INFLUENCE! Inspiration and insight to change minds and policy

19 - 20 June 2019 University of Manchester

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JON KHOO, REGIONAL SUSTAINABILITY MANAGER (UKIME & NORDICS)

Design with the Climate in Mind







NEWS									
Home	UK	World	Business	Politics	Tech	Science	Health	Family & Education	
Politics Parliaments Brexit			UK European Elections 2019			European Elections 2019			

UK Parliament declares climate change emergency

() 1 May 2019

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MPs have approved a motion to declare an environment and climate emergency.

This proposal, which demonstrates the will of the Commons on the issue but does not legally compel the government to act, was approved without a vote.

NEWS

Politics Tech Science Health Business

Science & Environment

Climate change: UK government to commit to 2050 target

By Roger Harrabin BBC environment analyst





Greenhouse gas emissions in the UK will be cut to almost zero by 2050, under the terms of a new government plan to tackle climate change.

Prime Minister Theresa May said there was a "moral duty to leave this world in a better condition than what we inherited"

Family & Education



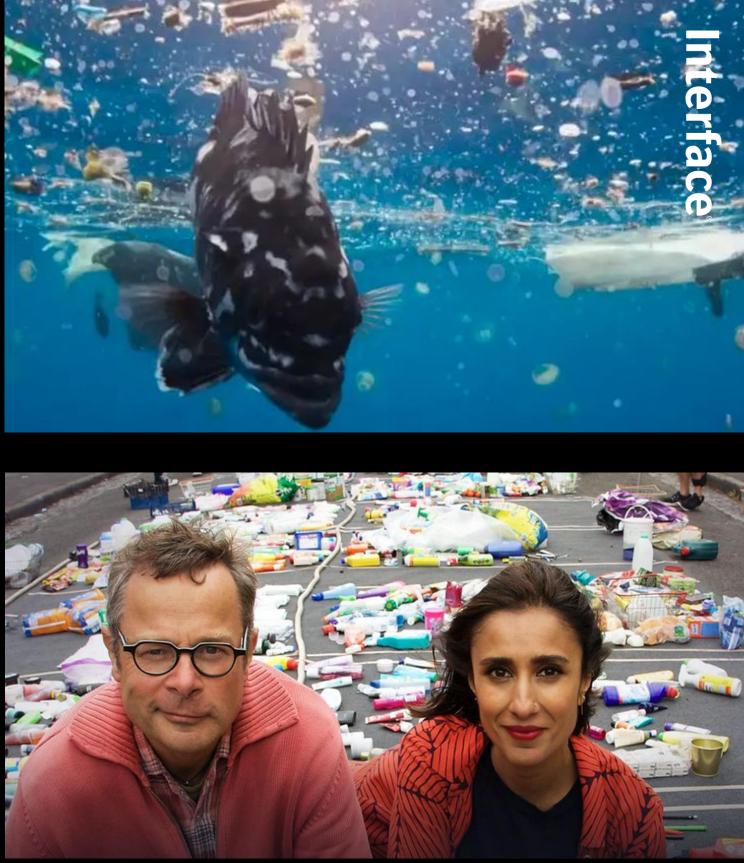


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In 1994, we set a mission to eliminate any negative impact Interface may have on the environment by 2020. We call it Mission Zero[®].



