



University of  
St Andrews

CLIMATE JUSTICE

29/05/2024

DAY ONE

GRAPHIC RECORD

CAPTURED BY

BEN NIGHTINGALE

BABATAT.COM

# HUMAN DEVELOPMENT AND INTERGENERATIONAL EQUITY

UNDP IS A VERY BIG ORGANISATION WE'RE IN 177 COUNTRIES OUR HQ IS IN NEW YORK



EXPANDING THE RICHNESS OF HUMAN LIFE



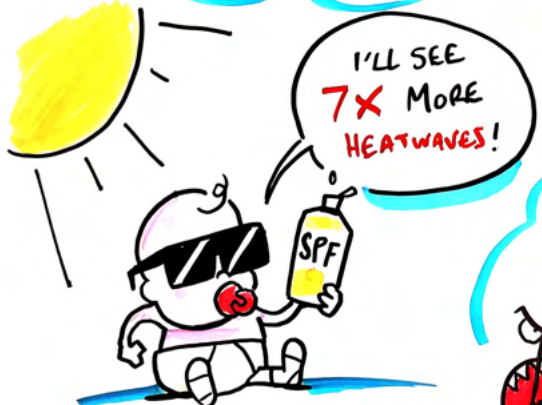
OUR CHALLENGES ARE ALL INTERCONNECTED



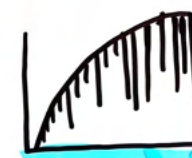
IS THIS A PERMANENT LOSS IN HUMAN DEVELOPMENT?

DEVELOPMENT IS IN DISARRAY!

WE'RE BACKSLIDING!



LOW POLLUTING, LESS DEVELOPED AREAS WILL FACE WORSE ISSUES THAN HIGH POLLUTING DEVELOPED AREAS



THE CLIMATE IMPACT LAB PREDICTS FUTURE CLIMATE TRENDS & IMPACTS.



257 DAYS ABOVE 35° IN CHAD.

MORTALITY FROM HEAT, HIGHER THAN CANCER

THAT DOESN'T SEEM FAIR...

THERE WILL EVEN BE UNEVEN EFFECTS WITHIN THOSE COUNTRIES



THE HUMAN DEVELOPMENT INDEX VARIES FROM COUNTRY TO COUNTRY



# WHAT ARE SOCIAL PRACTICES?

WHY DO THEY MATTER?

CAN WE RETURN TO "VIRTUE ETHICS"?

## PRACTICE:

ANY COHERENT AND COMPLEX FORM OF SOCIALLY ESTABLISHED COOPERATIVE HUMAN ACTIVITY THROUGH WHICH GOODS INTERNAL TO THAT FORM OF ACTIVITY ARE REALISED IN THE COURSE OF TRYING TO ACHIEVE THOSE STANDARDS OF EXCELLENCE WHICH ARE APPROPRIATE TO AND PARTIALLY DEFINITIVE OF THAT FORM OF ACTIVITY.

ALISAIR MACINTYRE



I JUST WANTED TO PLAY CHESS!

## COLLECTIVE

A CLASS OF SUITABLY COMPLEX HABITUALISED ACTIVITIES DISPERSED ACROSS TIME, SPACE AND INDIVIDUALS THAT ARE PROPERLY CAUSALLY RELATED AND SUBJECT TO NORMS

## INDIVIDUAL

A SERIES OF SUITABLY COMPLEX HABITUALISED INDIVIDUAL ACTIVITIES THAT ARE DISPERSED ACROSS TIME, PROPERLY CAUSALLY RELATED AND SUBJECT TO NORMS.

## COMMUNITY

DOINGS, BEINGS, HAVINGS

PRACTICES HELP US **FLOURISH** AS HUMAN BEINGS

BUT THEY ARE NOT ALWAYS CONSIDERED.

PEOPLE OF THE PACIFIC ISLANDS ARE BEING FORCED FROM THEIR HOMES



THEIR NEW HOMES WILL BE VERY DIFFERENT, FORCING...

