

CHOOSING OUR FUTURE

BY DESIGN, NOT DISASTER



Global Footprint Network
Advancing the Science of Sustainability

The Herald

E-PROGRAMME

Thursday, August 6, 2020

ORGANISED BY The Herald

SUPPORTED BY



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Advancing the Science of Sustainability



WELCOME

Terry A'Hearn, CEO, SEPA



With Earth Overshoot Day fast approaching, I'm really looking forward to the conversations tonight and how they'll help us to accelerate practical action to #MoveTheDate.

We've brought together some of the most progressive leaders in business and sustainability, with Scotland's own ground-breaking entrepreneur, Dr Marie Macklin CBE, opening tonight's discussion. Working in partnership across traditional institutional and geographic boundaries to create unusual and powerful partnerships is how businesses can successfully break the mould to create resilient economic growth. I hope tonight's conversations will only be the start of these and I'd encourage you to reach out to others in our virtual audience to create unusual partnerships that can help to tackle climate change and our ecological debt.

I'll join this influential group on the panel and I can't wait – when people like this talk, we should all sit up and listen.

Mathis Wackernagel, President, Global Footprint Network



By August 22, humanity will have used as much as our planet's ecosystems can renew in the entire year. Earth Overshoot Day comes early in the year because we use as much as if we lived on 1,6 planets, paving our path to one-planet misery year after year. Instead we can choose one-planet prosperity -- all of us thriving within the ecological budget of Earth.

What does this mean for countries, cities and companies? It is basic economics: Investing in resource-intensive infrastructure means building long-term liabilities into our operational budgets. Conversely, if we choose policies and investments that allow us to thrive within available resource budgets, we build resilient and prosperous futures for ourselves and for everybody around us.

I thank you all for joining this vital conversation. I am excited by Scotland's sustainability leadership and cannot wait to be part of these rich exchanges.

RUNNING ORDER

5.30pm - Networking

6.05pm - Introduction

Donald Martin, Editor-in-Chief, The Herald

6.10pm - Keynote Address

Dr Marie Macklin CBE - Executive Chair and Founder of the HALO Urban Regeneration Company and Macklin Enterprise Partnerships

6.35pm - Panel Discussion

Dr Marie Macklin CBE - Executive Chair and Founder of the HALO Urban Regeneration Company and Macklin Enterprise Partnerships

Catriona Patterson - Board Member, 2050 Climate Group

Mathis Wackernagel - President, Global Footprint Network

Terry A'Hearn - Chief Executive, SEPA

Professor Jaime L. Toney, Co-founder - Centre for Sustainable Solutions, University of Glasgow

6.55pm - Panel Discussion

Q&A

7.20pm - Formal Close

Donald Martin, Editor-in-Chief, The Herald

7.35pm - Networking & Expo Re-Open

7.55pm - On Demand Event Closes

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PANEL MEMBERS

KEYNOTE SPEAKER

Dr Marie Macklin CBE



Dr Marie Macklin CBE is Founder and Executive Chair of the HALO Urban Regeneration Company.

The HALO is working with communities across the UK to create a "Tomorrow's World" with a net zero carbon footprint – for our children and for their children.

The HALO's mixed-use developments, the first of which is currently under construction in Kilmarnock, East Ayrshire, will be powered and heated entirely by renewable energy, creating a place where people can Live, Work, Learn and Play.

In 2014, Marie was awarded a CBE in the Queen's 2014 New Year's Honours List for Services to Economic Regeneration and Entrepreneurship in Scotland and in 2018 she accepted an Honorary Degree from Glasgow Caledonian University making her a Doctor of Business Administration.

Catriona Patterson, Board Member, 2050 Group



Catriona is the Green Arts Manager for Creative Carbon Scotland, where she manages the EU-funded Creative Europe project 'Cultural Adaptations', facilitates the national Green Arts community, and provides strategic sustainability support for Edinburgh's major Festivals. Aiming to reduce the environmental impact of the cultural sector, whilst exploring the role of the arts in driving

wider societal sustainability. 2050 Climate Group is a youth-led, volunteer-led charity which seeks to empower, equip and enable young leaders to take climate action towards a just and sustainable society. Since 2015 Catriona has been a board member of Scotland's 2050 Climate Group.

