Deliverable for 4.1
Deliverable n.12

Report on

European Climate Change Adaptation Conference 2023

29/11/2023

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6TH EUROPEAN CLIMATE CHANGE ADAPTATION CONFERENCE

June 19-21, 2023
Dublin, Ireland

CONFERENCE REPORT

Conference Hosts

University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

MaREI
Energy · Climate · Marine

Conference Sponsors

epa
Environmental Protection Agency
An tGníomhaireacht um Chaomhnú Comhshaoil

esa

Comhairle Cathrach
Bhaile Átha Cliath
Dublin City Council

Rialtas na hÉireann
Government of Ireland

CARO

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Introduction

This report outlines the takeaways from the 2023 edition of the European Climate Change Adaptation Conference (ECCA 2023). This includes both the scientific takeaways from each theme featured at the conference, and the organizational lessons learned that may benefit future editions. The former is based on the impressions formed by theme leads (see Themes and Submissions) during the conference, and the latter on feedback from surveys sent after the conference.

This report also serves as a deliverable under the MAGICA Coordination and Support Action.

ECCA 2023 aimed to foster collaboration, knowledge exchange and transformative action in climate change adaptation and resilience-building. Under 6 themes, the conference organized a diversity of sessions to showcase tools, solutions, good practices, and other research outcomes.

ECCA 2023 continued the tradition of previous editions held in Hamburg (2013), Copenhagen (2015), Glasgow (2017), Lisbon (2019) and the online edition in 2021. In-person tickets for the conference sold out, although the venue capacity was admittedly lower than previous editions (see figure 1).
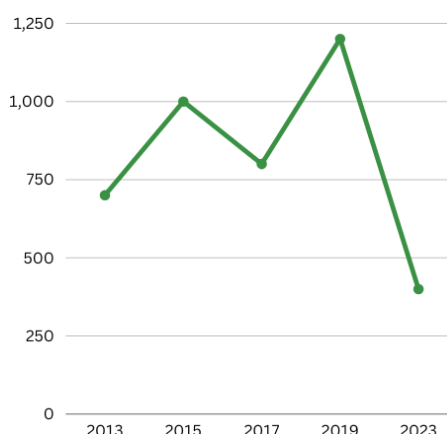

Figure 1 In-person participants per ECCA edition (excl. 2021 online-only edition)

Programme

The bulk of the programme consisted of concurrent sessions. Morning slots consisted of 120 minutes, while the mid-morning and early afternoon sessions occurred in slots of 110 minutes, which contained either a single session or two 45-minute sessions with a 10-minute interval to accommodate the change. Late afternoon sessions ran for 75 minutes. Figure 2 shows an example of the resulting schedule for rooms in the venue.
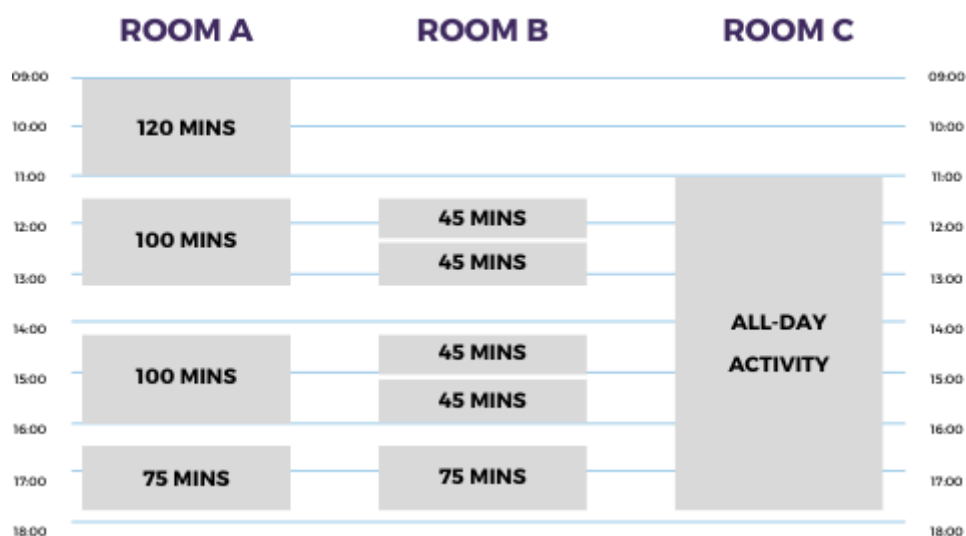

Figure 2 Example of schedule

In addition, the programme also featured all-day activities. Firstly, the ECCA Cinema was a continuous activity which showcased submitted video materials on research projects, adaptation examples and other initiatives. Secondly, the 'Critical Climate Machine' art installation was also available throughout the conference. Selected posters on research projects and adaptation-related initiatives were also displayed on a loop in the main break area, where there were also booths dedicated to some of the organizers and sponsors.

The ECCA Piazza also hosted activities of various lengths throughout the day, where the objective was to create a more direct, interactive setting to accommodate demonstrations of specific tools and presentations that were shorter and/or not clearly aligned to one of the themes.

The programme overview is available in Appendix 1. The full conference programme is available online.

Themes and submissions

ECCA 2023 featured 6 themes, under which all submissions had to align. Figure 3 shows the relative popularity of each submission type within its theme. Submission types included:

- **Posters**, which accounted for **45.6%** of all submissions
- '**interactive content**' (e.g. publication abstracts, panels, project presentations, workshops, etc.), which accounted for **45.8%** of all submissions
- '**creative arts content**' (e.g. artistic performances, art installation), which accounted for **8.6%** of all submissions
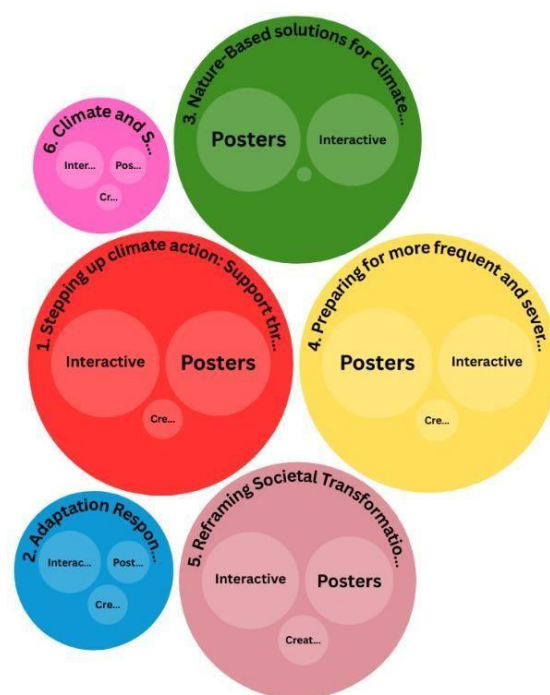

Figure 3 Packed Circle chart of submissions per theme

Additionally, several 'focus sessions' were held to feature presentations which cut across multiple conference themes on a single topic. This topic could be a location like Ukraine or Ireland, a focus on experience-sharing such as between national climate advisory bodies, or the intersection between adaptation and another field like finance or arts.

The Piazza saw contributions from both 'interactive content' and 'creative arts,' with a notable majority coming from the former. In total, 18 sessions were hosted in the Piazza, evenly distributed over the two days of the conference.

The description of each theme is available in Appendix 2. Each theme was developed with the assistance of relevant researchers, who also acted to evaluate the submissions received under their theme. They are referred to in this report as 'theme leads'. The number of submissions received under each theme is available in Appendix 3. Figure 3 is an overview of the distribution of submissions across themes, indicating the popularity of each submission type.

By focusing more specifically on the "interactive content" submissions, the share of each theme's submissions can be compared to their representation in the conference programme. This can help to gauge the relationship between the popularity of a theme in the research communities engaging with ECCA, and the time dedicated to it at ECCA 2023.
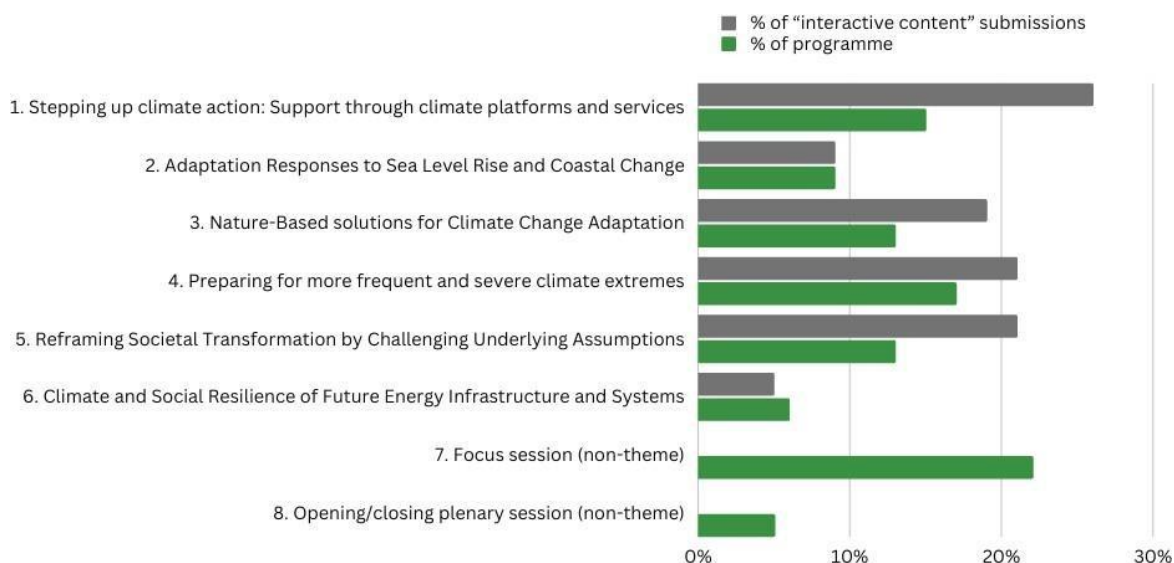
Figure 4 Overview of each theme's number of submissions and allocated time in the conference schedule

Submission and Review process

The call for submissions for ECCA was open from **January 30, 2023** until February 29, which was ultimately extended until **March 10**. After the closing of the call, theme leads reviewed submissions and scored them on the following assessment criteria:

- Structural organization
- Theoretical/ methodological/ analytical fit
- Clarity of claims/findings
- Contextualisation of the study: design and relevant literature
- Relationship between abstract title & abstract content
- Originality of topic and relevance to ECCA

Note: the assessment of proposals based on these criteria was more of a recommendation than a strict guideline for theme leads. Furthermore, while the majority of these criteria were applied to score interactive sessions and posters, a more flexible approach was taken for creative arts at the discretion of the theme leads.