...ADOPTING OF NEW PRACTICES

...STOPPING OF OUTDATED PRACTICES

PEOPLE BEING FORCED TO UNDERGO CULTURAL CHANGE SHOULD BE ENOUGH MOTIVATION TO CHANGE PRACTICES

PRACTICES CHANGE ACROSS TIME



# TEMPORAL CONSIDERATIONS

CONSIDERING  
**PERSONAL  
AUTONOMY...**

I WROTE  
THIS  
MYSELF!



How DID YOU DEAL WITH  
DEMANDING  
MORALITY?

ARE WE DELUDED  
THINKING WE CAN  
KEEP 1.5 ALIVE?

YES

CLIMATE  
SCIENTIST

BUT, IT'S NOT  
A CLIFF, MORE  
LIKE A BUMPY  
HILL.

THERE ARE NOW  
**NO SECOND CHANCES**  
TO ADDRESS THE  
**CLIMATE CRISIS**

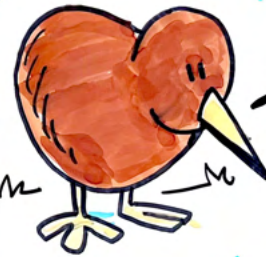
WE'RE FACING A  
**NARROW WINDOW**  
AND WE CAN'T LEAVE IT  
FOR **FUTURE GENERATIONS**  
TO FIX.

IT'S NOW  
OR NEVER  
NOW  
AND  
FOREVER



STRUGGLE TO  
MITIGATE **HARD**  
**FUTURES** IS A  
"STRUGGLE  
WITHOUT  
**END**"

JUST A  
FEW MORE  
**CENTURIES**  
AND WE'LL BE  
OVER  
**COLONIALISM**



**INSTITUTIONS** MUST CHANGE  
HOW WE INTERACT WITH  
**NATURE** IN OUR **CONSUMPTION**  
AND **PRODUCTION** PROCESSES



**TECHNOLOGY**  
IS NOT A  
**SILVER BULLET**



AM I  
**BENEVOLENT?**



OR  
AM I  
**MALEVOLENT?**

A **SEED CHANGE**  
IN HOW WE LIVE  
IS **REQUIRED**  
TO AVOID A  
**RADICAL**  
TRANSFORMATION.

**KANT** SAYS  
I CAN HAVE  
**PERSONAL AUTONOMY**  
OF THE  
**SELF!**

THAT'S  
**BOGUS!**

ANY ADAPTATION WILL BE  
**CONSIDERABLY DEMANDING**

# DECOLONIZING

# ECOLOGICAL DEMOCRACY

How can **TECHNOLOGY** AND **SCIENCE** HELP INDIGENOUS COMMUNITIES PROTECT THEIR LAND?

GET HIM!

ILLEGAL MINERS

How CAN WE DEVELOP A BETTER FORM OF GOVERNANCE/POLICY IN THE CONTEXT OF THE CURRENT CLIMATE CRISIS



WHO IS THE REPRESENTATIVE OF NATURE?

WHO IS THE REPRESENTATIVE OF INDIGENOUS PEOPLE?

PLURIVERSAL POLITICS

ONTOLOGY

THIS ISN'T ESTIMOLOGY!

ONTOLOGIST

FOR GOVERNMENTS,

THE FOREST IS CRUCIAL

IN COMBATING CLIMATE CHANGE AND FOR RESOURCES,

BUT FOR INDIGENOUS PEOPLE, THE FOREST

IS THEIR WHOLE WORLD

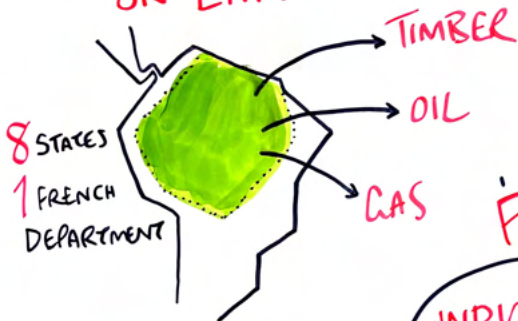
WE CAN FOCUS ON LOCAL PROJECTS OVER INTERNATIONAL POLICY

A SCIENCE PANEL FOR THE AMAZON

THE RIVER IS A PERSON

HI!

