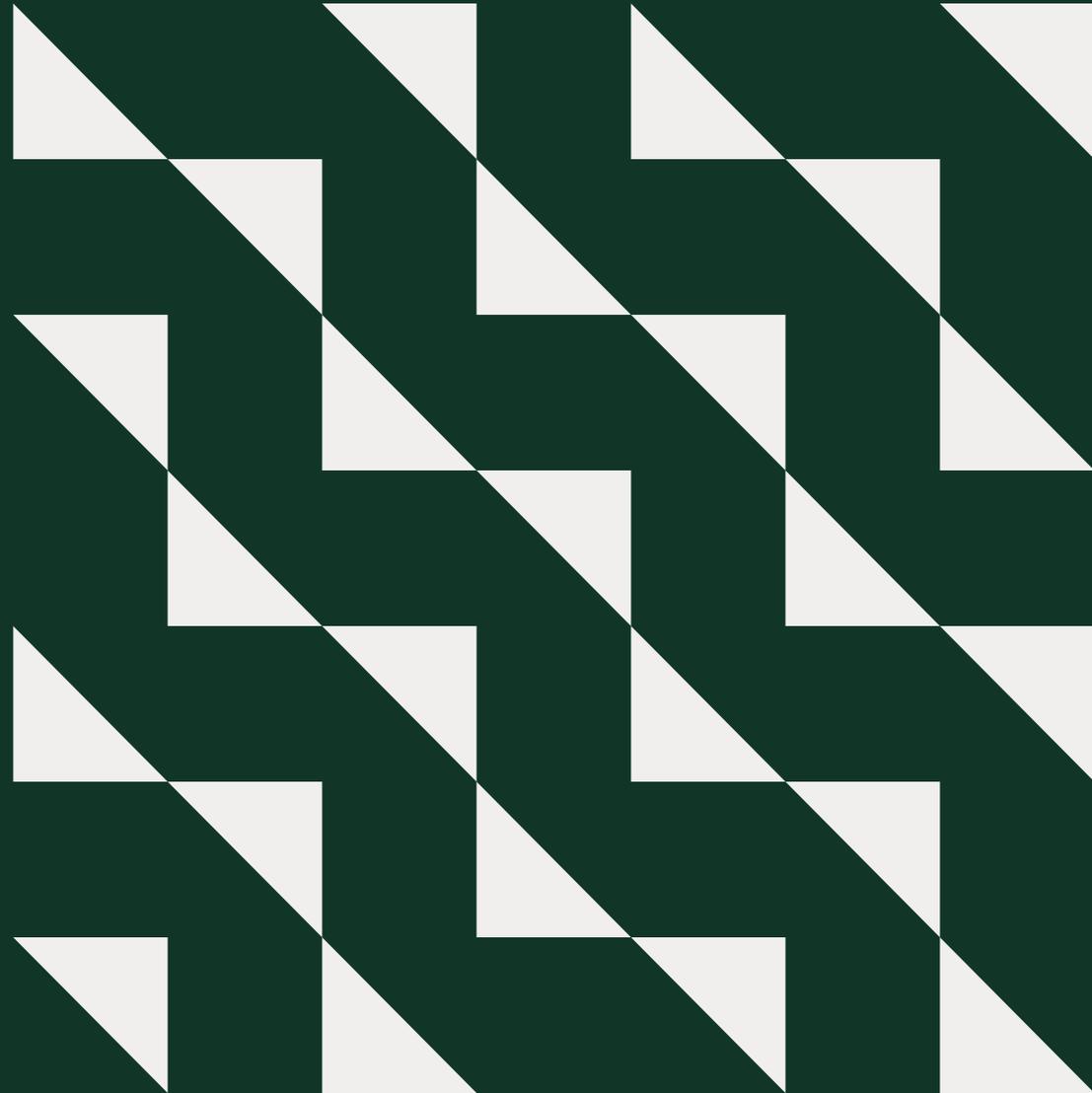
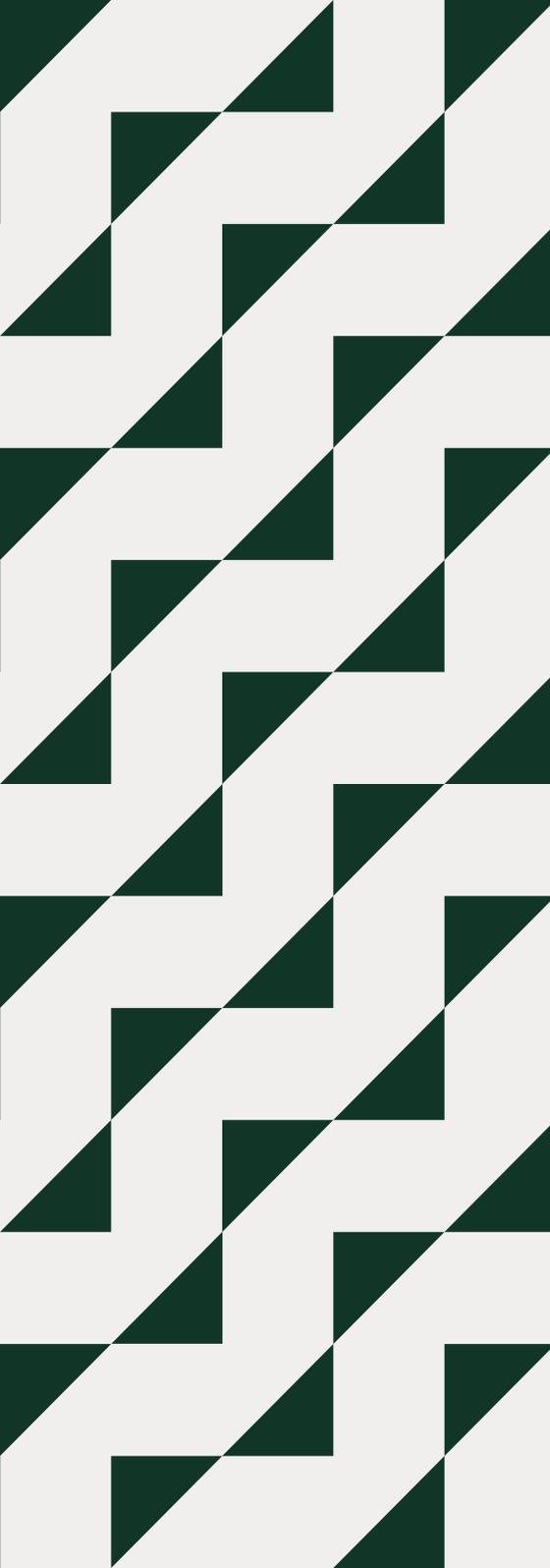