Theme	Theme Leads
Theme 1 Stepping Up Climate Action: Support Through Climate Platforms and Services	Roger Street (Oxford University/ CMCC) Maria Wolff (Climate Service Center Germany)
Theme 2 Adaptation Responses to Sea Level Rise and Coastal Change	Giulia Galluccio (CMCC) Gundula Winter (Deltares)
Theme 3 Nature-Based Solutions for Climate Change Adaptation	Rita Sousa Silva (BiodivClim/University of Freiburg) Patricia Kammerer (Biodiversa)
Theme 4 Preparing for More Frequent and Severe Climate Extremes	Tiago Capela Lourenço (CE3C, University of Lisbon) Marta Terrado (Barcelona Supercomuting Centre) Carolina Vieira (CE3C, University of Lisbon)
Theme 5 Reframing Societal Transformation by Challenging Underlying Assumptions	Elisabeth Worliczek (BOKU) Mimi Amaichigh (BOKU)
Theme 6 Climate and Social Resilience of Future Energy Infrastructure and Systems	JPI Climate CS Per Anker-Nielsen (Confederation of Norwegian Enterprise)

Following the assessment of proposals by theme leads, each proposal was categorized as follows:

Interactive Content	Posters	Creative Arts
Accepted	Accepted for conference + ECCA2023 website	Accepted for arts
Accepted for piazza	Accepted only for ECCA2023 website	Accepted for piazza
Declined	Declined	Declined

The JPI Climate CS coded the proposals accordingly:
- AAAP: Accepted as a poster
- AAAPz: Accepted for piazza
- AAAArt: Accepted as creative arts
- DDD: Declined
- AAA1: Accepted as interactive session under Theme 1
- ...so on

The coded distribution of proposals was communicated to the University College Cork (UCC), the conference host, who, in turn, informed the submitters/authors of the decisions. Authors accepted for an interactive session under a theme were directed to contact the respective theme leads, authors accepted for piazza and creative arts contributions were asked to contact the JPI Climate CS, and authors of posters were instructed to submit their posters to the UCC.

As part of the evaluation process, theme leads were also responsible for suggesting time slots and durations for the interactive session proposals they approved for the conference. Combining these suggestions with venue information from the UCC, the JPI Climate CS crafted a preliminary program.

The designated contact person(s) for authors then shared relevant details, including the date, time slot, duration, venue, audience, and technical capacities, for their selected sessions.

Registration
Registrations for the conference opened on **March 16th 2023**, with an early bird registration entailing a discounted fee of 130 euros until May 10th, and a standard fee of 200 euros onwards of May 11th.

A total of **575** individuals registered for **in-person participation**, with 312 opting for the Early Bird registration and an additional 24 completing their registrations on-site at Dublin Castle. These in-person registrations represented a diverse turnout, originating from 37 different countries.

902 participants registered for **online participation**, representing 70 different countries.

Social Media Communication & Engagement
Throughout ECCA, the social media engagement was robust across various platforms.

- On the ECCA2023 **YouTube** channel, Tuesday's (day 2) videos garnered 2k viewers while Wednesday's (day 3) videos reached 1.9k viewers, within two weeks, contributing to a current subscriber base of 176, showing a growth of 6 in the last 28 days post-ECCA.

- **LinkedIn** witnessed 70 posts in the MAGICA-JPI Climate group, fostering interaction among its 594 members, and 7 external posts.
- **Twitter** activity was notably high, with 61 tweets resulting in 103,000 impressions, 11,500 profile visits, and an increased follower count of 3,660 of the ECCA2023 account by the end of June. The hashtag #ECCA2023 was also featured in around 700 external posts, demonstrating an active engagement.
- **Mastodon**, a newly launched channel, showcased 32 internal ECCA items.
- **Instagram** collectively posted 136 items across ECCA, JPI Climate, and MAGICA channels.

Additionally, a special edition ECCA2023 **newsletter** was sent in July to subscribers of MAGICA and participants of ECCA2023, which garnered 301 views.

Key Messages per theme

At the conclusion of ECCA 2023, theme leads presented the key messages they took from the session organised under their theme:

1. **Stepping Up Climate Action**: This theme emphasized the urgency of adaptation and the need to bridge gaps between scientific knowledge and practical implementation. While progress has been made in developing climate platforms and services, further efforts are needed to connect them to local actions. Mobilization and scaling up the implementation of tools were emphasized, as well as the importance of learning from both successes and failures through communities of practice.

2. **Adaptation Responses to Sea Level Rise and Coastal Change**: Recognizing the inevitability of sea level rise, the focus here was on long-term perspectives and the importance of people-centred approaches. Providing accessible and transparent information is crucial for community engagement, with a particular emphasis on equitable decision-making to ensure fair distribution of adaptation investments and benefits across different societal groups.

3. **Nature-Based Solutions for Climate Change Adaptation**: Nature-based solutions were highlighted as innovative approaches to combat climate change, leveraging the inherent resilience of natural systems. Transdisciplinary collaboration was emphasized to engage diverse actors, stakeholders, and communities in designing and implementing actionable knowledge. Successful implementation of nature-based solutions involves translating conceptual ideas into tangible actions on ground, with stakeholder engagement playing a key role in fostering ownership and social acceptance.

4. **Preparing for More Frequent and Severe Climate Extremes**: This theme stressed the increasing frequency of cascading climate events, necessitating robust preparation. Success stories in adapting to extreme events, such as nature-based solutions and planning strategies, were shared, offering valuable insights for best practices. The use of storylines and narratives was emphasized for visualizing potential futures and guiding adaptive strategies, while integrable tools and financial aspects were highlighted for efficient adaptation.

5. **Reframing Societal Transformation by Challenging Underlying Assumptions**: Embracing creativity, cooperation, diversity, and local knowledge were discussed as means to foster innovation and inclusivity in climate adaptation. Asymmetries and wealth disparities need to be addressed to achieve equitable adaptation, ensuring that vulnerable communities receive adequate support to cope with climate impacts. By challenging underlying assumptions, societies can promote transformative change and sustainable development.

6. **Climate and Social Resilience of Future Energy Infrastructure and Systems**: Transitioning to renewable and sustainable energy sources is crucial for climate adaptation, and incorporating climate considerations into infrastructure planning and placemaking enhances adaptive capacity and resilience. Embedding climate adaptation into regulations and making transformative investments in renewable energy and energy efficiency will be essential steps for a resilient energy sector.

The key messages from each theme highlight the importance of collaboration, implementation, and policy support in effectively addressing climate-related challenges.

Feedback

While ECCA 2023 achieved significant milestones, participants identified areas for improvement. Feedback from participants was sourced through a Mailchimp survey, polling online (56 responses) and in-person (128 responses) participants separately on their conference experience. The full survey is available in Appendix 4.

Participants noted an overall positive experience of ECCA 2023, indicating that sessions were well-connected to their work or interests. As the main objectives for attending the event were (1) listening to adaptation examples or tools/platforms for climate action, (2) building their network, (3) learning about research trends and knowledge gaps, the overall value proposition of ECCA 2023 was in line with the expectations of participants. Consequently, polled participants expressed interest in future editions of the event.

Based on feedback, the main recommendations for future editions include:
- Stronger organisational management, with stricter deadlines
- More communication and transparency throughout the submission process
- A more balanced programme, with more focus on implementation and decision-making

- Better integration of the ECCA Piazza into the conference
- More attention to room allocation and potential scheduling conflicts
- A more diverse selection of session formats, while reducing the total amount of content
- More internal cohesion between presentations grouped in a single session
- Stricter time management of sessions
- More communication prior to the conference, offering more information on the programme earlier on and a more detailed programme during the conference
- A more meaningful method of showcasing posters and encouraging engagement between posters and participants
- More networking opportunities, more interaction between researchers, policy makers and practitioners, and more attention to engaging non-researchers
- More livestreams, with more options for online interaction
- Improved catering, with more consideration for vegetarian and vegan diets

More information on these points can be gleamed from the open-text responses, where the most common feedback points regarding aspects of ECCA2023 that could be improved are:

- **Programme content**: Some respondents felt that there were not enough practical examples of adaptation being showcased, and that presentations were at times overly academic or hypothetical. This is reflected also in comments expressing a desire for more non-researchers represented in the sessions.

  While several comments celebrate the abundance of interesting sessions in the program, sessions under the same theme were unfortunately sometimes held simultaneously. Alternatively, some sessions seemed to lack internal coherence between the presentations grouped therein.

  The PIAZZA was a laudable attempt to accommodate single presentations of varying lengths, but feedback from participants indicates its activities did not always receive sufficient attention. This can be due to a combination of factors (the location of the PIAZZA, the integration of the PIAZZA schedule in the overall program, etc.).

  Future editions of the conference should consider more diversity in the length and specificity of sessions. This can mean allowing shorter, focused presentations when warranted, but also to ensure presentations that are grouped into one session/panel are internally coherent and result in a clear output or message. Longer sessions could allow, for example, for more use cases and applications of a presented tool. Shorter sessions could be complemented by extended abstracts or abstract books. Future editions might also consider using the program to denote whether a session is research-or practitioner-based, and whether a session is highly interactive or not. The

  A rich program also comes with a responsibility to manage time strictly, particularly for morning sessions and sessions in the most-used rooms. Allocating people to enforce the scheduled limits avoids impacting others, as well as ensures time dedicated to the benefit of the participants (e.g. Q&A slots, breaks) are maintained.

