



Hello

Martin Fryer

Over thirty years' experience in sustainable business practice in both the public and private sectors. Worked in local govt, not for profit, food (UK), aggregates, steel, aviation, airports and energy sectors (NZ).

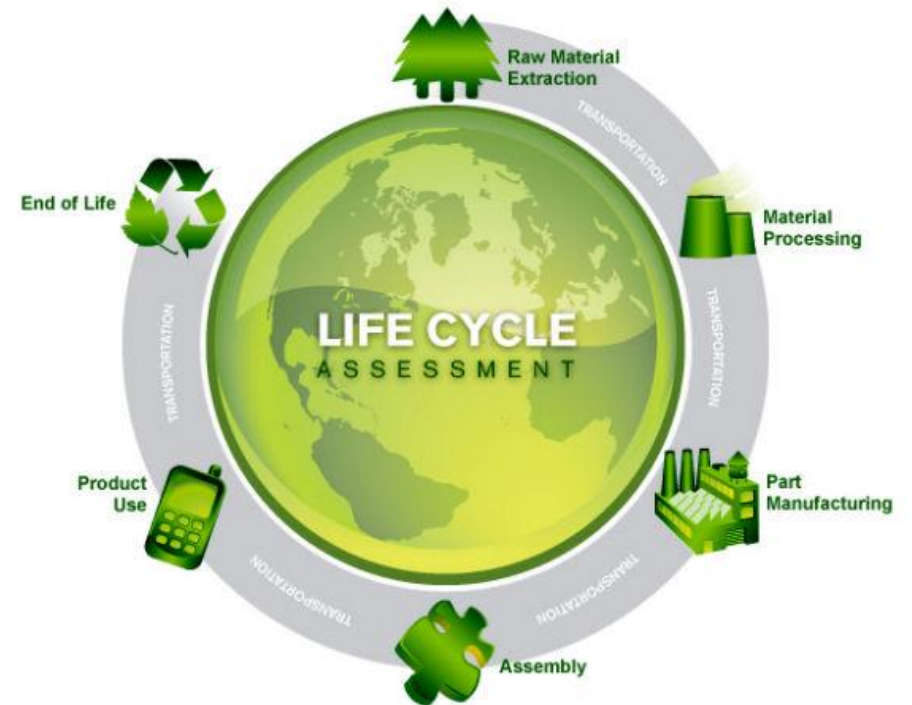
Sustainability Manager at Mercury, a 100% renewable energy generator with hydro and geothermal assets in the central North Island. Mercury currently constructing New Zealand's largest wind farm at Turitea.

Joined the Board of EPD Australasia in 2018.

Chartered Environmentalist with a Masters in Business Administration from Southern Cross University.

The Global Appetite for Transparency (How best to serve your EPD)

- Who is EPD Australasia?
- Global risks have gone green
- Climate Action Failure
- LCAs provides transparency



Who is EPD Australasia?

According to ISO 14025, a programme operator has mandatory obligations when fulfilling the duties of managing a programme for environmental declarations. In the EPD Australasia these duties are divided between the Board of Directors, the Secretariat and the Technical Advisory Group.

EPD Australasia - Directors



Stephen Mitchell
Principal, Stephen Mitchell
Associates



John McArthur
Managing Director, The
Carbon Shop



Jane Mansfield
Head of Energy,
Coles



Sam Archer
Director of Market
Transformation,
New Zealand Green Building
Council



Philippa Stone
Sustainability Manager,
BlueScope



Martin Fryer
Sustainability Manager,
Mercury Energy New Zealand

Program Manager:



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EPD Australasia: EPD owners



- 41 Members
- 71 EPDs
- **3 climate declarations**
- Data for hundreds of products

Global risks have gone green!

Top Global Risks by Likelihood

	1st	2nd	3rd	4th	5th
2021	Extreme weather	Climate action failure	Human environmental damage	Infectious diseases	Biodiversity loss
2020	Extreme weather	Climate action failure	Natural disasters	Biodiversity loss	Human-made environmental disasters
2019	Extreme weather	Climate action failure	Natural disasters	Data fraud or theft	Cyberattacks
2018	Extreme weather	Natural disasters	Cyberattacks	Data fraud or theft	Climate action failure
2017	Extreme weather	Involuntary migration	Natural disasters	Terrorist attacks	Data fraud or theft



