



# Environment Ireland<sup>®</sup>

Thursday 4th October 2018 • Croke Park, Dublin



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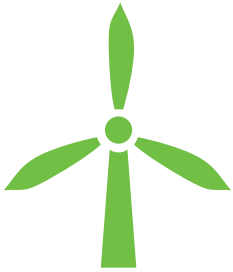
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# Environment Ireland®

Environment Ireland® is Ireland's major environmental policy and management conference. Organised in association with the Environmental Protection Agency (EPA) and the Department of Communications, Climate Action and Environment, the conference is now in its 14th year.

## Don't miss Ireland's major annual environment conference...

- ✓ Hear local industry leaders and visiting experts
- ✓ Connect with policy-makers and practitioners
- ✓ Important high-level plenary and multi-stream sessions
- ✓ Lively networking and exhibition area:  
Meet 20+ exhibitors
- ✓ Network with 300+ delegates
- ✓ The must attend event for anyone in the sector

## Ireland's environment in 2018

This year's conference programme reflects the overall current changing nature of the Irish and international environment. The 2016 State of the Environment Report showed Ireland's environment to be good overall but there are significant challenges. With recent reports stating that Ireland is the second-worst performing EU member state in tackling climate change, it has been confirmed that Ireland will fail to meet the 2020 EU emission targets – meeting just 1% of the 20% target – and is off course for 2030. A National Energy and Climate Plan (NECP) is in the works. Environment Ireland 2018 will feature a dedicated session looking at the way forward for climate action in Ireland.

We are delighted to include a keynote video address from EU Environment Commissioner Karmenu Vella who will outline to delegates the European Strategy for Plastics in a Circular Economy. The latest figures show that Ireland is the largest producer of waste plastic in Europe — totalling 61kg per person per year. A recent poll found that 85% of Irish people are concerned by their usage of plastics, making this a timely and important address.

It is important not only to hear the latest developments in policy, but also to discuss and put your questions to expert speakers during dedicated Q&A sessions. Ensure you don't miss this opportunity to hear directly from those individuals and organisations shaping the future of Ireland's environment.



# Key themes for 2018



POLICY



CLIMATE



WATER



PLANNING



WASTE



NATURE

## POLICY UPDATE

An important session examining the future outlook for policy across Ireland and the EU. Delegates will hear the main priorities directly from policy-makers including an address from the EPA Director General. This session will also feature a presentation examining how Brexit will affect future environmental policy.

## CLIMATE CHANGE

This important session will look at Ireland's journey towards emission reduction, including a sectoral focus on meeting the climate change challenge.

## WATER

A new format for 2018, we will hear a visiting perspective keynote presentation followed by a water panel looking at the future outlook for Ireland's water with key stakeholder organisations.

## PLANNING, INFRASTRUCTURE & THE ENVIRONMENT

This session will look at the environmental challenges in implementing the National Planning Framework and the opportunities of green infrastructure. Delegates will also hear about community engagement on environmental issues.

## RESOURCE EFFICIENCY AND CIRCULAR ECONOMY

Discuss the value of waste and how to use it to the benefit of the economy with leading local and visiting industry experts.

## NATURAL CAPITAL AND AIR QUALITY

A new addition to the 2018 programme, this session will focus on air pollution and give delegates an overview of the state of the natural environment.

# Conference programme

08.30 Registration and coffee

09.00 Chair: **Brian Carroll**, Assistant Secretary Environment & Climate Action  
**Department of Communications, Climate Action and Environment**

## MINISTERIAL ADDRESS



***Environmental challenges in Ireland: 2018 and beyond***  
Denis Naughten, TD, Minister for Communications, Climate Action and Environment (*invited*)

***Video address: European Strategy for plastics in a circular economy***  
European Commissioner for Environment, Maritime Affairs and Fisheries, Karmenu Vella

***State of the Environment in Ireland 2018: Key challenges***  
Laura Burke, Director General, **Environmental Protection Agency**

***What could Brexit mean for the next 40 years of EU environmental policy?***  
Nigel Haigh, Honorary Fellow and Former Director, **Institute for European Environmental Policy**

***Climate adaptation and resilience***  
Nicholle Koko Warner, Climate Change Secretariat, **United Nations Framework Convention on Climate Change**

Questions & answers / panel discussion

10.45 Morning coffee / networking break and exhibition viewing

Please choose from one of the following parallel sessions

## 11.15 Climate change

**Chair:** Cara Augustenborg, Chair, **Friends of the Earth Ireland**

***Ireland's greenhouse gas emissions***  
Stephen Treacy, Senior Scientific Officer, **Environmental Protection Agency**

***A strategy for meeting Ireland's climate change challenge***  
John FitzGerald, Chair, **National Expert Advisory Council on Climate Change**