SHAPING THE FUTURE OF SUSTAINABLE BUILDING

RECYCL8







OUR GOAL

Working in collaboration with the waste to energy and global construction industries to transform Incinerator Bottom Ash (IBA), often destined for landfill, into a high performing, low carbon concrete solution.

We are resolute in our mission to not only make a difference to the lives of people today but to also leave a legacy for future generations and the planet we live in.

www.R8iba.com

OUR MISSION

We don't want to green offset, we aspire to be the real deal.

By remaining true to our values of inclusion, sustainability, responsibility and ambition, Recycl8 is building a socially and environmentally conscious company committed to the Circular Economy and net zero goals.

Our aim is to be a leading sustainable business, trusted and respected for the ethics we adopt and for the services we provide.

As a progressive organisation, we are resolute in our mission to reduce carbon emissions from concrete manufacture. We work closely with our partners in the waste to energy and construction industries to build a more sustainable future for our planet.

Our breakthrough technology will repurpose Incinerator Bottom Ash into a low carbon, high performance solution for concrete manufacture and accelerate our collective long-term responsibilities to reduce global CO₂ emissions.

With a team comprising specialists from the waste management, academia and global business sectors we are ideally placed to address this challenge now.



OUR PROCESS

1. Household and Municipal waste produced
2. Waste is collected
3. Household and municipal waste incinerated
4. IBA is processed producing uniform product with known mineral content
5. IBA is processed extracting ferrous and non-ferrous metals
6. Incinerator Bottom Ash (IBA) goes through maturation process whilst sequestering CO₂
7. R8 catalyst added
8. IBAA (Incinerator Bottom Ash Aggregate) sold as a low carbon additive for cement to make concrete products



OUR TECHNOLOGY

Reducing your carbon footprint one step at a time.



