTEMIC CHANGE IS NEEDED!

it's a GLOBAL CHALLENGE (and that's a CHALLENGE)

it's an ACTIVE NEGOTIATION

PROF AINE RYALL

interdisciplinarity

fresh thinking new solutions

national political context
accountability give and take
make some concessions human rights
transformative change
KEEP IN MIND

some deforestation NEEDED for HOUSING

more PARKS

We can sequester

reforest

NEED TIME to IMPROVE STANDARD of LIVING

ONE of the LOWEST emitters per CAPITA

we're at the mercy of other nations
low population
INNOVATIONS SHOULD BE SHARED

NO PATENT for \$100

we're PEAK-and-PLATEAU

India Paris round discussion

FIONN ROGAN
25 UNEFCCC SG

WE'RE HERE in SIX NEGOTIATING PARTIES

CURRENTLY WE'RE on a TRAJECTORY for a 3.6C rise by 2100

WILDFIRES are now seen ANNUALLY

loss of biodiversity

more RENEWABLES

ENERGY EFFICIENCY

SUSTAINABLE lifestyle

WE DON'T just NEED TARGETS ACTION

Other developing nations opening pledge

Other developing nations First round discussions



University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

Sustainable Communities Mural



This mural seeks to inspire thinking, encourage conversations and provoke action to create communities that work with our environment in securing a sustainable future.

John O'Halloran
UCC President

#UCCatCOP26 Delegation



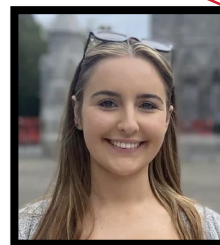
Clara
Air
Pollution



Kian
Moral
Philosophy



Brian
Energy
Transition



Alicia
Students' Union
Law



Marguerite
Sustainable
Cities



Jason
Sustainable
Homes



Rhoda
Environmental
Law



Eoin
Plant
Science



Vera
Sustainable
Transport



Evan
Sustainable
Transitions

Journey to COP-26



Train, boat and bus 80kg CO₂ pp
50%
Flight 160 kg CO₂ pp

Electric Vehicle (4 ppl) 40kg CO₂ pp
25%
Flight 160 kg pp

Observing

*UCC is the only Irish university
with official observer status at the
COP-26 conference*



Participating

Nyhan Future Sustainability Research Group
www.nyhanlab.org

Intelligent Solutions for Sustainable, Net-Zero, Healthy & Liveable Cities of the Future

Technology, Policy & Society

1. Emissions, Exposures & Health	2. Urban Analytics - ICT-Enabled Tools for Cities & Citizens	3. Air, Climate & Energy	4. Environment, Climate, Policy & Society	5. Sustainable Development Efforts
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Dr Margaretha Nyhan 2021

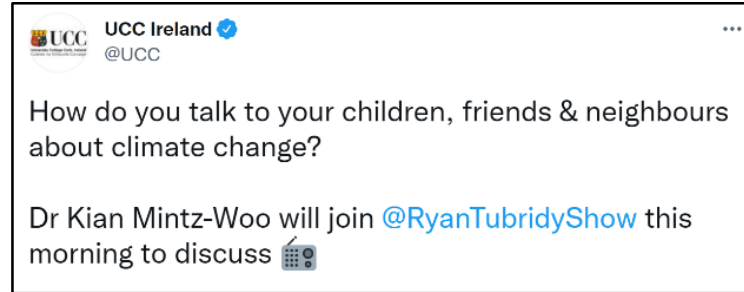
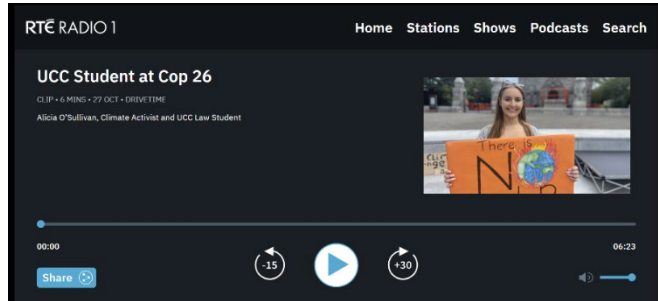
Partnership for the Union European



Participating



Communicating – Radio / Television



Communicating – Print Media

Irish Examiner

Dr Eoin Lettice at Cop26: 'A lot done, more to do'

None of us can avoid or shy away from the massive, societal changes that will need to be made urgently to address the problems



Dr Eoin Lettice is a lecturer in plant science at the School of Biological, Earth and Environmental Science at UCC. Picture: Dan Linehan



TUE, 09 NOV, 2021 - 20:00
DR EOIN LETTICE

Cop26 Diary: Work together and these pledges won't be 'more blah blah blah'



