

Adapting Universities and Colleges to a Changing Climate

Making the case and taking action

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Agenda



- Project Background
- Introducing Guide 1 – Adapting Universities and Colleges to a Changing Climate: Making the case and taking action
 - Climate Resilience Self-Assessment
 - Making an Elevator Pitch
 - Climate Projections
 - Key Risks and Opportunities
 - Adaptation Approaches
 - Taking a Business Continuity Approach
- Introducing Guide 2 – Using an existing organisational resilience framework to develop a CC Adaptation Plan
- Access the Resources



Project Background

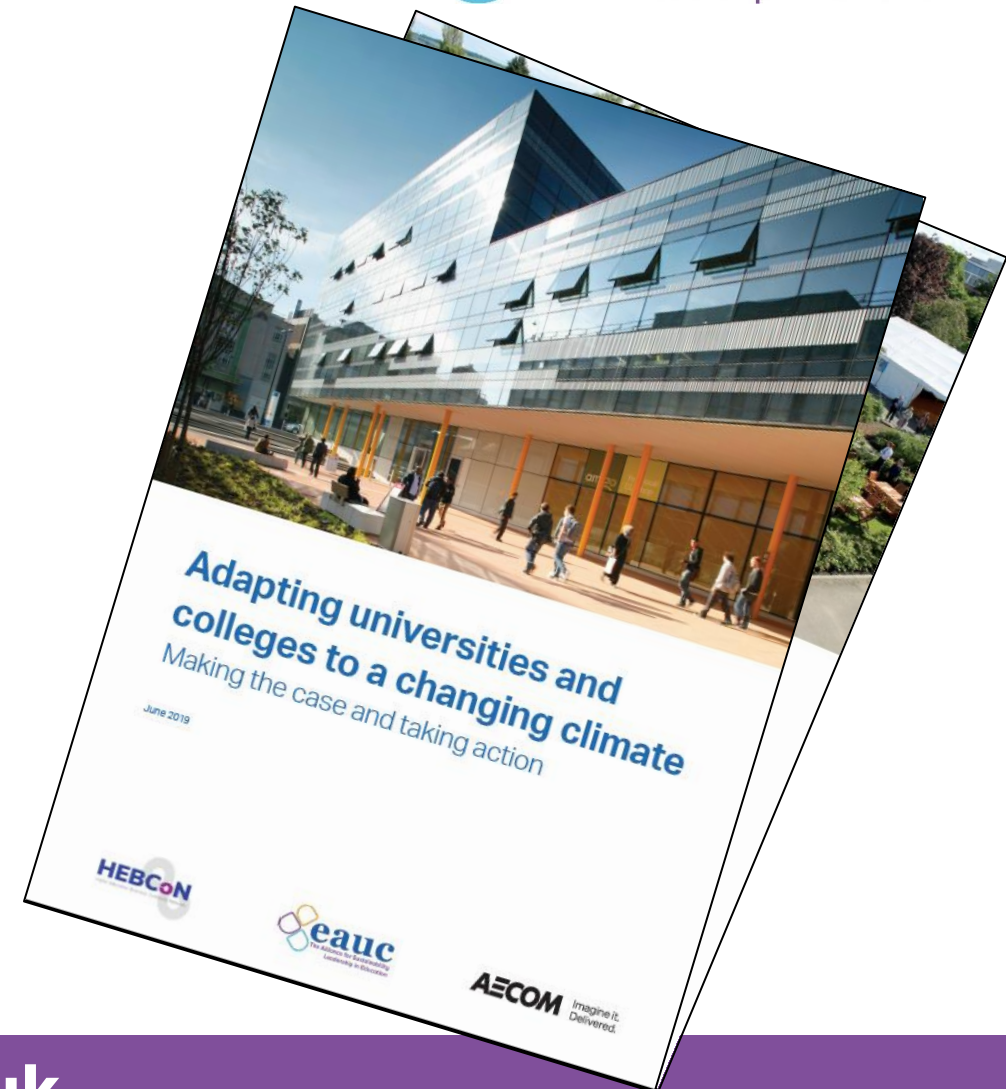


- Collaboration between EAUC and HEBCoN with AECOM support
- Working Group

Institution	Name	Job Title
Bournemouth University	Dr Neil Smith	Sustainability Manager
Bournemouth University	Shona Nairn-Smith	Business Support Manager
Cardiff University	Mark Durdin	Maintenance Officer (Energy and Sustainability)
Fife College	John Wincott	Environmental Services Coordinator
University of Derby	Rosemary Horry	Senior Lecturer in Environmental Management (on secondment - Corporate Lead for Environment & Sustainability)
University of Edinburgh	Dr Elizabeth Vander Meer	Climate Policy Manager
University of Hertfordshire	Neil Allen	Improvement & Change Leader
University of Lincoln	Grant Anderson	Head of Space Strategy, Planning and Sustainability
University of the West of England	Mark Webster	Head of Business Resilience

Introducing Guide 1

- Definitions
- Climate Readiness Self-Assessment
- Elevator Pitch
- Climate Projections
- Key Risks to the Sector – and Opportunities
- Skills and Knowledge Requirements
- Useful Tools
- Using your Existing Resilience Framework
- Adaptation Approaches
- Case studies from the Sector



Self-Assessment

Which milestone are you working towards?

Milestone
01.

Establish the case for action

My organisation:

- Has senior leadership that understands climate change will have implications for delivery of critical functions and services.
- Has senior leadership that understands climate change may present opportunities for agile organisations.
- Has someone who is officially responsible for identifying potential climate risks and opportunities.

Milestone
02.

Identify risks & opportunities

My organisation:

- Has dedicated resources to undertake a climate change risk and opportunities assessment.
- Understands the impact of past extreme weather events (e.g. amount of disruption, cost of damage).
- Is aware of the relevant climate change projections for our region of the UK.
- Understands how projected changes in climate may positively and negatively influence delivery of critical functions and services at different time horizons (e.g. 2030, 2050).

Milestone
03.

Execute adaptation strategies

My organisation:

- Has a clear understanding of the proactive measures that are needed to address climate change risks and realise opportunities.
- Has established relationships with other organisations that need to be involved in implementation (e.g. Council, adjacent landowners).
- Has allocated appropriate resources to finance and implement the measures.
- Has established a process for monitoring implementation progress and reviewing effectiveness.