25 Years of Sustainable Progress

Factory 88% water use reduced since 1996

23



91% since 1996







88%

100% Renewable electricity in factories

58%



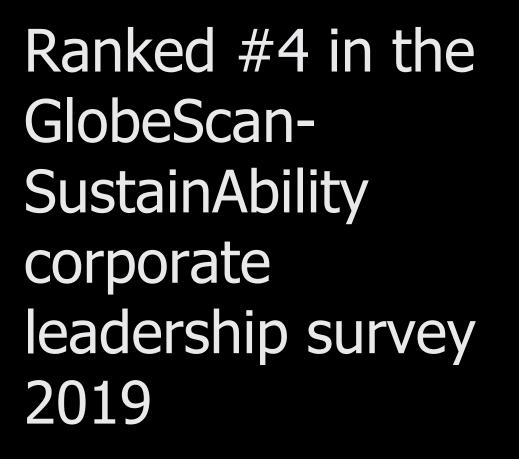
Product carbon footprint reduced



Recycled or bio-based materials









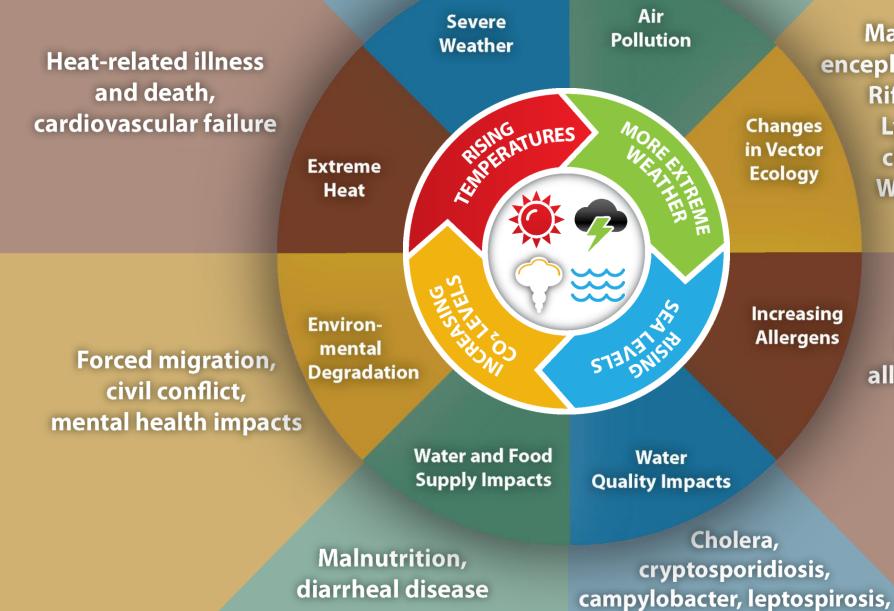




Impact of Climate Change on Human Health

Injuries, fatalities, mental health impacts

Asthma, cardiovascular disease



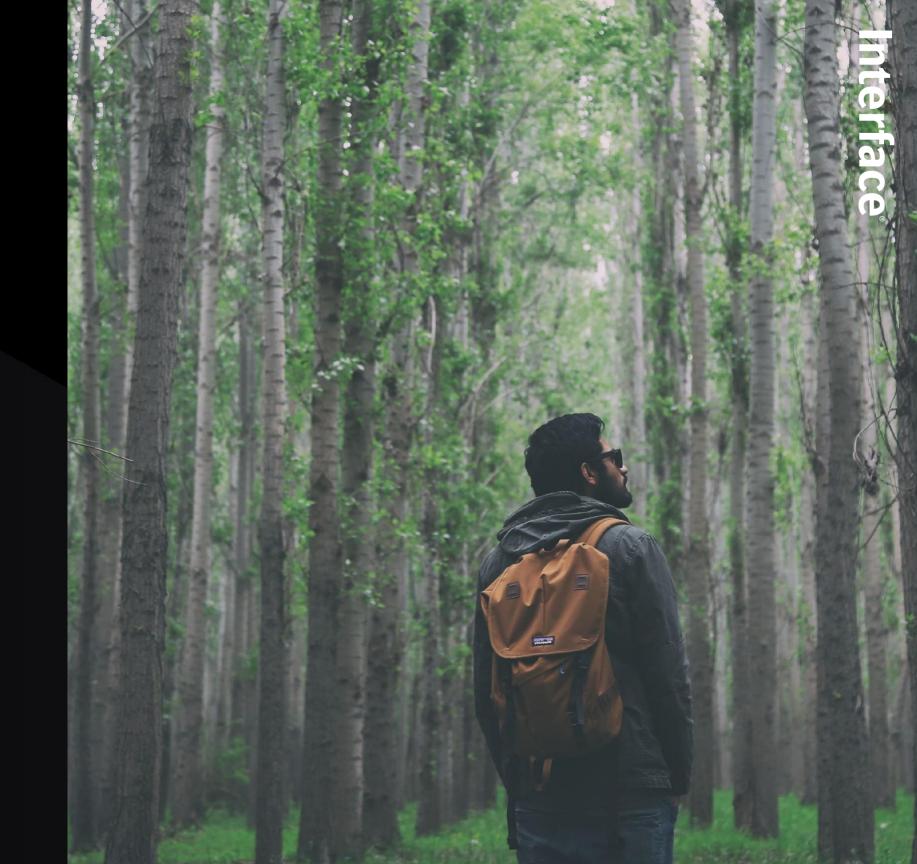


Malaria, dengue, encephalitis, hantavirus, **Rift Valley fever,** Lyme disease, chikungunya, West Nile virus