***Carbon management in the infrastructure sector***  
Lewis Barlow, Technical Director, **Sweco**

***Carbon capture and storage in Ireland***  
Brendan Murphy, Group Commercial and Regulatory Director, **Ervia**

***Decarbonising the agriculture sector***  
Bill Callanan, Chief Inspector, **Department of Agriculture, Food & the Marine**

Questions & answers / Panel discussion

## 11.15 Natural capital and air quality

**Chair:** Patrick Kenny, Manager, National Ambient Air Quality Programme, **Environmental Protection Agency**

***Connecting nature: Implementing large scale nature-based solutions***  
Professor Jane Stout, Botany, **Trinity College Dublin**

***Conservation of habitats and wildlife***  
Pádraic Fogarty, Campaign Officer, **Irish Wildlife Trust**

***Air quality: Reducing pollution***  
Brian Broderick, Professor & Head of Environmental Engineering, **Trinity College Dublin**

***Tracking biodiversity in Ireland***  
Liam Lysaght, Director, **National Biodiversity Data Centre**

Questions & answers / Panel discussion

## 11.15 Water

**Chair:** Dr Matt Crowe, Director of the Office of Evidence and Assessment (OEA)  
Environmental Protection Agency

**Visiting speaker presentation: Aquatic conservation and sustainability of water and ecosystems**  
Ken Irvine, Chair of Aquatic Ecosystems, IHE Delft Institute for Water Education

### Panel discussion: Water in Ireland

Jenny Deakin  
Senior Catchment  
Scientist  
Environmental  
Protection Agency

Tom Collins  
Chair  
Public Water Forum

Thomas Ryan  
Environment  
Executive  
Irish Farmers'  
Association

Sean Laffey  
Head of Asset  
Management  
Irish Water

Pat Murphy  
Head of  
Department,  
Environment KT  
Teagasc

Questions & answers / Panel discussion

13.00 Networking lunch and exhibition viewing

## 14.00 Political panel: The future political outlook for the Irish environment

**Chair:** Kevin O'Sullivan, Environment and Science Editor, Irish Times



Hildegard  
Naughton TD  
Fine Gael



Timmy Dooley TD  
Fianna Fáil



Brian Stanley TD  
Sinn Féin



Senator Ivana Bacik  
The Labour Party



Eamon Ryan TD  
The Green  
Party

14.45 Afternoon networking break and exhibition viewing

## 15.00 Resource efficiency and the circular economy

**Chair:** Claire Downey  
National Network Coordinator  
Community Reuse Network Ireland

**Transitioning to a circular economy**  
Cillian Lohan, Member  
European Circular Economy Stakeholder Platform

**Ireland's waste policy and future outlook**  
Matt Collins, Assistant Secretary  
Department of Communications, Climate Action  
and Environment

**Waste: A Welsh perspective**  
Jasper Roberts, Head of Waste & Resource  
Efficiency Division, Welsh Government

**Making sense of recent waste decisions**  
Deborah Spence, Partner, Arthur Cox

**Sustainable business: Tackling food waste**  
Tracey McDermott, Head of Trading Law and  
Technical, Tesco Ireland

Questions & answers / Panel discussion

## 15.00 Planning, infrastructure and the environment

**Chair:** Henk van der Kamp  
Planning consultant

**Green infrastructure and land use in Europe**  
Gorm Dige, Manager, Territorial Environment,  
Policy and Economic Analysis  
European Environment Agency

**Environmental challenges in implementing the  
National Planning Framework**  
Tadhg O'Mahony, Senior Scientific Officer  
Environmental Protection Agency

**Engaging communities on environmental issues**  
Kate Ruddock, Deputy Director  
Friends of the Earth Ireland

**The National Development Plan: Delivering  
for the environment**  
Conall Boland, Deputy Chairperson  
An Bord Pleanála

Questions & answers / Panel discussion

17.00 Conference close

# Conference speaker panel



**Cara Augustenborg** is Chairperson of **Friends of the Earth Ireland** and represented the NGO at the Paris Climate Summit in 2015. She is also Ireland's first Climate Leader as part of Al Gore's Climate Reality Project and co-founder of the initiative Climate Talk Ireland. Cara is an environmental scientist and communications expert and lectures in 'Climate Change and the Environment' at UCD and 'Business and the Natural Environment' in Trinity College Dublin's School of Business.



**Lewis Barlow** is a Chartered Engineer, a Chartered Environmentalist, a Specialist in Land Condition, a Chartered Water & Environmental Manager and a Fellow of the Institution of Civil Engineers. As a Technical Director at **Sweco**, Lewis has responsibility for carbon management and sustainability across the UK business. A member of CIWEM's Climate Change Network Steering Group, Lewis is keen to underline the important contributions that infrastructure professionals can make to both climate change mitigation and adaptation.