- **Information and communication**: Participants expressed a desire for more detailed information prior to the conference, including session details and scheduling. The level of detail per session/presentation that will be available should always be set well in advance of the final program and considered against the ease-of-navigation for the entire program.

Earlier communication of the program, preferably with consideration of the deadline for early-bird registration, may help participants make a more informed choice to register.

This, in turn, relies on early and regular communication with organizers preparing sessions. Last-minute changes are never entirely avoidable but can be mitigated in part by providing comprehensive information up-front to and setting stronger organizational deadlines.

In addition, some feedback requested better up-to-date changes to session details during the conference. Clear signage is also important, in particular for participants with reduced mobility or neurodiverse participants.

- **Poster session**: Several participants were disappointed with the poster presentation format, stating that the posters were not adequately showcased and there was limited time to view them. They suggested having a dedicated poster session for more meaningful engagement.

- **Venue, organisation, and logistics**: Feedback included concerns about the allocation of rooms, as it resulted in overcrowding in some sessions and larger rooms with lower attendance. Albeit challenging to confidently gauge interest in advance for every presentation, this is a crucial consideration for future editions of ECCA where room size is a factor.

  Within the selected venue, several buildings were needed to accommodate the conference. However, some feedback indicates this affects the ability of participants to interact, network and explore sessions across all rooms in the venue.

- **Networking and interaction**: Some feedback indicated a desire for more opportunities to engage between different stakeholders and more opportunities for discussion and collaboration. In part, this may be a consequence of the dense programme spread over the disparate buildings within the selected venue.

- **Food and catering**: Some participants mentioned the quality and variety of food options, specifically highlighting issues with vegetarian and vegan choices. They suggested improving the quality and variety of meals provided.

- **Session selection and overlap**: Participants mentioned challenges in choosing sessions due to the overlap of topics and sessions running concurrently. They suggested clearer session descriptions and better coordination to avoid scheduling conflicts.

- **Time management**: Feedback included concerns about sessions running over time, leading to limited time for questions and discussions. Participants suggested better adherence to time limits to allow for more efficient scheduling.

- **Engagement with decision-makers**: Some attendees felt that there was a lack of engagement with decision-makers and a disconnect between research presentations and practical implementation. They wanted to see more interaction between researchers, policymakers, and practitioners.

Appendix 1: Programme overview

ECCA 2023 PROGRAMME

Welcome to ECCA2023!

As you navigate through the exciting programme of our conference, you may notice that each session is distinctly marked with vibrant hues. These color-coded sessions are designed to enhance your conference experience, and they align with the thematic topics that shape our conference.

→ <u>Read more about each thematic topic</u>

We understand that attending a conference can be a whirlwind of information, so let this visual system help you quickly identify and locate sessions that align with your interests, expertise, or desired learning outcomes. Let's delve into the significance of our color-coded session structure, ensuring that you make the most of your time at ECCA 2023.

Stepping Up Climate Action: Support Through Climate Platforms and Services

Adaptation Responses to Sea Level Rise and Coastal Change

Nature-Based Solutions for Climate Change Adaptation

Preparing for More Frequent and Severe Climate Extremes

Reframing Societal Transformation by Challenging Underlying Assumptions

Climate and Social Resilience of Future Energy Infrastructure and Systems

Focus Session: a Cross-Cutting Mix on a Specific Topic

ECCA CINEMA: video-based art and video presentations

PIAZZA Activities: shorter, interactive Forums, Tools and Presentations

SIDE EVENT: extra Activities that are organized near the Conference Venue

ECCA 2023 PROGRAMME

The 2023 edition of the European Climate Change Adaptation Conference will take place at the Dublin Castle. The sessions, art installations, presentations, and other activities are held in rooms across this historic site.

➡️ For directions to the venue

Printworks

Printworks is the entry point for ECCA2023. Participants can **check in** here. Catering is served in its **Foyer** during breaks. The conference also officially opens and closes in its **Plenary Room**. Several other sessions are held here too, as well in the adjacent **Poddle Room**.

Its **Courtyard Room** is dedicated to ECCA Cinema, which plays a selection of video presentations and video-based art.

Bedford Hall

Bedford Hall offers three rooms, all on the ground floor. Its largest room, the **Castle Hall**, is dedicated to the variety of PIAZZA Activities.

The adjacent rooms **Guard Room** and **Crown Jewels Room** are also used for sessions.

Hibernia

Hibernia hosts two rooms, used for sessions during the conference. The **La Touche Room** is located on the ground floor, while the **Conference Hall** can found on the lower ground floor. The **President's Room** on the first floor offers an inspiring art installation.

4 min walking
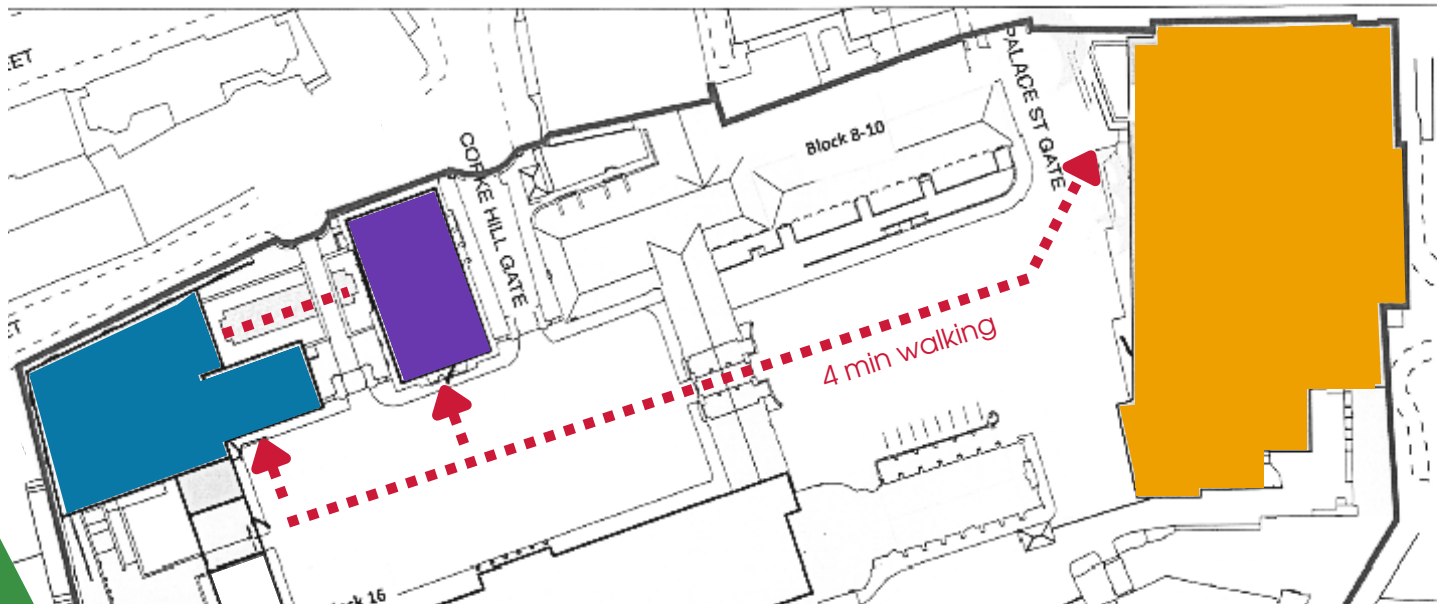
Printworks Conference Centre
- Plenary Room
- Foyer
- Courtyard Room
- Poddle Room

Bedford Hall
- Castle Hall
- Guard Room
- Crown Jewels Room

Hibernia Conference Centre
- Hibernia Conference Hall
- La Touche Room
- President's Room

MONDAY JUNE 19TH

Although the conference opens officially on Tuesday June 20th, there are **two side events** scheduled for Monday afternoon which you can attend. In addition, you can already **check-in** for ECCA2023 at **Dublin City Hal**l between 14:00 and 16:00.

We offer **early check-in** for ECCA2023 at **Dublin City Hall** from 17:00, where there will also be an **evening reception** with Caroline Conroy, the Lord Mayor of Dublin, starting at 18:30.

SIDE EVENT
ROYAL IRISH ACADEMY

AXIS RESEARCH PROGRAMME FINAL EVENT: HIGHLIGHTS FROM HOLISTIC CLIMATE IMPACTS, ECONOMICS AND PATHWAY RESEARCH 13:00 -17:00

Chaired by Rolf von Kuhlmann, DLR

Drawing on 3 to 4 years of research, the AXIS side event at ECCA2023 will showcase key results of **ten AXIS projects**. The session will cover a range of topics such as d**roughts, linkages to biodiversity and bioeconomy, land-use change for mitigation and adaptation, and holistic scenario development**. The event will be relevant for policymakers, stakeholders and the related scientific communities alike.

AXIS builds bridges across disciplines and traditional climate impact categories, with the goal to improve stakeholder-oriented climate information and services beyond the research stands of adaptation and mitigation. Research addressed within AXIS aims at advancing and integrating various strands of climate impact research with economics and wider scenario research considering the UN Sustainable Development Goals.