Respiratory allergies, asthma

harmful algal blooms

What are you doing for the climate?



Let's take a moment to demystify climate change

Humanity has been putting carbon where it doesn't belong... into the atmosphere causing global warming



Solving the problem

Step one....

Stop putting excess carbon into our atmosphere

As a company, we've stopped putting more carbon into the atmosphere



Photo credits: Veeterzy

Every product. Carbon neutral.

WE KNOW YOUR FLOORING'S IMPACT ON GLOBAL WARMING. THAT'S WHY ALL OUR PRODUCTS ARE NOW CARBON NEUTRAL.

+Positive spaces[™] | Better products.



Interface[®]

Carbon Neutral Floors[™]

Through Interface's Carbon Neutral Floors program

Your Company

Purchased 7,000 square metres of carbon neutral flooring

This will result in the retirement of 76 metric tons of carbon

Equivalent of the emissions from a car traveling

299,803 kilometres*

By choosing our Carbon Neutral Floors you have ensured that there is less carbon in our atmosphere and we're a step closer to creating a climate fit for life.

* Based on US EPA Greenhouse Gas Equivalencies Calculator - distance will vary

Erin Meezan VP & Chief Sustainability Officer

Issued 15-October-2018

Certificate Number EM10152018-2350



Interface's Carbon Neutral Floors program is verified by Bureau Veritas.







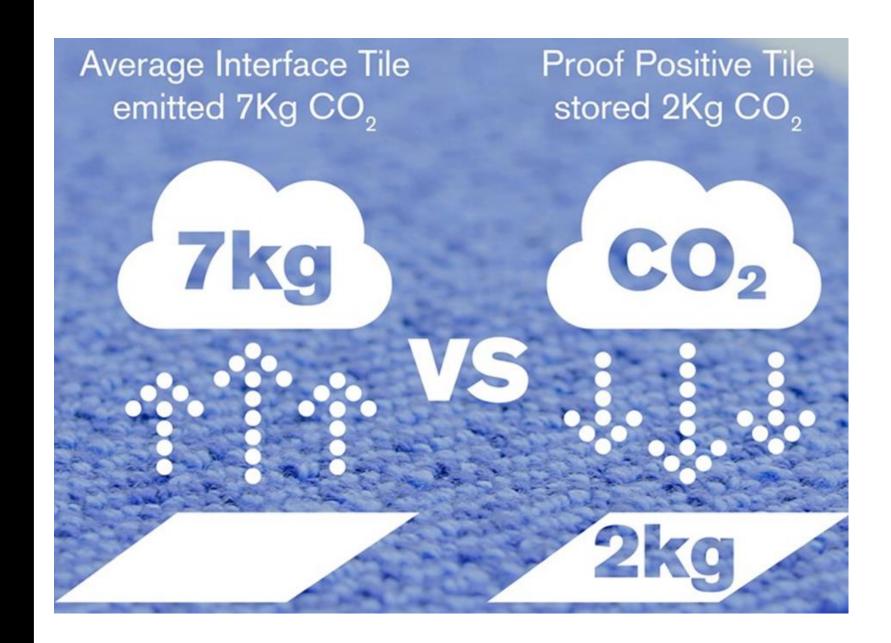
Solving the problem

Step two.... carbon drawdown

It's time to relocate the misplaced carbon – by putting carbon back out of the atmosphere and into carbon sinks



Unveiled in 2017, the Proof Positive carpet tile was a concept to prove it was possible to create a carbon negative carpet tile



CircuitBac Green is the first commercially available backing type from our new flexible backing line, using biobased as well as recycled materials.