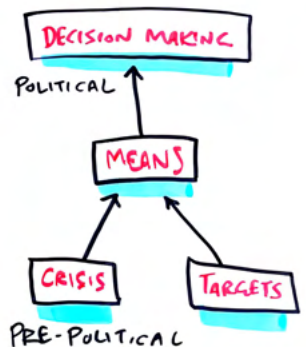
THE LARGEST RAINFOREST ON EARTH



PRESERVATION

INDIGENOUS KNOWLEDGE IS PART OF THE CONVERSATION

THE ROLE OF A SCIENTIST IS TO PROVIDE CRUCIAL INFORMATION



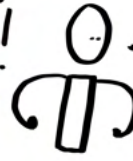
IPCC

IPBES

# SEEDING A MOVEMENT: INSIGHTS FROM INDIGENOUS FOOD SOVEREIGNTY



THE MOVEMENT IS THRIVING!



IT'S BASED ON OUR HUMAN RIGHTS!

"THE RIGHT OF PEOPLES TO HEALTHY AND CULTURALLY APPROPRIATE FOOD."

WE'RE RECLAIMING INDIGENOUS KNOWLEDGE



INDIGENOUS PEOPLE IN PERU, AFRICA & AOTEAROA ALL FACE THE SAME CHALLENGES

COLONIALISM

FOOD SOVEREIGNTY



COLONIALISM STILL EXISTS AS INDUSTRIAL FOOD PRODUCTION.

THERE ARE VERY FEW INDIGENOUS SCHOLARS



WHO WILL WRITE ABOUT US?

"ONE POLICY FOR ALL"

DOESN'T WORK FOR INDIGENOUS COMMUNITIES.



WE'RE INDIGENOUS ENTREPRENEURS!

GUARDIANSHIP

RECIPROCITY

GEOGRAPHY MIGHT KEEP US APART, BUT

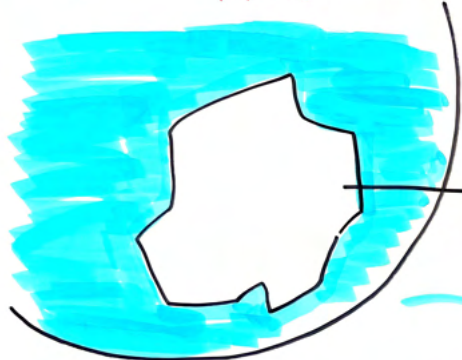
SHARED TRADITIONS BRING US CLOSER TOGETHER



THE KŪMARA CONNECTS US.

# ANTARCTIC GOVERNANCE AND REIMAGINING ANTARCTIC FUTURES

MORE-THAN-HUMAN GEOGRAPHIES AND INDIGENOUS ONTOLOGIES



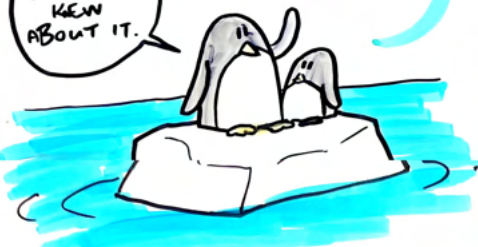
OUR PROTAGONIST

WE KNOW ANTARCTICA, AUSTRALIA AND AOTEAROA WERE CONNECTED, THANKS TO WILDLIFE...



ANTARCTICA WAS DISCOVERED (BY HUMANS) IN 1820

WE ALREADY KNEW ABOUT IT.