SIDE EVENT
DUBLIN CITY HALL

invitation-only
contact Sari Lappi
(slappi@wmo.int) for more information or invitations

WORLD METEOROLOGICAL ORGANIZATION AND COPERNICUS CLIMATE CHANGE SERVICE: LAUNCH OF THE STATE OF THE CLIMATE IN EUROPE 2022 REPORT 14:00-16:00

Chaired by Eoin Moran, Met Éireann

The WMO State of the Climate in Europe 2022 is the second of an annual series successful started last year. This joint publication by WMO's Regional Association for Europe (WMO RA VI) and the European Union's Copernicus Climate Change Service summarizes the state of the climate, and the extreme and high-impact weather and climate events in 2022 for WMO RA VI (Europe) domain, placed in context of long-term climate variability and climate change. Furthermore, the report includes a climate policy section, concentration this year on energy sector. The launch event of the report is organized in cooperation with the World Meteorological Organization, Copernicus Climate Change Services and Met Éireann.

with **Rebecca Emerton**, Scientist, Copernicus Climate Change, ECMWF

Andrew Ferrone, Head of Meteorological Department, Administration des services techniques de l'agriculture, Luxembourg
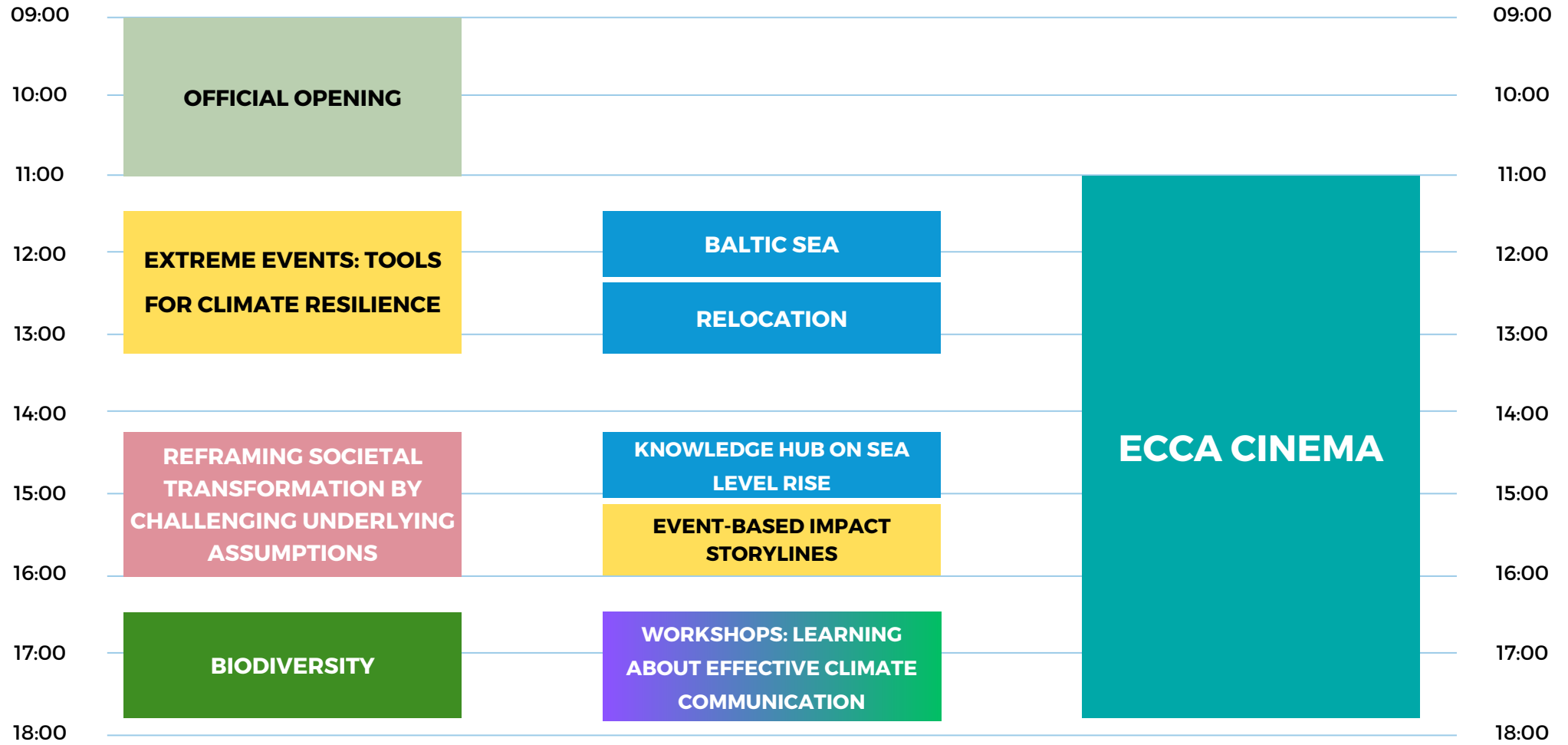
PRINTWORKS

	PLENARY ROOM	PODDLE ROOM	COURTYARD ROOM

TUESDAY JUNE 20TH

Time	PLENARY ROOM	PODDLE ROOM	COURTYARD ROOM
09:00			
10:00	OFFICIAL OPENING		
11:00			ECCA CINEMA
12:00	EXTREME EVENTS: TOOLS FOR CLIMATE RESILIENCE	BALTIC SEA	ECCA CINEMA
13:00		RELOCATION	ECCA CINEMA
14:00			ECCA CINEMA
15:00	REFRAMING SOCIETAL TRANSFORMATION BY CHALLENGING UNDERLYING ASSUMPTIONS	KNOWLEDGE HUB ON SEA LEVEL RISE	ECCA CINEMA
16:00		EVENT-BASED IMPACT STORYLINES	ECCA CINEMA
17:00	BIODIVERSITY	WORKSHOPS: LEARNING ABOUT EFFECTIVE CLIMATE COMMUNICATION	ECCA CINEMA
18:00			

SIDE EVENT
DUBLIN CITY HALL

STRONGER TOGETHER FOR A CLIMATE-RESILIENT NORTH.

MAINSTREAMING ADAPTATION AT THE LOCAL LEVEL   11:30 - 13:10

BEDFORD HALL

	CASTLE HALL	GUARD ROOM	CROWN JEWELS ROOM

TUESDAY JUNE 20TH

Time	CASTLE HALL	GUARD ROOM	CROWN JEWELS ROOM
09:00			
10:00			
11:00	**PIAZZA ACTIVITIES**		
12:00		**BOUNDARY ORGANIZATIONS AND CLIMATE SERVICES PLATFORMS UNITE FOR GREATER IMPACT**	**URBAN AREAS**
13:00			
14:00			
15:00		**EVALUATION AND IMPLEMENTATION**	**COASTAL AND RIVERINE AREAS**
16:00			
17:00		**COMMUNITY-DRIVEN CLIMATE RESILIENCE: ENGAGEMENT & DATA**	**CLIMATE INNOVATION: EXAMPLES FROM LVIV AND UGANDA**
18:00			
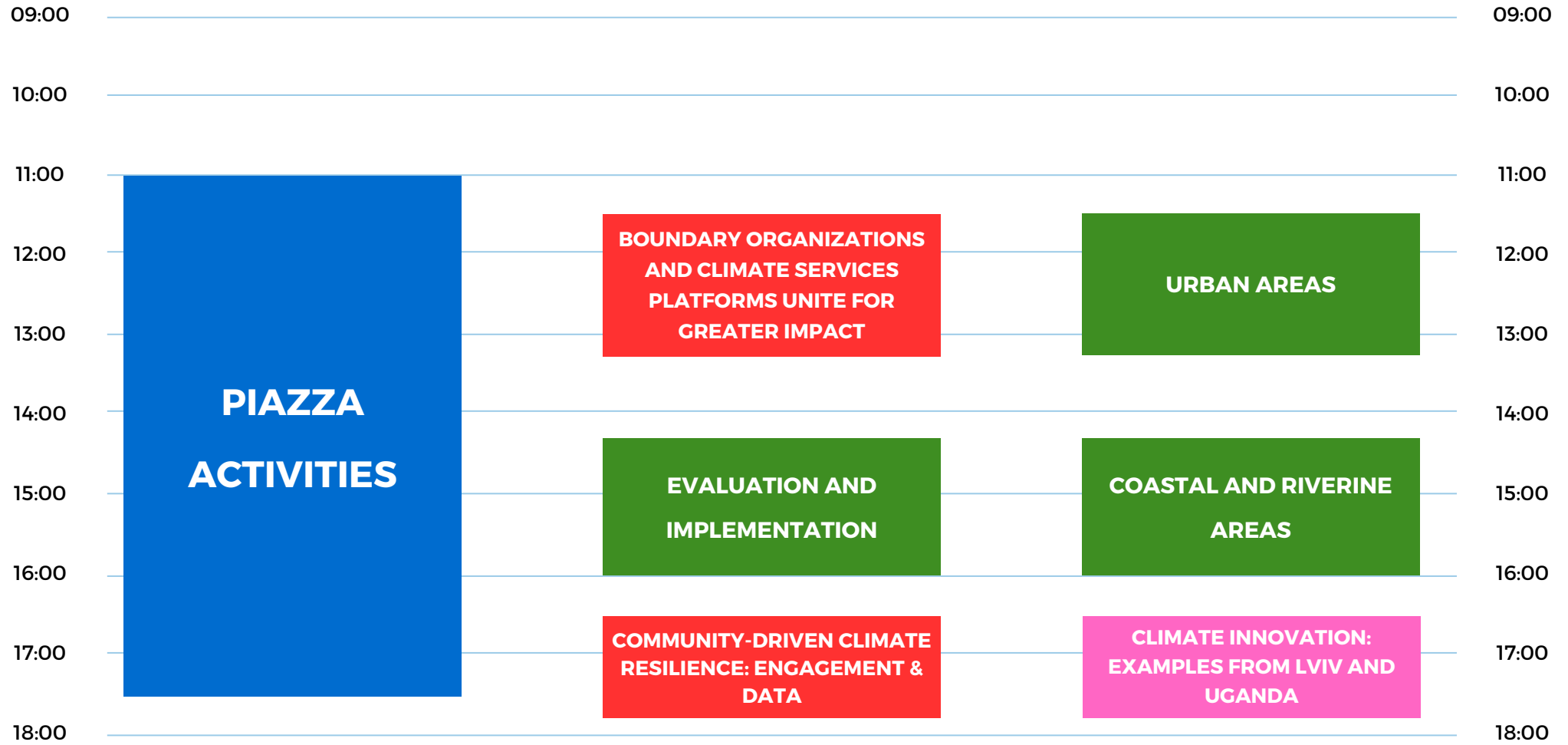
SIDE EVENT
DUBLIN CITY HALL