+ Add to myF Climate change

Eight EU countries call for net-zero carbon emissions by 2050

Request that 25 per cent of bloc's budget be used for policies against climate change



ists from the Extinction Rebellion group demonstrating outside the Bank of England in London last month © Bloomberg

Rochelle Toplensky in Brussels MAY 7, 2019

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Eight EU countries have asked heads of fellow member states to cut greenhouse gas emissions to a net-zero level by 2050 and dedicate 25 per cent of the bloc's next seven-year budget to projects fighting climate change.

Belgium, Denmark, France, Luxembourg, the Netherlands, Portugal, Spain and Sweden have asked EU members to set three ambitious goals for action on climate change. EU leaders meet in Sibiu, Romania, this week.

Net-Zero countries

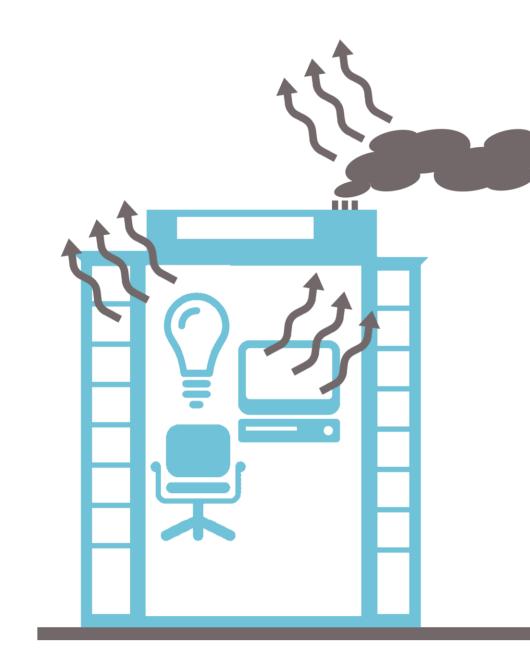
Net-Zero cities

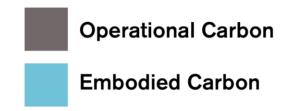
Net-Zero buildings

Net-Zero interiors

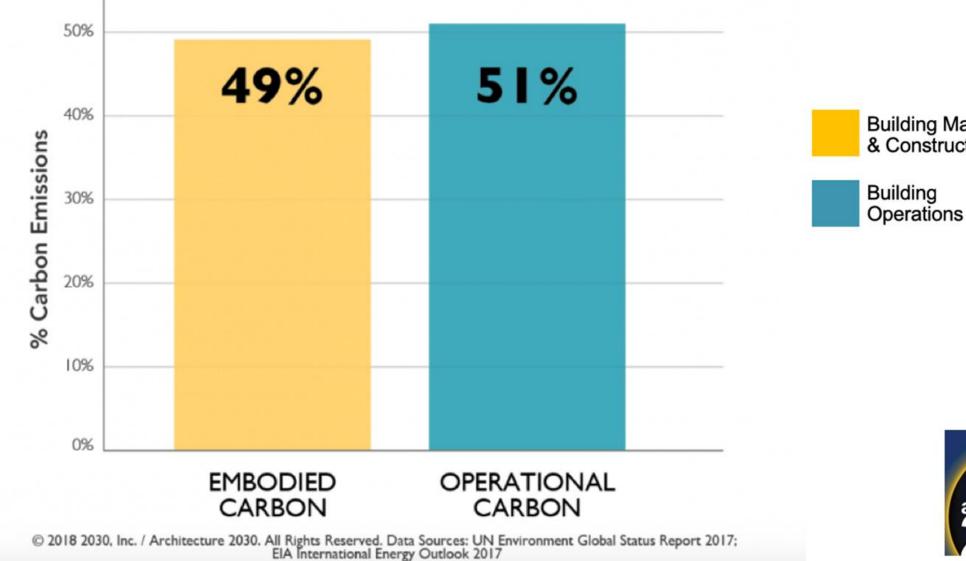
Carbon Neural Floors

Embodied carbon





Total Carbon Emissions of Global New Construction from 2020-2050 **Business as Usual Projection**





Building Materials & Construction



Powerhouse Brattørkaia

Trondheim, Norway

Architect: Snøhetta



"At the moment, the construction industry is not reporting its full impact.... we're reporting our direct emissions - from our offices, fleet and our plant. What we're not reporting is the full scale of the emissions from all of our projects. The large part of this is in the supply chain."