Our patented applied for technology takes Incinerator Bottom Ash from waste to energy operators, which is often destined for landfill, and transforms it into a low carbon additive for concrete manufacture.

Our unique admixture will make up to 60% by volume of the concrete. By replacing high CO₂ emitting cement and other virgin quarried materials, we will work with manufacturers to reduce their carbon footprint and achieve their climate targets.

Our process absorbs CO₂ from the atmosphere. What's more our technology ensures heavy metals are bonded, preventing leaching and further pollution both now and in the future.

Its environmental credentials are impressive, but our low carbon admix also performs on a practical level. It not only bonds with more strength than traditional cement, but also has less permeability. Our technology also significantly enhances the heat resistance, physical and chemical properties of the cement.

It's a win-win process.

Waste to energy facilities can avoid sending their ash to landfill and cement manufacturers can offer a significantly reduced carbon footprint, to our ever-growing sustainable built environment.

KEY BENEFITS

▶ **We Recycle**

By upcycling waste from incineration, drastically reducing materials going to landfill

▶ **We Reuse**

By carbon capture via our innovative technology

▶ **We Remove**

Our game-changing technology bonds heavy metals preventing leaching and pollution now and in the future

▶ **Real Change**

This isn't green offsetting this is part of a bigger solution for the Circular Economy



OUR TEAM

A team of industry and academic specialists with sustainability at its core.

Our Founder, Ian, came up with the idea for Recycl8 inspired by his desire to make a real contribution to the Circular Economy. Our team has grown to encompass highly respected specialists from a spectrum of industrial sectors, as well as academia. We are united in our common goal to bring our game-changing technology to the global marketplace. We're working hard today on a sustainable solution for the construction and waste management industries, that will preserve all our tomorrows.



OUR PEOPLE



IAN SKENE
Managing Director

With over 30 years' experience in the waste management industry Ian, our Founder and Managing Director, is a highly regarded authority on waste strategies. Ian is a Member of the Chartered Institution of Wastes Management, and his expertise has been called upon by the Scottish Government on several occasions.

Having founded a company to set up a waste to energy incineration plant in Aberdeenshire, Ian believed there must be a better use for the ash as opposed to sending it back to landfill. A keen advocate of sustainable solutions and the Circular Economy, he successfully applied proven technologies from other waste industries to this relatively new waste stream.



YVONNE WALKER
Business Operations Manager

Our Business Operations Manager, Yvonne, brings a wealth of experience to the business, having previously been part of award-winning leadership teams for Tier 1 Companies in the energy sector. A Chartered Member of the Institute of Personnel Development, Yvonne has a particular interest in coaching, resourcing and customer relationships. She is passionate about generating long-term, sustainable solutions which truly contribute to the Circular Economy.



RAYMOND COWAN
Finance Director

Finance Director at Recycl8, Raymond, completes our management team. A Member of the Institute of Chartered Accountants of Scotland, Raymond has previously been part of several dynamic SMEs in key financial, commercial and general management roles, with a particular focus on organisations with enterprising new products and technologies.

OUR PEOPLE



MIKE WILSON
Director & Investor

Mike joins us as a Director and Investor. He is a leading energy sector entrepreneur and founder of several successful businesses. Mike is an expert problem-solver who has previously set up innovative technologies in response to his mantra 'there must be a better way'.

Mike sees Recycl8 as a future thinking organisation who can make a real difference to the lives of people today, whilst leaving a legacy for his family, future generations and the planet we live in.



DOUG DUGUID
Director & Investor

Doug also joins as Director and Investor. He is a serial successful entrepreneur having founded and lead several award-winning energy sector organisations.

He now uses his extensive experience to help grow successful innovative companies whilst supporting energy transition and environmental sustainability.

Doug sees Recycl8 as a great investment who are a progressive organisation really making a difference on the road to creating a sustainable future for our planet.



PROFESSOR FRED GLASSER (PhD, DSc, FIMMM)
Mentor

Fred is an Emeritus Professor in Chemistry at the University of Aberdeen. A world-renowned authority on concrete and its properties, Fred works with both industry and government. As our Mentor, Fred provides specialist technical support on all aspects of our concrete technology.

Latest news/blog

Keep up to date with our latest news:

www.R8iba.com

Get in touch

We would love to hear from you:

info@R8iba.com

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