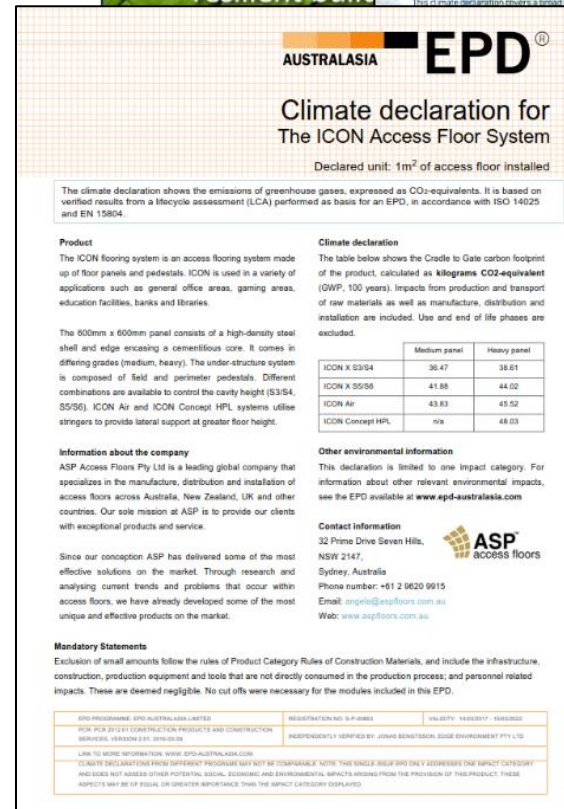
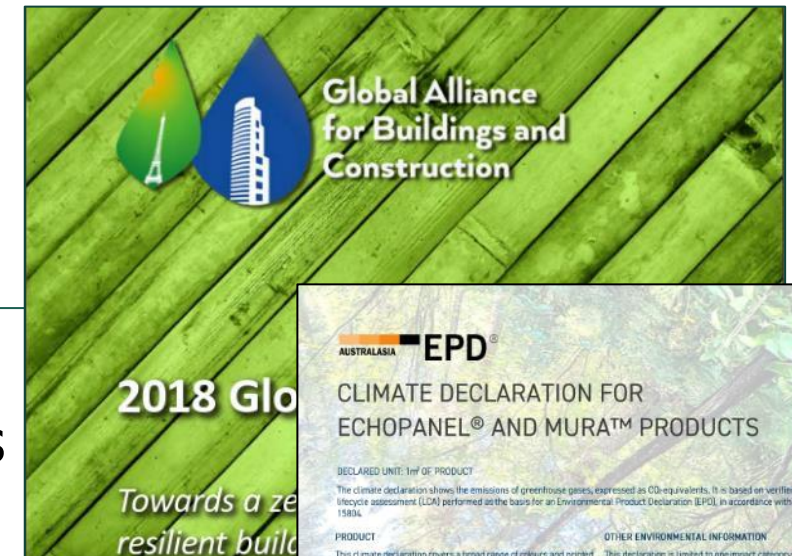
Climate Action Failure

Is leading to:

- **Civil unrest**
 - **Class action**
 - **Increasing regulation**
 - **Risk of reputational damage**
-

LCAs provide transparency (risk reduction)

- CO₂ emissions resulting from material use in buildings account for 28% of global annual building-related CO₂ emissions.
- Demand for climate declarations will only increase.



CLIMATE DECLARATION FOR ECHOPANEL® AND MURAT™ PRODUCTS

DECLARED UNIT: 1m² OF PRODUCT

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed on the basis for an Environmental Product Declaration (EPD), in accordance with ISO 14025 and EN 15804.

PRODUCT
This climate declaration covers a limited range of colours and printed in Woven Image.

OTHER ENVIRONMENTAL INFORMATION
This declaration is limited to one impact category. For information about other relevant environmental impacts, see the EPD available at www.epd-australasia.com.

CONTACT INFORMATION
Woven Image
Enquiries: enquiries@wovenimage.com
www.wovenimage.com

	Product stage - raw material, transport and manufacturing	End of life stage - transport	End of life stage - first disposal
NE SIDE	1.33E+00	4.55E-03	7.03E-03
	1.42E+00	4.55E-03	7.03E-03
	1.28E+00	4.55E-03	7.03E-03
	5.24E+00	1.82E-02	2.81E-02
	5.09E+00	1.82E-02	2.81E-02
	8.81E+00	3.12E-02	4.82E-02
	8.81E+00	3.12E-02	4.82E-02
	8.43E+00	3.12E-02	4.82E-02
	1.08E+01	3.90E-02	6.03E-02
	1.08E+01	3.90E-02	6.03E-02

Product Category Rules of Construction Materials, and include the infrastructure, that are not directly consumed in the production process; and personnel related impacts, necessary for the modules included in this EPD. These are representative for one of the most likely scenarios alternatives.