POLICY BRIEF WORKSHOP ON SOCIAL SCIENCES AND HUMANITIES 16:15 - 18:00

invitation-only
Please contact Mimi Amaichigh (mimi.amaichigh@boku.ac.at)
for more information or invitations

HIBERNIA

CONFERENCE HALL

LA TOUCHE ROOM

TUESDAY JUNE 20TH

	CONFERENCE HALL	LA TOUCHE ROOM	
09:00			09:00
10:00			10:00
11:00			11:00
12:00	ADAPTATION POLICY & PHILOSOPHY	COASTAL EROSION & SOCIAL VULNERABILITY	12:00
13:00		THE ROLE OF REGULATION	13:00
14:00			14:00
15:00	ADAPTATION TO CLIMATE CHANGE IN POST-WAR RECOVERY OF UKRAINE	SCALING UP SOCIAL PROTECTION	15:00
16:00		ELECTRICITY GRID RISK ASSESSMENT	16:00
17:00	CLIMATE ADAPTATION AND ARTS	TRADITIONAL KNOWLEDGE	17:00
18:00			18:00

PRINTWORKS

	PLENARY ROOM	PODDLE ROOM	COURTYARD ROOM

WEDNESDAY JUNE 21ST

Time	PLENARY ROOM	PODDLE ROOM	COURTYARD ROOM
09:00 – 11:00	WHO DOES WHAT – CLIMATE KNOWLEDGE PLATFORMS IN EUROPE	CITIES: PLATFORMS, DATASETS AND TOOLS FOR URBAN CLIMATE ADAPTATION	ECCA CINEMA
11:00 – 13:00	ADAPTATION DECISION-MAKING	YOUTH-LED ADAPTATION / CONNECT4ADAPTATION	ECCA CINEMA
14:00 – 16:00	STAGING EWS STORIES	LET'S ASSESS RESILIENCE! / EXPERIENCES OF CLIMATE COUNCILS	ECCA CINEMA
16:00 – 18:00	OFFICIAL CLOSING		
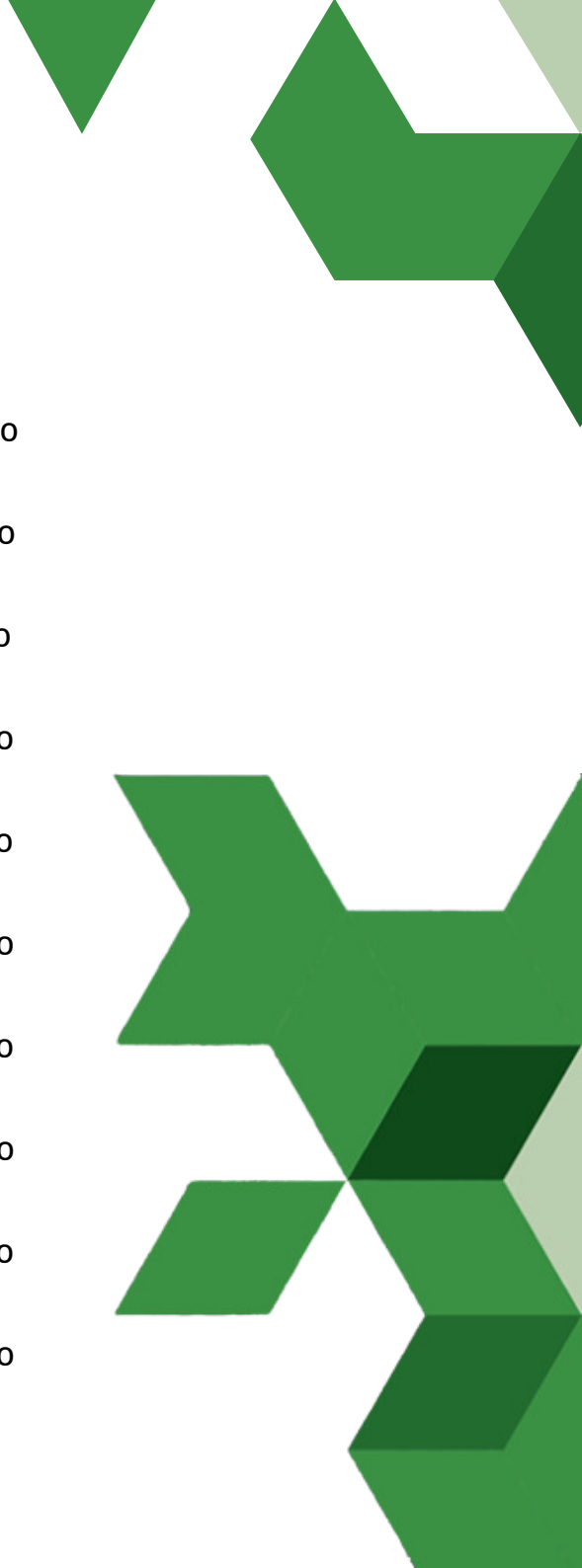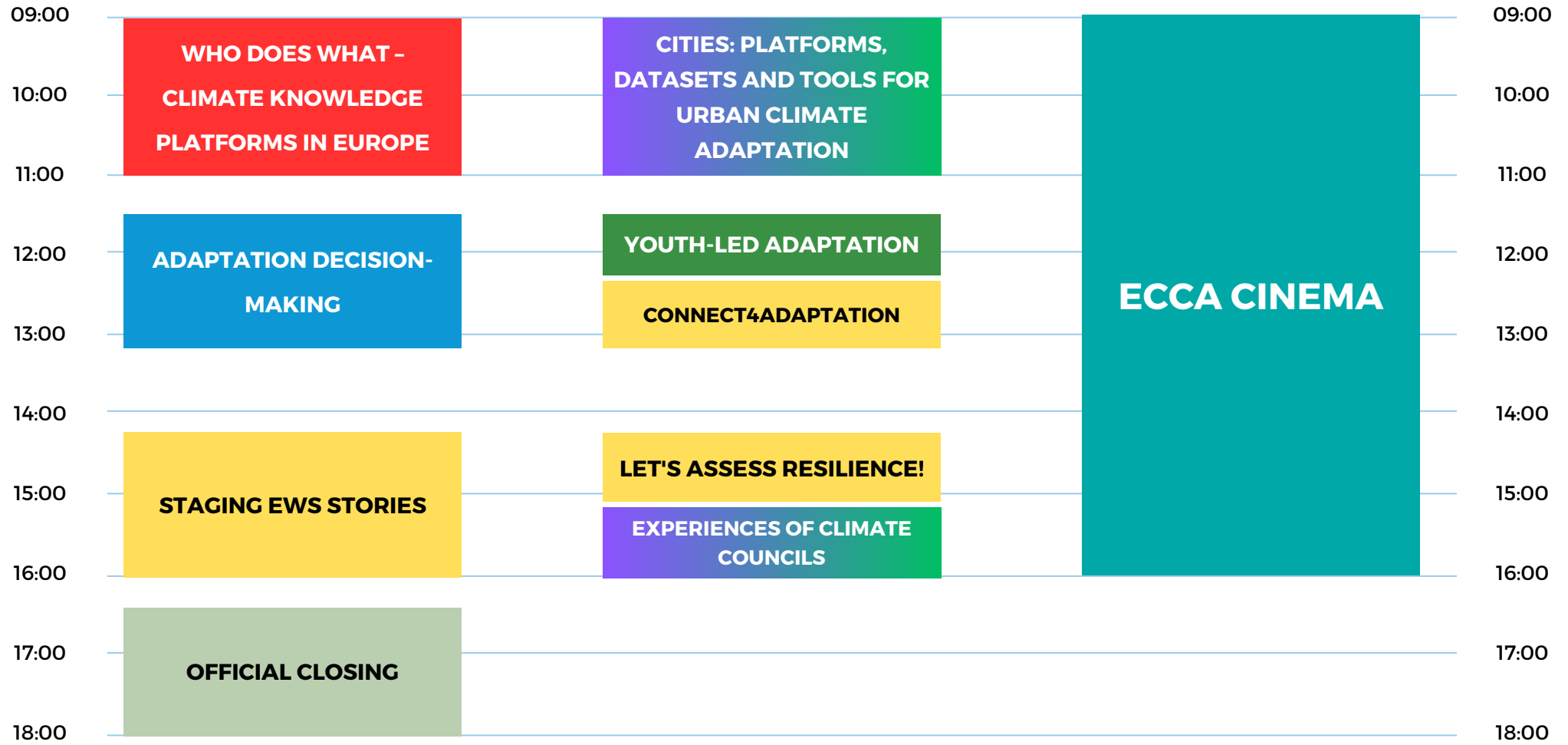
SIDE EVENTS
ROYAL IRISH ACADEMY

EXTREME EVENTS WORKSHOP 11:30 -13:20

LEARNING FROM COMMUNITY-BASED ADAPTATION PRACTITIONERS OUTSIDE EUROPE   14:20 - 16:00

BEDFORD HALL

	CASTLE HALL (PIAZZA)	GUARD ROOM	CROWN JEWELS ROOM
09:00			
10:00	PIAZZA ACTIVITIES	HEAT STRESS, URBAN COOLING: SOLUTIONS AND INEQUITIES	MAKING THE MISSION POSSIBLE: INFORMING AND CHARTING TRANSFORMATIVE PATHWAYS FOR EUROPE'S REGIONS
11:00			
12:00		SOCIAL CHALLENGES IN THE ENERGY TRANSITION INNOVATION	TRANSFORMATIONAL CHANGE
13:00		SELECTING STAKEHOLDERS AND USERS	STANDARDISATION OF CLIMATE SERVICES
14:00			
15:00		COMMUNITIES OF PRACTICE	CLIMATE FINANCE
16:00		QUIZ AND STORIES	
17:00			
18:00			