- Gregor Craig
- CEO of Skanska UK

NEWS

Science & Environment

Construction industry 'not reporting full carbon impact'

By Mark Syred BBC Radio 5 Live

() 14 May 2019









Carbon Action Network

SKANSKA

Interface[®]









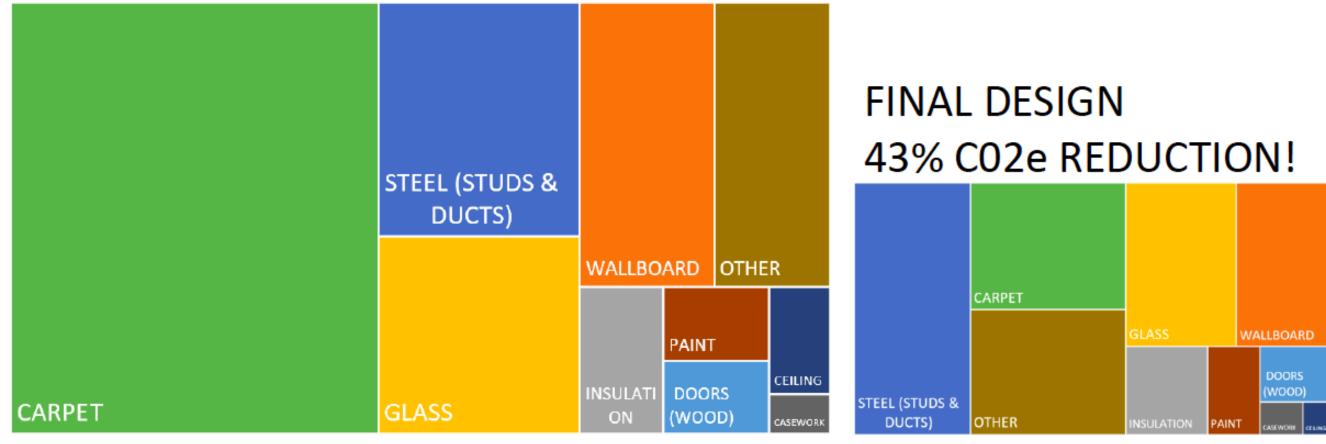






TENANT IMPROVEMENT CASE STUDY IMPROVING PERFORMANCE THROUGH EMBODIED CARBON DRAWDOWN

BASELINE SCENARIO

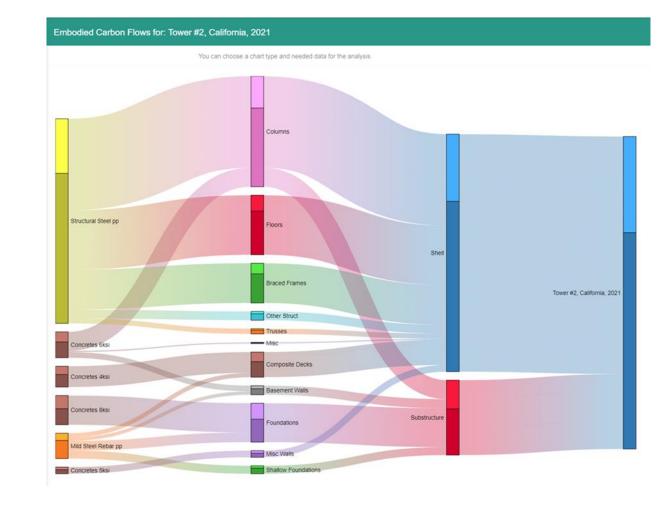


The EC3 Tool

A new, open-source tool to find, use and incentivize lower-carbon building materials

"Our early estimates are that a low-carbon building in Seattle has approximately half the carbon emissions of an average building, so this could have a substantial impact on reducing carbon emissions in our remodel and eventually the entire built environment."