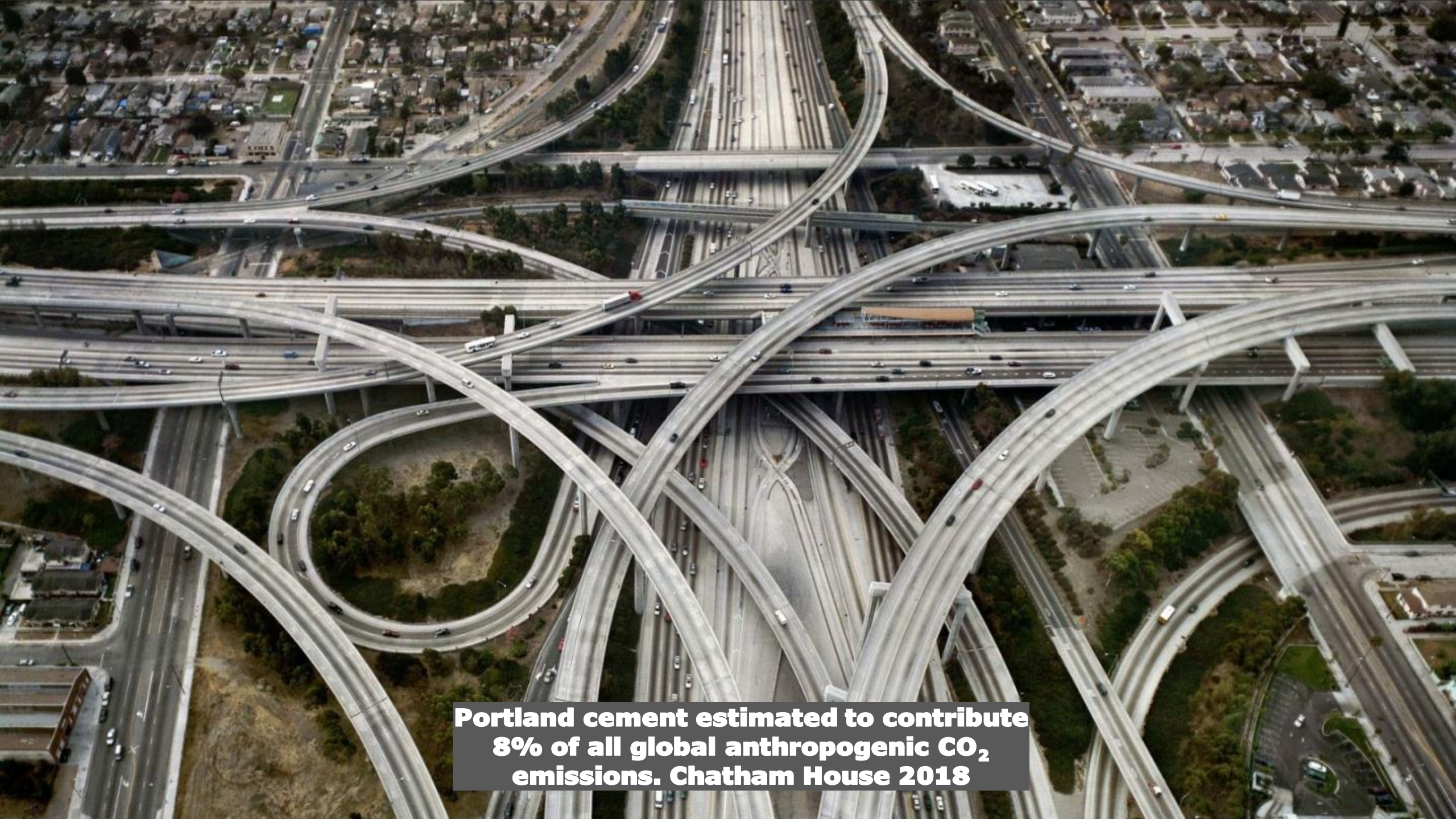
REGISTRATION NO: SP-0142 VALIDITY: 20/10/2019 - 20/10/2023
ISSUED BY: EPD AUSTRALASIA LTD. 01/01/2015 INDEPENDENTLY VERIFIED BY: JONAS BENTZEN, EDGE ENVIRONMENT PTY LTD

BE CONFIDENTIAL: THIS SINGLE DECLARATION ONLY ADDRESSES ONE IMPACT CATEGORY AND DOES NOT ADDRESS OTHER ASPECTS ARISING FROM THE PROVISION OF THIS PRODUCT. THESE ASPECTS MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE IMPACT CATEGORY DISPLAYED.

W
WOVEN IMAGE



Steel production estimated to contribute 7-9% of direct emissions from the global use of fossil fuel. World Steel Council



**Portland cement estimated to contribute
8% of all global anthropogenic CO₂
emissions. Chatham House 2018**



**Emissions from loss of tropical forest
contributes 8-10% of annual emissions
of carbon dioxide. WRI 2018**

Thankyou!

- www.epd-australasia.com
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