THOUGH SMALLER THAN PLANNED, THE ROSS SEA MARINE PROTECTED AREA WAS ESTABLISHED IN 2017



MĀORI AND ANTARCTICA

AUTHORITY OF VOICE

OTHER INDIGENOUS PEOPLE AND ANTARCTICA

ANTARCTICA IS UNIQUE, WITH NO INDIGENOUS PEOPLE.



FIRST NATIONS OF THE MURPHY DARLING BASIN HAVE BEEN MARGINALISED THROUGH WATER POLICY, BUT

NBAN & MILDRIIN ARE FIXING THIS.

AEPS → ARCTIC COUNCIL

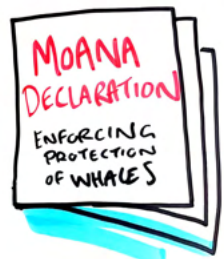
- COLLECTIVISE INDIGENOUS VOICES
- INDIGENOUS ORGANISATION
- INFLUENCE POLICY & LAW
- DELIVER INDIGENOUS POLICY

THE KUAKA



IT'S THE 25th OF MARCH!

LINKS US TO THE ARCTIC



# GRASSROOTS: WHY YOU SHOULD NEVER TRUST A COP

WE ORGANISE PROTESTS AND COUNTER SUMMITS



I'm GOING TO AZERBAIJAN!



BUS

DONT!

TO GIVE MARGINALISED COMMUNITIES A REAL VOICE

YOU NEED TO KNOW THESE ACRONYMS TO JOIN IN.

## GRASSROOTS ACTIVISTS

FACE EPISTEMIC BARRIERS

THINGS ARE TOUGH!



WE WANT TO BE HEARD!

EPISTEMIC LABOUR IS EXPLOITED WHEN A MARGINALISED AGENT MUST TESTIFY TO A PRIVILEGED GROUP

I CAN'T RELATE, SO YOU MUST BE WRONG

INDIGENOUS COMMUNITIES FACE THIS EXPLOITATION ALL OF THE TIME.

COP: CONFERENCE OF THE PARTIES TO THE UNFCCC

UNFCCC: UNITED NATIONS FRAMEWORK CONFERENCE ON CLIMATE CHANGE

NDC: NATIONALLY DETERMINED CONTRIBUTION

INTERSESSIONAL: PRE MEETING OF SUBSIDIARY BODIES OF THE UNFCCC

OBSERVERS: NON-PARTY STAKEHOLDERS

GREEN ZONE: OPEN OBSERVATION SPACE

BLUE ZONE: NEGOTIATOR SPACE

## ELITE CAPTURE



I'm MARGINALISED, BUT IN A WAY THAT PERFECTLY ALIGNS WITH ELITE INTERESTS.

YOU'VE LOST YOUR CONNECTION TO OUR COMMUNITY

## UNDERMINING PROPAGANDA

DISTORTION OF RATIONAL WILL USING FLAWED IDIOLOGY



## HERMENUTIC INJUSTICE





# BEYOND INSTITUTIONAL DENIAL

## A GLOBAL CONSTITUTIONAL CONVENTION FOR FUTURE GENERATIONS

I REFUSE TO ACCEPT OR RESPOND TO EVIDENCE!

SCIENTIFIC DENIALIST

SETTING THE SCENE:  
CLIMATE CRISIS

HUMANITY'S DESIGN PROBLEM IS ON THE BRINK OF BECOMING A FULL BLOWN CRISIS.

EMISSIONS ARE UP 40%-60% SINCE 1990 AND RISING...

LEAVING IT UP TO CHANCE WON'T DO.

50/50 IS A COINTOSS

WE HAVE COLLECTIVELY FAILED TO GRASP THE SCALE AND URGENCY OF THE PROBLEM!

2.7 BY 2100  
IT'S ACTUALLY 2.2-4+

CONVENTIONAL INSTITUTIONS HAVE BLOWN THEIR LAST CHANCE

THERE'S A PROBLEM OF MORAL CORRUPTION

# CRISIS

NOTHING TO SEE HERE!