WEDNESDAY JUNE 21ST

HIBERNIA

CONFERENCE HALL

LA TOUCHE ROOM

WEDNESDAY JUNE 21ST

Time	CONFERENCE HALL	LA TOUCHE ROOM	Time
09:00			09:00
10:00	IRELAND	SCIENCE AND ACTIVISM: KNOWLEDGE TO CHANGE THE WORLD	10:00
11:00			11:00
12:00	NARRATIVES	DEMONSTRATION OF CLIMATE ADAPTION TOOLS	12:00
13:00			13:00
14:00			14:00
15:00	EMPOWERMENT, EDUCATION, YOUTH	CREATIVE APPROACHES	15:00
		POLICY IMPLEMENTATION	
16:00			16:00
17:00			17:00
18:00			18:00

Appendix 2: Theme Descriptions

Theme	Description
1. Stepping Up Climate Action: Support Through Climate Platforms and Services	Climate services, including web-based climate adaptation platforms, play a critical role in equipping Europeans towards adapting well and becoming more climate resilient. A particular challenge is continually improving the quality (relevance, usability, accessibility and legitimacy) of knowledge, resources and data. We aim to learn from those available and being used, as demand, supply and technologies evolve. What progress are we making and how do we enable and sustain the required evolution to address this challenge, thereby inspiring and better supporting smarter, faster and systemic climate action?
2. Adaptation Responses to Sea Level Rise and Coastal Change	The multidirectional and complex impacts of rising sea levels call for a variety of adaptation responses which can be infrastructure solutions such as seawalls and dikes, but also coastal wetlands and dune restoration. Relocation of people and infrastructure from flood-prone areas will have to be considered in Europe, as in other parts of the world, along with social and economic aspects. Community engagement and education are therefore crucial in finding adequate solutions to raise awareness about sea level rise impacts. We will enable dialogue among stakeholders around the best available science to jointly explore solutions that cannot be 'one-size-fits-all'. It is essential to consider potential unintended consequences as well as the equity implications of different options.
3. Nature-Based Solutions for Climate Change Adaptation	Biodiversity-climate change interaction is strong, bi-directional and often positive(actions in favour of one also benefit the other). So-called 'nature-based solutions' (NbS)can limit climate change while preserving biodiversity. NbS often have an important roleto play in adapting to impacts of climate change in particular geographic context and onspecific aspects of planning/implementation. This theme will involve researchers,practitioners, policy makers and civil society; it will question environmental, economicand social benefits of NbS and exchange best practices to promote NbS researchimpact and knowledge transfer towards policy and society.
4. Preparing for More Frequent and Severe Climate Extremes	As extreme weather events are increasing in frequency and severity across Europe, appropriate knowledge, tools and institutional arrangements are needed for assessing future hazards, planning for adaptation and developing effective climate risk management systems. Because of the large impacts on human health, ecosystems and the economy, extreme events connect with people's episodic memory leaving tangible marks in populations, policy makers, and economic agents. How is Europe making progress in understanding how extreme events, their consequences and required responses may look like under possible climate change futures?
5. Reframing Societal Transformation by Challenging	Many obstacles block true societal transformation to a climate-resilient future. They are often driven by underlying assumptions found in many spaces (civil society, public/private sector, politics, etc.) Our aim is to use a systemic approach and to analyse them through a deliberate lens. We will question the elementary function of society and rethink it and open space for discussion of

Underlying Assumptions	novel ideas and approaches. We call on social sciences, arts and humanities to imagine a different future, act beyond the framework that conditions us, mobilizing interpretive dimension as much as creative and transformative potential to anticipate innovative behaviours.
6. Climate and Social Resilience of Future Energy Infrastructure and Systems	Energy systems need to be resilient to future climate conditions as well as to societal and economic demand. The war in Ukraine has placed the societal and economic resilience of the energy system in stark focus, as well as the challenges of energy transition. Hence, the complexity of energy transition and the interlinked social implications have been tested. This has emphasized that the transition to clean energy is a matter of great cost, time and space. How can we ensure the production, storage and transport of clean, affordable energy in Europe, whilst maintaining our economy and standard of living which are both highly dependent on energy use? Through a variety of activities we want to explore and exchange knowledge and views on concrete adaptation solutions based on the best available knowledge.

Appendix 3: Submissions per theme

Theme	Submissions		Relative share	
1. Stepping up climate action: Support through climate platforms and services	Total submissions	106	% of total submissions	25
	Interactive content	*51*	**% of interactive content submissions**	**26**
	Posters	48	**% of sessions in programme**	**15**
	Creative arts	*7*		
2. Adaptation Responses to Sea Level Rise and Coastal Change	Total submissions	32	% of total submissions	7
	Interactive content	*17*	**% of interactive content submissions**	**9**
	Posters	8	**% of sessions in programme**	**9**
	Creative arts	*7*		
3. Nature-Based solutions for Climate Change Adaptation	Total submissions	85	% of total submissions	20
	Interactive content	*37*	**% of interactive content submissions**	**19**
	Posters	47	**% of sessions in programme**	**13**
	Creative arts	*1*		
4. Preparing for more frequent and severe climate extremes	Total submissions	102	% of total submissions	24
	Interactive content	*41*	**% of interactive content submissions**	**21**
	Posters	53	**% of sessions in programme**	**17**
	Creative arts	*8*		
5. Reframing Societal Transformation by Challenging Underlying Assumptions	Total submissions	86	% of total submissions	20
	Interactive content	*41*	**% of interactive content submissions**	**21**
	Posters	34	**% of sessions in programme**	**13**
	Creative arts	*11*		
6. Climate and Social Resilience of Future Energy Infrastructure and Systems	Total submissions	19	% of total submissions	4
	Interactive content	*10*	**% of interactive content submissions**	**5**
	Posters	6	**% of sessions in programme**	**6**
	Creative arts	*3*		
Focus session (non-theme)	Total submissions	N/A	% of total submissions	N/A
	Interactive content	*N/A*	% of interactive content submissions	N/A

	Posters	N/A	**% of sessions in programme**	**22**
	Creative arts	N/A		
Opening/closing plenary session (non-theme)	Total submissions	N/A	% of total submissions	N/A
	Interactive content	N/A	% of interactive content submissions	N/A
	Posters	N/A	**% of sessions in programme**	**5**
	Creative arts	N/A		

Appendix 4: Feedback Survey

ECCA 2023 Feedback

Question 1 has 127 answers (Range)   Avg rating: 3.5

"How would you rate your overall experience of ECCA 2023?"
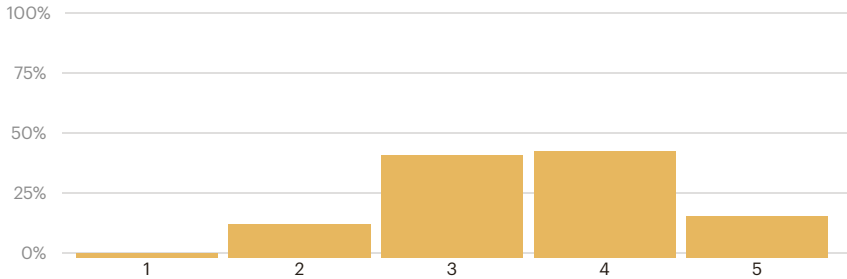
Question 2 has 128 answers (Checkboxes)

"What were your main objectives for attending this event?"

To talk to leading researchers in my field
55   (43.0%)

To exchange with local/regional decision-makers and private sector actors
57   (44.5%)

To listen to adaptation examples or tools/platforms for climate action
100   (78.1%)

To learn about research trends and knowledge gaps
76   (59.4%)

To build my network
85   (66.4%)

To find out about other career opportunities
8   (6.3%)

Other (please specify)
4   (3.1%)
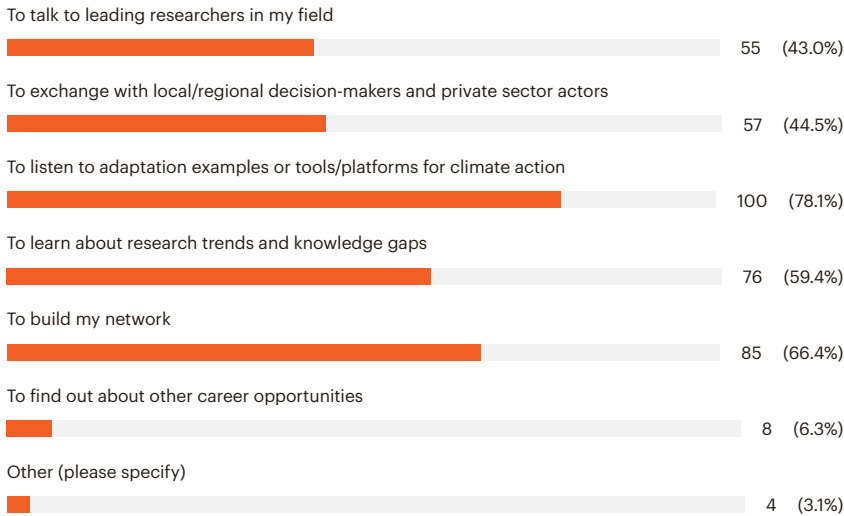
Open text responses to "other":

Unknown contact said:
"Presenting my case for multiscale NbS"

Unknown contact said:
"Also for data collection for EU Horizon project"