UCC's Clara Felberbauer: It's been a very busy week, and what has been achieved is significant. Picture: Dan Linehan COP26, COP 26



SUN, 07 NOV, 2021 - 17:30

A group of local children, primary-school age, accompanied by their parents,

Cop26 diary: Women demanding to be empowered in climate fight

Climate change is not gender neutral and its impacts amplify existing inequality



Protesters at the entrance to the Cop26 summit in Glasgow on Thursday. Picture: Andrew Milligan



THU, 11 NOV, 2021 - 12:30
RHODA JENNINGS

Communicating – Print Media

RTÉ NEWS SPORT ENTERTAINMENT BUSINESS LIFESTYLE CULTURE PLAYER TV RADIO

BRAINSTORM ▶ About Brainstorm Contribute to Brainstorm

How can understanding human nature help to better inform climate policy decisions?

Updated / Tuesday, 14 Sep 2021 14:23

[f](#) [t](#) [in](#) [v](#) [p](#)



Even in our personal lives we apply a social discount rate; some Irish men display a high social discount rate where during pre-COVID weekends, they drank three times more than women.

By **Jason McGuire**
UCC


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MACHINES

Electric cars aren't enough to hit climate goals – public transport is also key

25 NOV 2021 [SAVE ARTICLE](#)








Public transport in Poland. Image: © Sergey/Stock.adobe.com

UCC's Vera O'Riordan explains why focusing on replacing conventional cars with EVs is a 'missed opportunity' for countries to also develop alternative means of transport and help meet global climate targets.

THE CONVERSATION
A version of this article was originally published by The Conversation (CC BY-ND 4.0)

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5 HOURS AGO

"We're able to get developments done much quicker with InterSystems IRIS"
- Chadwick Gross Head of IT
[Watch video](#)

Communicating – Reach

Total Mentions



213

Total Reach



939,124,198

Total AVE

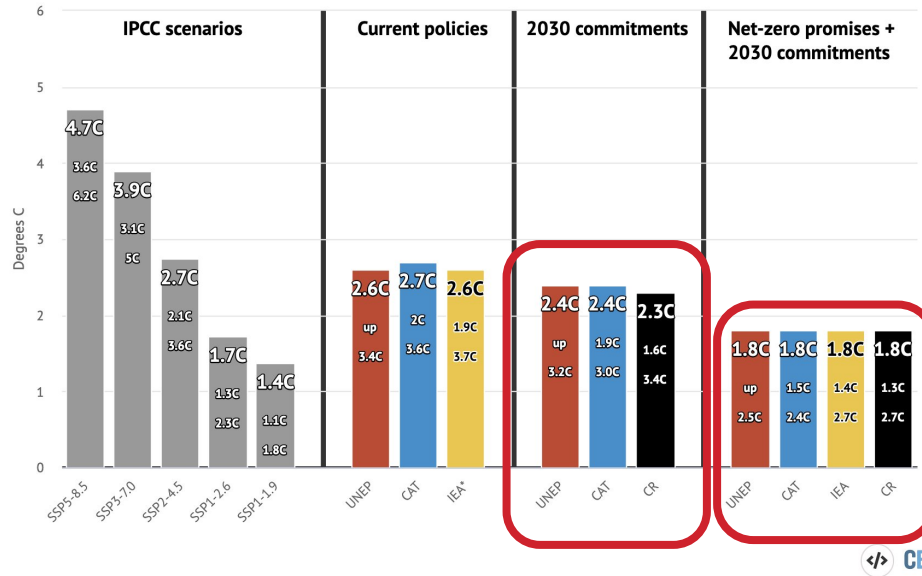


£420,591.10

COP-26 Outcomes: Pledges

Comparing the latest 2100 warming projections for different scenarios

Warming in 2100 relative to preindustrial. 50th percentile temperature outcomes and uncertainties shown.



Compilation of the latest 2100 median warming projections from [UNEP](#), [CAT](#), [IEA](#) and [CR](#) as of 9 November 2021, compared to the assessed warming values for the five [shared socioeconomic pathway \(SSP\)](#) scenarios highlighted in the recent [IPCC AR6 WG1](#) report. Both central estimates and uncertainty ranges are shown. Note that the IEA current policy scenario (STEPS) is in-between policies in place today and 2030 commitments. Chart by Carbon Brief using [Highcharts](#).

COP-26 Outcomes: Paris Rulebook

Why was it so significant that **COP26** completed the **Paris Rulebook**?

- 1) avoid double counting
- 2) common timeframes
- 3) enhanced transparency framework



Reflection - Meeting Heroes!