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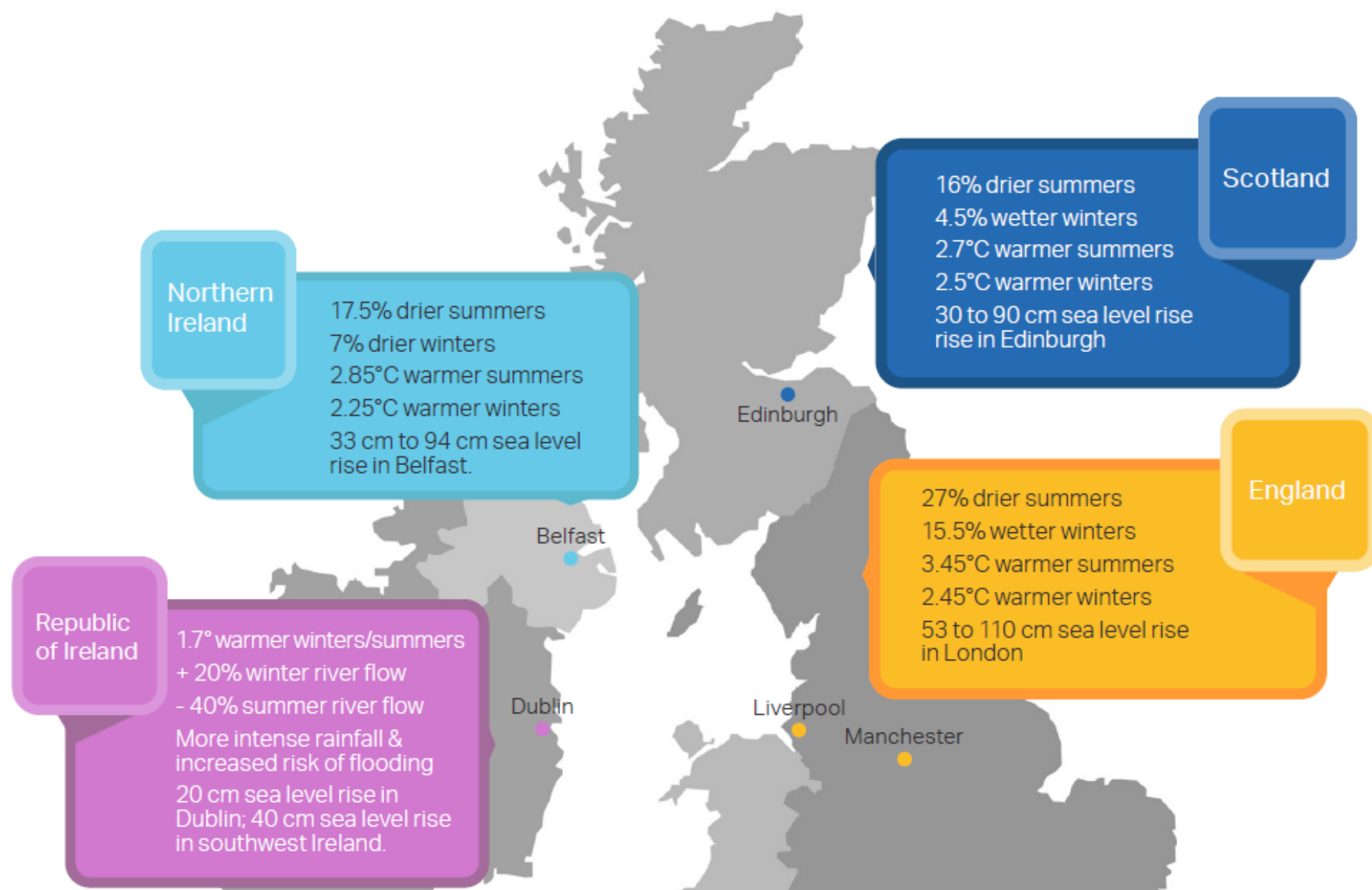
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Making an Elevator Pitch



- Why an Elevator Pitch
- Our Elevator Pitch
- How would you adapt this for your institution?

The map below shows headline level climate projections by devolved area of the UK and the Republic of Ireland. 2070s time period, high emissions scenario (RCP8.5).



Key Risks to the Sector

- Infrastructure and business continuity
- Health, safety and wellbeing
- Reputation and student recruitment
- Political landscape

And opportunities!



Adaptation Approaches

Three types of approaches:

- Reducing exposure
- Reducing sensitivity
- Increasing adaptive capacity



Examples:

- Investigation
- Policy, procedures and systems
- Behavioural
- Nature-based solutions
- Technical (engineered)
- Maintenance and assessment management regimes

Business Continuity Approach

- Why a Business Continuity Approach?
- Critical Functions
 - How does the climate affect this function in your region?
 - Now
 - In the Future
 - What are the top risks to this function?

Example Critical Functions

Learning & Teaching (pedagogy, quality, currency and relevance)

Research

Estates and Infrastructure

Student Recruitment / Market

IT Infrastructure and Systems

People and Wellbeing

Commercial Services (e.g. catering)

Commercial Ventures / Partnerships

Critical Events, such as examinations and graduation

Introducing Guide 2



Access the Resources

- Guide 1: Adapting universities and colleges to a changing climate: making the case and taking action
- Guide 2: Using an existing organisational resilience framework to develop a climate change adaptation plan
- Case studies from the sector of weather impacts
- Case studies from the sector of adaptation actions
- Example adaptation strategies
- Mapping of ISO14001:2015 and adaptation

www.eauc.org.uk/adaptation