- Lucas Joppa, Chief Environmental Officer, Microsoft







NOT WASTE IT. HERE ARE SOME TIPS TO HELP YOU DO JUST THAT:

1. DESIGN WITH CARBON IN MIND 2. KNOW THE IMPACT OF YOUR MATERIALS 3. POWER YOUR HOME & OFFICE WITH RENEWABLE ENERGY 4. INSULATE AWAY THOSE DRAFTS BRACE PUBLIC TRANSPORT DOWN: SWITCH OFF DEVICES YOU'RE NOT USING WALK & CYCLE MORE ELECTRIC CAR (IF YOU CAN AFFORD IT! OUR WASHING MACHINE ON THE COOL 11. JUMPER ON RATHER THAN HEATING UP 12. GROW YOUR OWN FOOD DON'T WASTE FOOD **15. TRY YOUR NEAREST FARMERS MARKET** 17. STOP BIODEGRADABLE WASTE GOING TO LANDFILL 18. CREATE A COMPOST 19. DON'T FORGET YOUR REUSABLE BAG, CUP AND SPORK 20. PLANT MORE TREES



Let's **#LoveCarbon** Our collaboration with **Sophie Thomas** and **Alexie Sommer**



1. DESIGN WITH CARBON IN MIND 2. KNOW THE IMPACT OF YOUR MATERIALS **3. POWER YOUR HOME & OFFICE WITH RENEWABLE ENERGY** 4. INSULATE AWAY THOSE DRAFTS TO REUSE BEFORE YOU BRACE PUBLIC TRANSPORT 7. POWER DOWN: SWITCH OFF DEVICES YOU'RE NOT USING WALK & CYCLE MORE AN ELECTRIC CAR (IF YOU CAN AFFORD IT! RUN YOUR WASHING MACHINE ON THE COOL CYCLE **11. JUMPER ON RATHER THAN HEATING UP** 12. GROW YOUR OWN FOOD AND UN-PACKAGED FOOD 14. DON'T WASTE FOOD **15. TRY YOUR NEAREST FARMERS MARKET** 17. STOP BIODEGRADABLE WASTE GOING TO LANDFILL 18. CREATE A COMPOST 19. DON'T FORGET YOUR REUSABLE BAG, CUP AND SPORK 20. PLANT MORE TREES



*Carbon is life Learn to love it.



Sophie Thomas







Interface[®] ZSL LET'S WORK FOR WILDLIFE



AQUAFIL synthetic fibres and polymers

Net-Works[™]

Interface

X **ZSL** LET'S WORK FOR WILDLIFE X AQUASE M synthetic fibres and polymers



Community finance Community banks are owned and managed by the community.



Guard house (MPA + Seaweed drying)

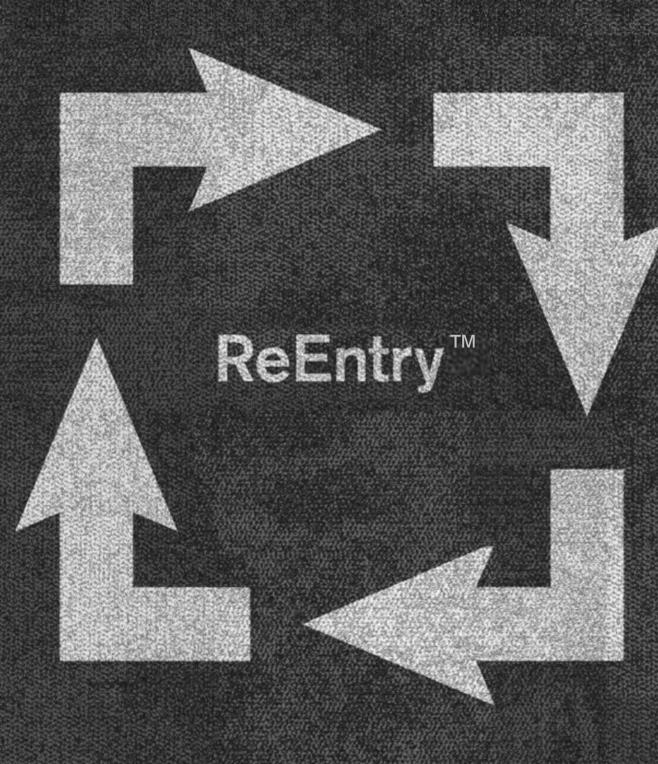
Sustainable seaweed farms Can double incomes through efficient and fair supply chains of carageenan which is used in a range of commodities from toothpaste to ice cream.