Question 3 has 128 answers (Range)   Avg rating: 3.5

"How informative were the sessions you attended in relation to your work or interests?"
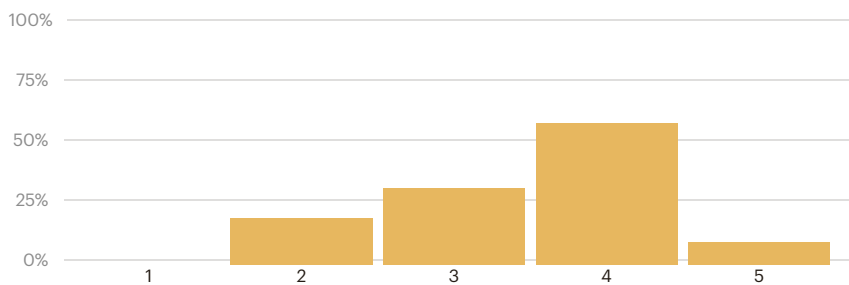
Question 4 has 127 answers (Range)   Avg rating: 4.0

"How satisfied were you with the registration process?"
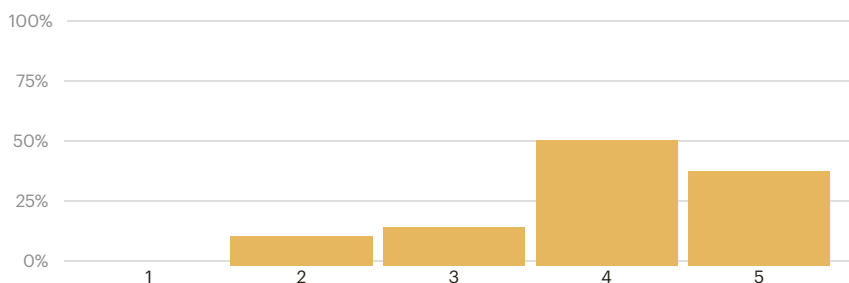
Question 5 has 108 answers (Open Text)

"What aspects of ECCA 2023 do you think could be improved?"

Quentin Lejeune said:

"Setup to show posters
Advertisement of piazza activities in the programme
Coverage of adaptation science
"

Emily Theokritoff said:

"The agenda/schedule from the conference was very confusing and unclear.
The activities from the Piazza were very poorly attended since they were at the
bottom of the agenda. The posters that we were asked to prepare were not
made visible enough and definitely did not make it possible to have a good
exchange with people who were interested.
It was also a shame that the scientific community was broadly absent from the
conference. "

Unknown contact said:

"Room sizes of workshops were much to small -> often overcrowded.
Planery room for 600 people, and workshop rooms for 40 max. ???"

Unknown contact said:

"NETWORKING!!!"

Unknown contact said:

"Every session felt extremely jam-packed (I think because of session proposals
being combined and shortened). Wish we had more time to discuss and
process all the information being delivered in a less rushed way"

Unknown contact said:

"I found the content of the conference a bit overloaded and also very broad. It
was not so easy to choose among the sessions to attend what I was looking for.
Some sessions were also overloaded with information - to much in very little
time.
If time for networking is extended in some sort of organised way, that could
replace some of the time for sessions. Perhaps also fewer and more precise
themes would help. fewer themes be complemented with more time for piazza
activities, more freely put together.
A presentation of the program and how the "structure" of the program is could
also help to guide among the sessions and activitites."

Unknown contact said:

"Examples of implementation. Accurate outline of what will be covered in pre-
conference programme "

Unknown contact said:

"allocation of rooms could have been better , il's a shame we didn't have much
place for the posters (too small to read). Final program has been relaesed very
late. "

Fausto Favero said:

"It was practically impossible to present posters, since they were rotating on the monitors every 20 seconds. The single monitor with the laptop did not help much. I would like to see better care in organising the posters in the next edition. "

Unknown contact said:

"From the ECCA2023 organisers perspective to find a method how better regulate the flow of delegates and define which sessions might be more popular with many participants and which sessions could be allocated to smaller meeting rooms."

Helder Fraga said:

"I think the registration should accept bank transfer since this is the standard for institucional registrations.

Should have build an abstract book. Since an abstract was required.

The leaflet on the badge was a good idea but with poor execution.l, since most people walked around with a book hanging from their neck.

Other than that great "

Unknown contact said:

"Time management in key sessions was limited. This meant that key voices were pushed out of formal slots (young people, Ukraine) - not a good message.

The organisation of specific sessions I was involved in was a bit chaotic: confusion about which paper when, errors to promotional text on website, change in time of slot with no warning, no chair.... Disappointing.

It would be good to share extended abstracts - otherwise why produce them?

With such a packed programme, consider 3 days? Would avoid putting strongly related themes in different parallel sessions."

Unknown contact said:

"Having more interactive sessions would be useful and effective. I found many of the sessions more - sending based. However in moving from climate change research to action - more interaction between the different stakeholders (at conferences like these) is necessary "

Unknown contact said:

"The organization was clearly lacking. The program was difficult to understand, and the rooms were badly attributed (many people in a small room and few people in a large room). The catering was not good, very little food, and the coffee breaks did not have healthy options."

Unknown contact said:

"The interventions grouped within one session sometimes did not appear to be coherent with each other or with the session's title."

Alexandra Revez said:

"The poster session was poor"

Ítalo De Sena said:

"The Piazza Sessions were pretty much empty, and I think is was due it not being held in the same venue as the main sessions. Particularly I was expecting to have the opportunity to access a larger group of participants during my session, and unfortunately we had only 4 attendees.
For next editions it would be more effective to have all sessions being held in one single venue."

Unknown contact said:

"Once the big Horizon projects have all had a presentation spot, there is very little space for anyone else. I was also disappointed with how little interaction there was as compared to ECCA in Lisbon. Lastly, I was disappointed with how few of the research presentations seemed to be engaging with decision-makers and delivering change in the real world. "

Unknown contact said:

"It would have been nice to have the opportunity to have time to read the posters. 20 seconds weren't not enought. "

Jon Xavier Olano Pozo said:

"organization!"

Unknown contact said:

"Either fewer sessions or extended to an extra day. It was difficult to choose sessions as everything seemed so relevant and interesting. Additionally, I had a poster but felt it would have been nice to have a poster session to be able to discuss my poster more with others."

Unknown contact said:

"Several sessions were hampered by trying to get online voting software running at the start or middle of a session. These didn't add anything to the sessions and ate up 10-15 min of a session through busywork.

I'd suggest either deciding on a single platform for all presenters that can be registered and set up beforehand or preferably keep discussion in the room and live..."

Unknown contact said:

"I think that some of the talks were very academic (expected), whilst this was interesting and obviously important, I would have been interested to attend more talks with practical case study examples, and would have been interested to see some talks from the private sector in order to better understand the role of consultants in supporting the achievement of climate adaptation. "

Unknown contact said:

"My main objective for attending ECCA was to share our research project through the poster I submitted. I found out, while in Dublin already, that there was no poster session - the poster was shown in one screen among hundreds of other posters scrolling so fast that people were unable to read them. So although I had a nice time at ECCA otherwise, I was very disappointed in the poster presentation, and lack of information about presenting them."

Anna Boqué said:

"The general organitzation.
There were some sessions that were not having the hour and either a chair of the session.
The posters online did not appear online.
The posters on-site appeared on-line, and 15 seconds of screen showing the poster were not enough for fruitful insights"

Unknown contact said:

"Clearly marked directions to different rooms and further information on which sessions were being conducted and where. We received paper booklets with overview information but then still had to search online for information on the actual sessions and where they were being held - it would be good if this was more efficient/streamlined.

Clearer communication with the organisers when preparing for a session in the weeks beforehand. Some agreed logistics of sessions did not occur leading to last minute changes in how the sessions could be set up."

Jane McCullough said:

"More information, sooner. There was very little information provided and those attending until a few weeks before the conference. The sessions were laid out on the agenda without enough detail of times so it was difficult to know when each person was due to talk. It would be good to have some networking events at the venue. It felt like the conference should have been longer as presenters had very little time. I would have liked more presenters to talk through tools and resources, and how they used them, rather than just telling us about them.
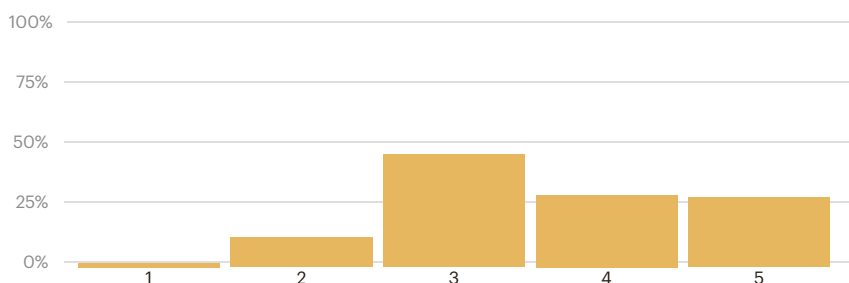"

Alan Kennedy-Asser said:

"Program content: I was surprised there weren't more paractical examples of adaptation being showcased. A lot of talks seemed aspirational, academic or hypothetical."

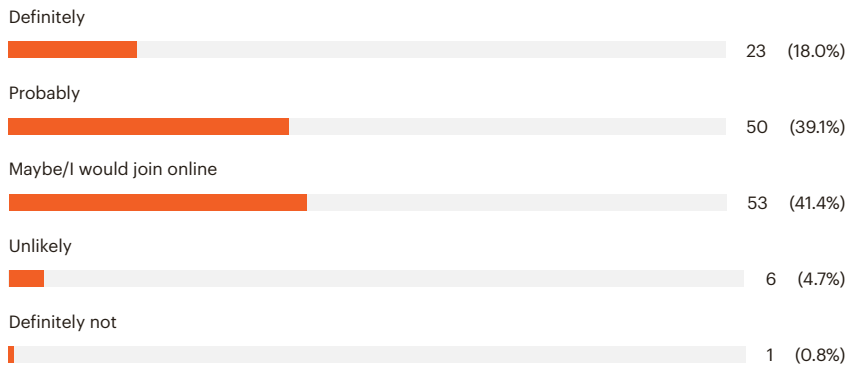Question 6 has 128 answers (Range)   Avg rating: 3.6

"How likely are you to recommend ECCA to a colleague or friend?"

Question 7 has 128 answers (Checkboxes)

"Would you attend future editions of ECCA?"