**Laura Burke** was appointed by the Minister for the Environment as Director General of the **Environmental Protection Agency** in November 2011. Laura joined the EPA in 2004, as the Director of the Office of Communications and Corporate Services. She took over the position of Director of the Office of Climate, Licensing and Resource use in August 2008. Before joining the EPA in September 2004, Laura worked in the private sector, mainly in waste management. Laura is a Chemical Engineering graduate from University College Dublin and holds an MSc from Trinity College Dublin. In 2016 Laura was awarded the UCD 2016 EGA Distinguished Graduate Award.



**Brian Carroll** is the Assistant Secretary General leading the Climate Action and Environment function at the **Department of Communications, Climate Action and Environment**. He is responsible for national, EU and international environment policy, including in the areas of climate action, air quality, radiation and environmental awareness, as well as oversight of the Environmental Protection Agency. Brian joined the Department in 2008, and within the Department has worked previously as Assistant Secretary General for Natural Resources, Head of Decarbonisation and Head of Finance, Strategy and Corporate Affairs.



**Tom Collins** is Chair of the **Public Water Forum**. The Forum comprises 32 members, 12 represent organisations from a specific sector of interest and 20 members are domestic water consumers. The Forum is an independent body, playing a crucial role in ensuring that the public and water consumers are represented in the development of public water policy.



**Matt Crowe** was appointed in March 2010 as a Director of the **EPA** with responsibility for the Office of Communications and Corporate Services and is currently Director of the EPA's Office of Evidence and Assessment. Prior to being appointed Director, Matthew had worked within the EPA since 1995 in a variety of roles. Prior to joining the EPA he worked in Vancouver, Canada, for five years, conducting contract research in applied environmental sciences.



**Claire Downey** is National Network Coordinator with **Community Reuse Network Ireland**, an all-Ireland umbrella body funded by the EPA that represents community based organisations involved in reuse and recycling. In this role, she is responsible for the promotion of reuse, support for members to overcome barriers to reuse, communication and policy input, networking and research. Claire has over 12 years of experience in the waste and resources sector. She sits on the Centre Council for the Republic of Ireland Centre with the Chartered Institute of Waste Management, and is a board member with the Green Foundation Ireland.



**Professor John FitzGerald** is the chair of Ireland's first **National Expert Advisory Council on Climate Change** which was established to advise government departments and agencies on the actions required to decarbonise the Irish economy by 2050. John is a former research professor at the Economic and Social Research Institute and is a member of the Commission of the Central Bank of Ireland.



**Nigel Haigh** is Hon. Fellow and former Director at the **Institute for European Environmental Policy (IEEP)**. Haigh helped to found the European Environmental Bureau (EEB) in 1974 and opened the London office of IEEP in 1980. He served on the Boards of the British Environment Agency and the European Environment Agency. His book *EEC Environmental Policy and Britain* was the first account of the impact of all EEC/EU environmental legislation in one Member State. This evolved into IEEP's Manual of European Environmental Policy. He has advised the European Parliament, the Commission and several national governments. His most recent book *EU Environmental Policy: its journey to Centre Stage* (Routledge 2016) is a kind of history.



**Hendrik W van der Kamp** is a **Planning Consultant**. He was previously the Head of the School of Transport Engineering, Environment and Planning in Dublin Institute of Technology. He is a Past-President of the Irish Planning Institute and vice-president of the European Council of Spatial Planners. Hendrik completed in 2013 an independent review of recommendations relating to planning policy and practice in Ireland. He was member of the expert advisory group for the National Spatial Strategy and sat on the advisory group for the National Planning Framework.



**Youssef Nassef** is the Director of the Adaptation Programme at **UNFCCC**. Youssef leads the work on adaptation to climate change under the United Nations Framework Convention on Climate Change. He possesses 29 years of experience in diplomacy and international environmental policy, and is a seconded diplomat from the Egyptian Foreign Service. Youssef launched and implemented a number of ongoing initiatives including the inception and support for National Adaptation Plans for developing countries; the Nairobi Work Programme; and the more recently established Warsaw International Mechanism for Loss and Damage. Youssef helped lay the foundations for strengthened policy frameworks, tools and methodologies that support the efforts of developing countries to enhance national and regional responses to the impacts of climate change. He regularly contributes his vision, insights and thought leadership to international conferences on resilience and adaptation to climate change and their nexus with sustainable development, often focusing on developing countries.



**Hildegard Naughton TD** is Chair of the **Joint Committee on Communications, Climate Action and Environment**. Elected in 2016, she also serves on the committees for the Future of Healthcare and Budgetary Scrutiny. Hildegard was a primary school teacher and previously served as a member of Galway City Council in 2009 and was Mayor of the city in 2011/2012.