Fishing net recycling

Discarded nets are removed from the coastline and old nets are collected directly from fishermen. The nets are shipped to be processed into yarn for carpet tiles - providing the community access to an inclusive, equitable global market.

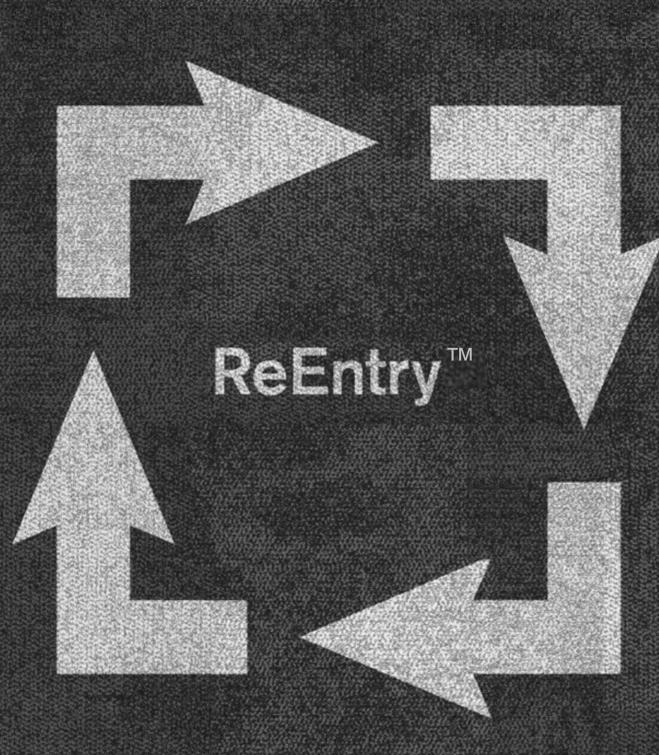
Marine Protected Area With at least 200 hectares of "no-take zone"





Interface's promise to take back used flooring products from our customers and create further value with them in the most sustainable way.