Definitely

23 (18.0%)

Probably

50 (39.1%)

Maybe/I would join online

53 (41.4%)

Unlikely

6 (4.7%)

Definitely not

1 (0.8%)

Question 8 has 43 answers (Open Text)

"Thanks again for filling this out! Do you have any other comments or suggestions?"

Unknown contact said:

"The quality of artistic contributions varied widely. I understand that they add an extra element that promotes interest and commentary, but performers like the seagull etc should be excluded as it looked farcical and undercut the seriousness of the topics at hand.

Some stronger vetting of the merit of artistic contributions would be recommended."

Unknown contact said:

"Hvae answered maybe to the above queastion becuase I am unsure of whether I will be able to attend the conference next time as it will be much further away (I'm UK based) and I may not be able to get the funding from my job to go. If money was no object, my answer would have been 'probably'"

Anna Boqué said:

"Improve the communication of the program, do not finish organization aspects until the last hour! Even so, review all the sessions to have assigned hour and chair!"
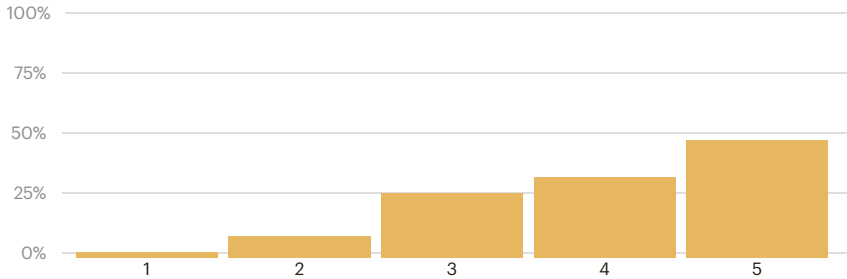
ECCA 2023 Feedback (Online)

Question 1 has 54 answers (Range)   **Avg rating: 4.0**

"How would you rate your overall experience of ECCA 2023?"

Question 2 has 54 answers (Checkboxes)

"What were your main objectives for watching this event online?"

To listen to leading researchers in my field

45   (80.4%)

To exchange with local/regional decision-makers and private sector actors

15   (26.8%)

To listen to adaptation examples or tools/platforms for climate action

39   (69.6%)

To learn about research trends and knowledge gaps

44   (78.6%)

To build my network

17   (30.4%)

To find out about other career opportunities

7   (12.5%)

Other (please specify)

3   (5.4%)

Open text responses to "other":

AMAYA SOTO said:

"To follow the activities where the project I work for is participating"

Unknown contact said:

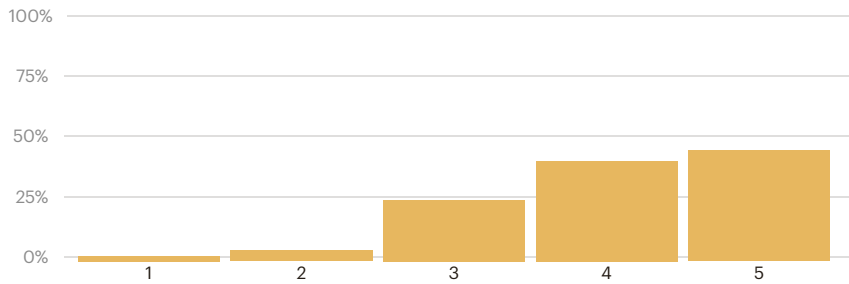"To not have to travel all the way to Dublin"

"To become aware of the state of mind and perception held by others considered leaders in their fields."
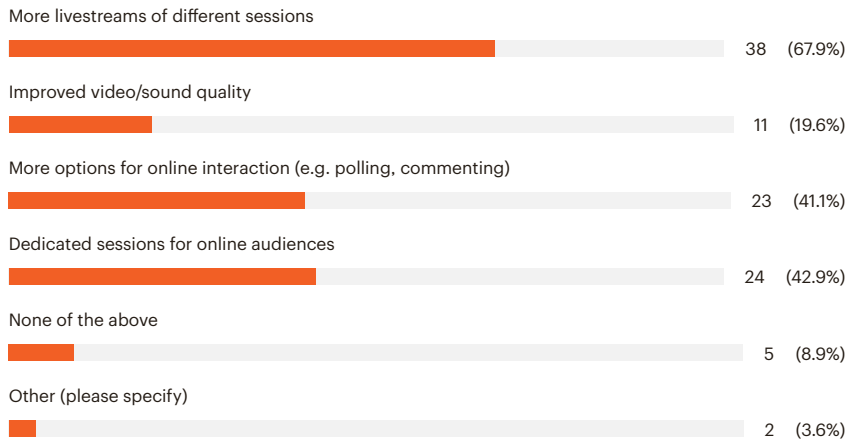
Question 3 has 52 answers (Range)   Avg rating: 4.0

"How informative were the sessions you attended in relation to your work or interests?"

Question 4 has 53 answers (Checkboxes)

"Which online features would you enjoy most in future editions?"

More livestreams of different sessions

38   (67.9%)

Improved video/sound quality

11   (19.6%)

More options for online interaction (e.g. polling, commenting)

23   (41.1%)

Dedicated sessions for online audiences

24   (42.9%)

None of the above

5   (8.9%)

Other (please specify)

2   (3.6%)

Open text responses to "other":

"I appreciated the categorisation of talks and events by themes - this was useful for me.
In future editions, I look forward to being able to connect with other participants and speakers on adaptation or change projects in the region.
I would also like to be part of a more engaged community of like-minded people who can action change on the ground across different sectors. We have the data from the researchers. Now, how can we move from Knowing to Doing - so that we can embark on a more encompassing education and change programme across society?
We have begun this process in Asia, across 10 countries and would love to exchange ideas and skills with ECCA.
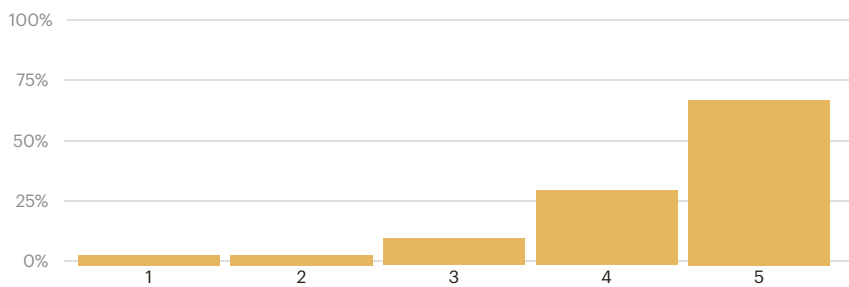Thanks!"

"Stream all sessions and record them all to be able to rewatch later the ones that were running in parallel or revisiting crucial bits that may have been missed.
Possibility to link in with in person attendees."

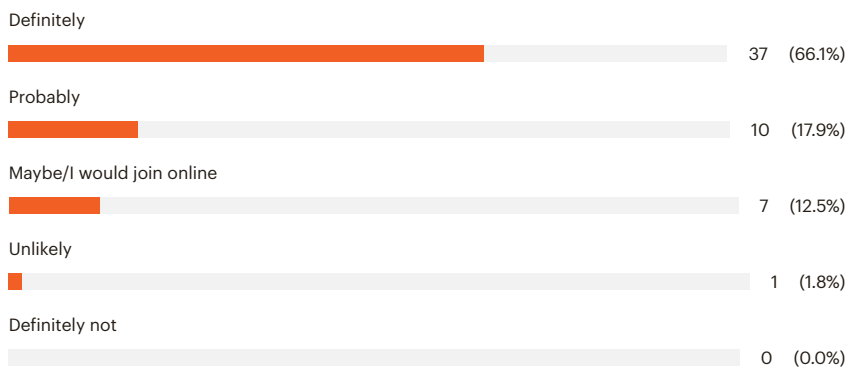## Question 5 has 54 answers (Range)   Avg rating: 4.3

"How likely are you to recommend ECCA to a colleague or friend?"

Question 6 has 54 answers (Checkboxes)

"Would you attend future editions of ECCA?"

Definitely
37   (66.1%)

Probably
10   (17.9%)

Maybe/I would join online
7   (12.5%)

Unlikely
1   (1.8%)

Definitely not
0   (0.0%)

Question 7 has 24 answers (Open Text)

"Thanks again for filling this out! Do you have any other comments or suggestions?"

Girima Tona said:
"Share the outcome of the discussion with the participants "

Unknown contact said:
"It would be great to have more project examples with concrete measures presented. The presentations were quite theoretical and technical (very much about tools)."

Sushila Pandit said:

"Online participant, joined 2 sessions both the audio was full echo and disturbed so can't hear anything try to follow slides but was not helpful "

Andreas Villwock said:

"It was unfortunate that the major part of the art&science session was not visible, thus the session did not made much sense at all. Other sessions were good but in total only very few sessions are accessible online. Thus, either offer a real virtual meeting (with the risk of loosing people on site) or keep it as a traditional on-site conference (I would prefer the latter one)."

Amjad Ali said:

"Thank you, I have a suggestion, please also provide an opportunity for participation in presence. "

Unknown contact said:

"I tried to attend online one of the sessions but could not as the session required a password or such and no password was given (I used the link given in the program). "

Kim Van Nieuwaal said:

"I have only attended the online plenary session with Roger Street. I liked that a lot, in terms of content, but also in terms of technical quality of the streaming of it on youtube. From several people that attended ECCA23 in person I heard that I was quite messy. It is what I expected, to be honest, and the reason for me for skipping an ECCA conference for the first time. Been to all the previous editions, but this remained too wobbly for me in the months leading up to it. Hope to be back for next edition though!"

Unknown contact said:

"More livestreams of different sessions would be great going forward. Thanks"

Unknown contact said:

"I honestly think that given that we work on climate change, we should go to fully online conferences. we need to innovate ourselves as well, the way we work, the way we meet - we have to set the example for other scientists! "