**Thomas Ryan** is Environment Executive at the **Irish Farmers' Association**. A graduate of UCD, DIT and the Irish Management Institute, he has degrees in Agricultural Science and Property Studies, and diplomas in Business Management and Corporate Governance. He previously worked with Kerry Group plc and currently represents IFA on two recycling organisations IFFPG and Farm Plastic Recycling Ltd. He is an associate member of the Society of Chartered Surveyors of Ireland and a member of the Agricultural Science Association and Irish Environmental Law Association. He is also the Programme Manager of the resource efficiency initiative, Smart Farming.



**Jane Stout** is a Professor of Botany at **Trinity College Dublin**. She is an ecologist and much of her research uses plant-pollinator interactions as a model system for investigating anthropogenic impacts on biodiversity and ecosystem services. Jane's particular interests focus on rare native and invasive alien species, in both managed and unmanaged landscapes. She employs field-based experimental studies combined with laboratory analyses to characterise insect behaviour, plant breeding systems, biodiversity and conservation of pollinators and their impacts on plant population dynamics.



**Deborah Spence** is Head of Environment & Planning at **Arthur Cox**, with over 20 years' experience in both contentious and advisory work. She regularly provides strategic advice on regulatory compliance including defending EPA and Planning Authority Prosecutions, engaging in High Court Judicial Review, planning and EPA oral hearings, and CJEU references on novel EIA and Habitats grounds. With a particular focus on water and waste infrastructure she has represented large private as well as PPP waste and waste to energy providers in Ireland, as well as representing developments such as solar and wind farms, data centres and bioorganic plants, Airport and light rail. Deborah leads a team of six lawyers, the largest and together the most experienced specialised Group in this field in Ireland.



**Karmenu Vella** is the **European Commissioner for Environment, Fisheries and Maritime Affairs**. He was born in Malta on June 1950. Vella graduated in Architecture and Civil Engineering, and later obtained a Master of Science in Tourism Management from University of Sheffield. He was first elected to Parliament in 1976 and continued to be re-elected in the elections that followed for nine consecutive times. During his political career he has been appointed Minister for Public Works, Minister for Industry and Minister for Tourism twice. Vella had also held various senior posts in the private sector.

## What are delegates saying at #environmentireland?

**@RebeccaRaftery2**, Fantastic line up of speakers at the #EnvironmentIreland 2017 conference today! Great day of learning & networking

**@farrellniall**, Thanks to @eolasmagazine and @EPAlreland for a day of stimulating discussion on #climate,

#brexit and #environment at #environmentireland

**@MarieTCowan**, @CrokePark today for #EnvironmentIreland conference; venue packed to hear about climate and #environment challenges facing island of Ireland.

**@preventwaste**, #environmentireland Great day with lots of networking!

**@L\_Roche1**, Great line up of speakers at the Environment Ireland conference in Croke park #environmentireland

## Environment Ireland® 2018

### Exhibition opportunities available



#### Exhibition space

Each exhibition space will be provided with:

- Table
- Chair (if required)
- Power socket

3.0m

2.0m

NOT TO SCALE

Registration

Coffee/lunch area

Coffee/lunch area



Contact us directly on +353 (0)1 661 3755 or email [sam.tobin@environmentireland.ie](mailto:sam.tobin@environmentireland.ie) for details

### Sponsorship opportunities



There are a small number of opportunities to get involved with Environment Ireland 2018. Now in its 14th year, this is the major annual environment conference in Ireland attracting 300+ delegates annually.

Contact Fiona McCarthy on **+353 (0)1 661 3755** or email [fiona.mccarthy@environmentireland.ie](mailto:fiona.mccarthy@environmentireland.ie) for further information on how to feature your organisation at the conference.

### To register:



#### Online

[www.environmentireland.ie](http://www.environmentireland.ie)



#### By email

[registration@environmentireland.ie](mailto:registration@environmentireland.ie)



#### By post

bmf Business Services, Clifton House  
Lower Fitzwilliam Street, Dublin 2, D02 XT91



#### By telephone

+353 (0)1 661 3755

Delegate fee €295 + VAT @ 23% = €362.85

Public sector Delegate fee €245 + VAT @ 23% = €301.35

*Fee includes documentation, lunch and other refreshments served during the conference and is payable in advance.*

For more information on getting to the venue sustainably and hotels please visit [www.environmentireland.ie](http://www.environmentireland.ie)

#### Cancellations / Substitutions

\* Invoices must be paid prior to the event taking place. For delegates unable to attend, a substitute participant may be sent at any time for no additional charge. Alternatively for cancellations received in writing, by fax or email, the following charges will apply:

- More than 14 days before the conference: 25% fee
- Less than 14 days before the conference: 100% fee
- Failure to attend: 100% fee

#### Acknowledgement of registration

Confirmation of registration will be emailed to all delegates following receipt of registration details. If you have not received your acknowledgement within 48 hours of registering, please email [registration@eolasmagazine.ie](mailto:registration@eolasmagazine.ie) to confirm your booking.

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