ReUse Used as flooring again

RePurpose

Converting flooring to other products or services

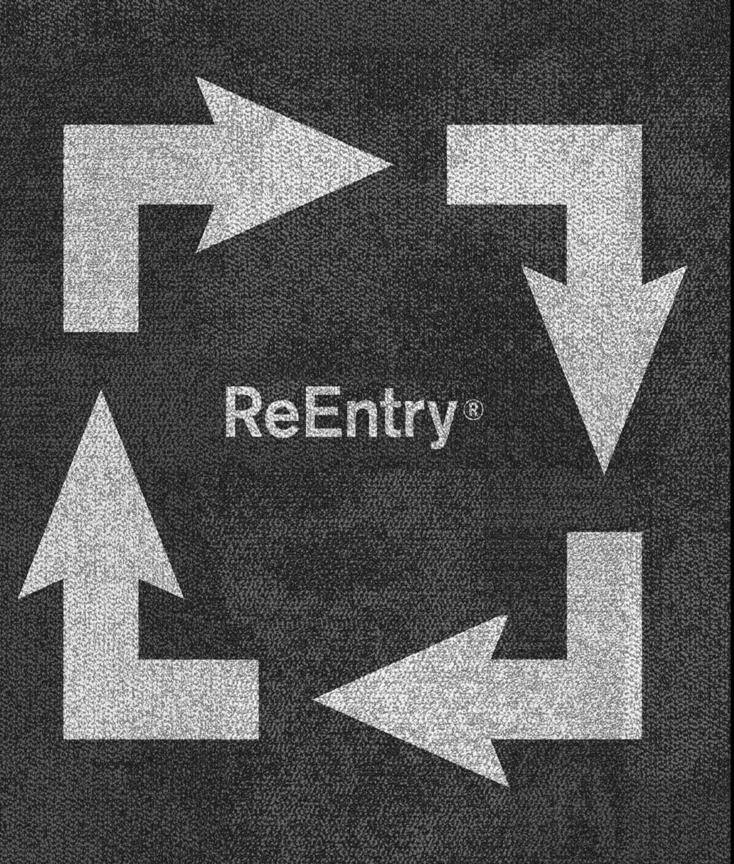
ReCycle

Separating flooring into all component materials

ReCover

When absolutely necessary, we recover energy in a waste to energy facility





The Prince's BUSINESS IN THE COMMUNITY Responsible **Business Network**

Waste to Wealth Champion

WE'RE PROUD TO BE A WASTE TO WEALTH CHAMPION IN THE FIGHT AGAINST CLIMATE CHANGE

#WasteToWealth



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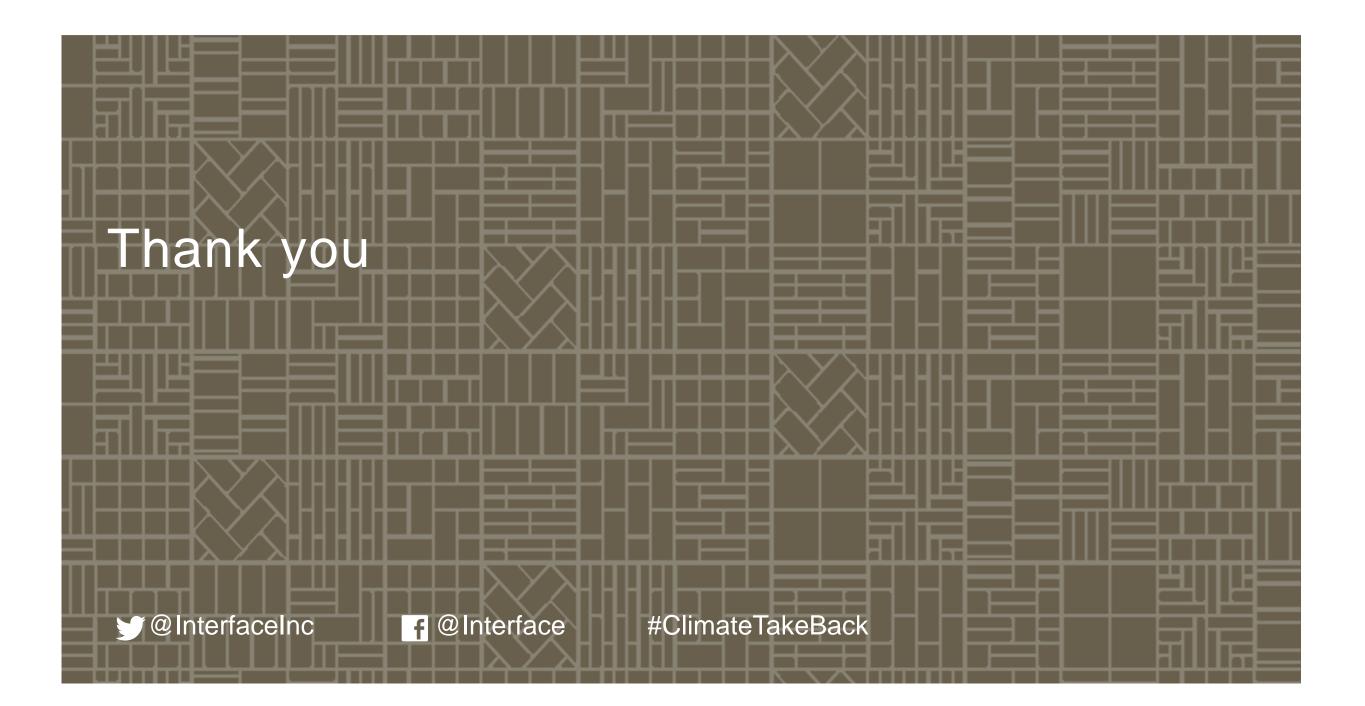


"If not us, then who? If not now, then when?"



Photo by Inga Gezalian

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The SDG Accord

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End extreme poverty, inequality and climate change www.sdgaccord.org

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