Professor Jaime L. Toney, Co-founder - Centre for Sustainable Solutions, University of Glasgow



Professor Jaime L. Toney is a geoscientist with expertise in environmental and climate science. Her research focuses on understanding how climate, environmental and ecosystem changes in the past can inform us about the changes we are experiencing today and what we might expect in the future. She recognises that both interdisciplinary and multi-sector approaches are

needed at all levels to make a sustainable transition. She has co-founded and directs the Centre for Sustainable Solutions at the University of Glasgow, which aims to stimulate the dialogues necessary to make a collective impact toward a just and sustainable future.

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EARTH
OVERSHOOT
DAY

Mathis Wackernagel, President, Global Footprint Network



Mathis Wackernagel is co-creator of the Ecological Footprint and President of Global Footprint Network. He completed a Ph.D. in community and regional planning with Professor William Rees at the University of British Columbia, where his doctoral dissertation developed the Ecological Footprint concept. Mathis also earned a mechanical engineering degree from the Swiss Federal Institute of Technology.

Mathis has worked on sustainability with governments, corporations and international NGOs on six continents and has lectured at more than a hundred universities. He previously served as director of the Sustainability Program at

Redefining Progress in Oakland, California, and ran the Centro de Estudios para la Sustentabilidad at Anáhuac University in Xalapa, Mexico. Mathis has authored and contributed to more than 50 peer-reviewed papers, numerous articles, reports and various books on sustainability that focus on embracing resource limits and developing metrics for sustainability, including *Our Ecological Footprint: Reducing Human Impact on the Earth*; *Sharing Nature's Interest*; *Der Footprint: Die Welt neu vermessen*; *Ecological Footprint: Managing Our Biocapacity Budget*; and WWF International's *Living Planet Report*.

Mathis' awards include the 2018 World Sustainability Award, the 2015 IAIA Global Environment Award, being a 2014 ISSP Sustainability Hall of Fame Inductee, the 2013 Prix Nature Swisscanto, 2012 Blue Planet Prize, 2012 Binding Prize for Nature Conservation, the 2012 Kenneth E. Boulding Memorial Award of the International Society for Ecological Economics, the 2011 Zayed International Prize for the Environment (jointly awarded with UNEP), an honorary doctorate from the University of Berne in 2007, a 2007 Skoll Award for Social Entrepreneurship, 2006 WWF Award for Conservation Merit and 2005 Herman Daly Award of the U.S. Society for Ecological Economics. He was also selected as number 19 on the en(rich) list identifying the 100 top inspirational individuals whose contributions enrich paths to sustainable futures (www.enrichlist.org). John Elkington identified Mathis among the "Zeronaut 50" Roll of Honor, i.e., leading pioneers who are driving the world's most significant problems to zero. From 2011 to 2015, Mathis was also the Frank H. T. Rhodes Class of 1956 Visiting Professor at Cornell University.

Terry A'Hearn, Chief Executive, SEPA



Terry has over twenty years' experience in the environment profession, having held senior roles in Melbourne with the Environment

Protection Authority in the Australian state of Victoria, in London with the global consulting firm WSP and, most recently, in Belfast as Chief Executive of the Northern Ireland Environment Agency before he joined SEPA. In all this work, Terry has strongly focussed on bringing environmental and economic aims together, supporting business and social innovation and getting tougher with the worst environmental performers. Terry is a Senior Associate at the Cambridge Programme for Sustainability Leadership, a member of the Advisory Board of the Global Footprint Network and a Fellow of the UK Institute of Directors.

HOPIN

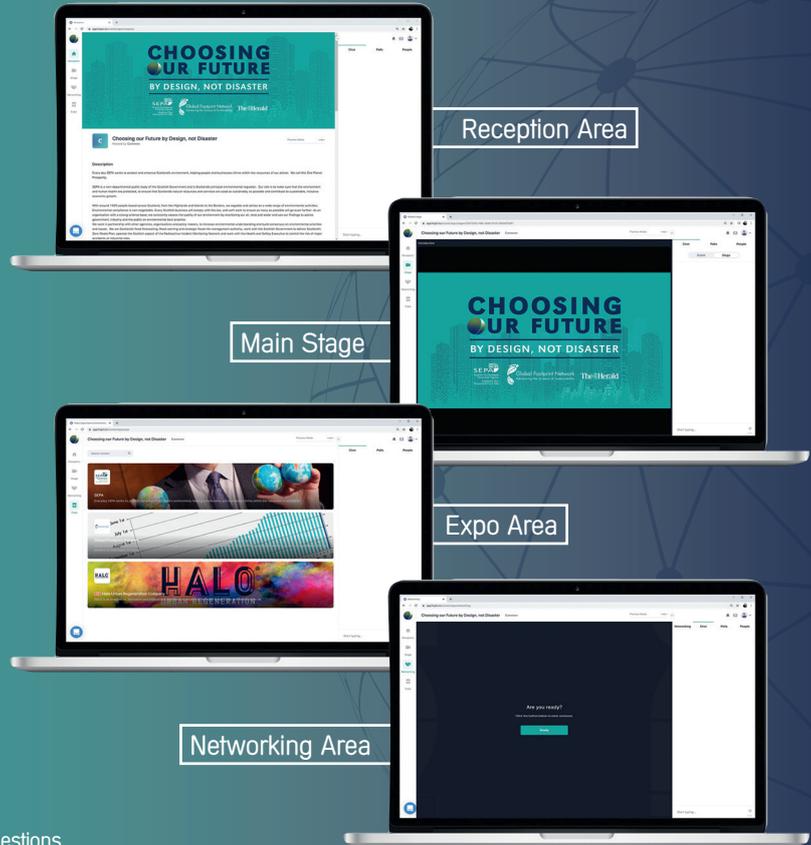
Hopin

Hopin is an online events platform where you can create engaging virtual events that connect people around the globe.

Key Steps

1. Register via newsquestscotlandevents.com/events/choosing-our-future/ FAQ listed on the website
2. Update profile to network more effectively here – hopin.to/account/profile
3. Login to the platform the day before event to ensure that you can gain access successfully
4. Join us on Thursday, August 6 between 5.30pm – 6pm - We would recommend an up to date browser such as Chrome or Safari to access the platform.
5. Use the #MoveTheDate

*Cameron our AV team will be on hand to assist with any technical questions



OUR PARTNERS

SEPA



Every day SEPA works to protect and enhance Scotland's environment, helping people and businesses thrive within the resources of our planet. We call this One Planet Prosperity.

SEPA is a non-departmental public body of the Scottish Government and is Scotland's principal environmental regulator. Our role is to make sure that the environment and human health are protected, to ensure that Scotland's natural resources and services are used as sustainably as possible and contribute to sustainable, inclusive economic growth.

With around 1300 people based across Scotland, from the Highlands and Islands to the Borders, we regulate and advise on a wide range of environmental activities.

Environmental compliance is non-negotiable. Every Scottish business will comply with the law, and we'll work to ensure as many as possible will go even further. As an organisation with a strong science base, we constantly assess the quality of our environment by monitoring our air, land and water and use our findings to advise government, industry and the public on environmental best practice.

We work in partnership with other agencies, organisations and policy makers, to increase environmental understanding and build consensus on environmental priorities and issues. We are Scotland's flood forecasting, flood warning and strategic flood risk management authority, work with the Scottish Government to deliver Scotland's Zero Waste Plan, operate the Scottish aspect of the Radioactive Incident Monitoring Network and work with the Health and Safety Executive to control the risk of major accidents at industrial sites.
www.sepa.org.uk/

Global Footprint Network



Global Footprint Network is an international sustainability organisation that is helping the world live within the Earth's means and respond to climate change. Since 2003 they have engaged with more than 50 countries, 30 cities and 70 global partners to deliver scientific insights that have driven high-impact policy and investment decisions, creating a future where all of us can thrive within the limits of our one planet.
www.footprintnetwork.org

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We call this One Planet Prosperity”



Environmental compliance is non-negotiable. Every Scottish business will comply with the law, and we’ll work to ensure as many as possible will go even further.

The most prosperous businesses in the future will be those who embrace the economic opportunity of climate change. SEPA will support Scottish businesses who recognise the environmental, economic and social benefits of embracing voluntary beyond compliance opportunities such as developing sustainable business practices or innovating across supply chains.



Visit www.sepa.org.uk/movethedate to find out more