BEHAVIOURAL DENIALISM

INSTITUTIONAL DENIALIST  
THAT WILL NEVER WORK!

I PROPOSE  
**GCC**  
GLOBAL CONSTITUTIONAL CONVENTION

DELIBERATIVE BODY

VAGUELY AKIN TO OTHER CCs

NOT A SILVER BULLET

LET'S MOVE TOWARDS  
**ACCOUNTABILITY**  
(MUTUAL)

**AUTONOMY**

**ADEQUACY**  
(FUNCTIONAL)

THIS IS ALL YOUR FAULT!

CRACK!

INSTITUTIONS FACILITATE INTERGENERATIONAL TYRANNY

WE NEED TO TAKE RESPONSIBILITY

OR GET OUT OF THE WAY!



University of  
St Andrews

# CLIMATE JUSTICE

30/05/2024

DAY TWO

# GRAPHIC RECORD

CAPTURED BY

BEN NIGHTINGALE

BABATAT.COM

# LANDCESTORS: BLACK AND NATIVE CLIMATE DREAMING

How did you get into this work?

I'm descended from ENSLAVED AFRICANS AND EUROPEAN SETTLERS

1639

18<sup>th</sup> CENTURY AMERICAN INDIANS WERE ENSLAVED ON PLANTATIONS WITH ENSLAVED ANCESTORS OF AFRICAN AMERICANS

IT'S A VERITABLE APOCALYPSE!

MY PORTMANTEAUS ARE OUT OF CONTROL!

LANDCESTOR

TERROR TORIES

WHAT DOES IT MEAN TO PERCEIVE THE WORLD FROM A NON-EUROPEAN PERSPECTIVE?

+ 200 YEARS...

MOVE OUT! I WANT A HUNTING RESERVE!

...BUT WE'VE LIVED HERE FOR GENERATIONS!

EUROPEAN

THERE'S NO ROOM FOR NATIVE/BLACK COSMOLOGY!

**WRONG!**

"SETTLER COLONIALISM" IS A STRUCTURE, NOT AN EVENT.

WHO IS IMAGINED AT THE END OF THE WORLD?

I'M WHITE!

THIS IS VIOLENCE.

WE'VE ACTUALLY SURVIVED OUR WORLD ENDING... MANY TIMES.

NASA

WHAT DO WE NEED TO GO TO MARS?

A BLACK WOMAN'S PERSPECTIVE.

FORCED CLIMATE CHANGE AND CATASTROPHE HAS COME TO BLACK AND INDIGENOUS PEOPLES MANY TIMES.

LAND IS KIN

I RECOGNISE WHO YOU ARE!

SOUNDWAVES DO NOT LEAVE THE EARTH'S ATMOSPHERE...

I'M SURROUNDED BY THE VOICES OF MY ANCESTORS!

# MARAMATAKA AND CLIMATE SCIENCE

WHEN WE NAME PLACES  
WERE CONNECTING TO  
OUR ANCESTORS

↳ WERE SPEAKING  
TO OUR KNOWLEDGE  
OF THESE PLACES

FOR THOUSANDS  
OF YEARS, WE HAVE  
NAVIGATED  
BEYOND OUR  
LINE OF SIGHT.



MOVING DEPENDING ON  
FISHING SEASON

COAST

GARDENING SEASON

VALLEYS

CLIMATE CHANGE  
AFFECTS OUR LIVES  
DIRECTLY.



AFTER ONLY 80 YEARS  
OF CONTACT, WE WERE  
FORCED TO HAND OVER OUR  
ISLANDS TO THE  
CROWN.

MĀORI ARE  
CHARACTERISED  
AS FIRST RESPONDERS

DID THIS CRISIS  
LEAD TO ANY GOV  
RESPONSE TO CLIMATE  
CHANGE?



THERE NEEDS TO BE  
AN ANALYSIS  
↓  
MOTIVATE CHANGE



WE ARE  
INTIMATELY  
CONNECTED  
ACROSS  
PHYSICAL  
DISTANCE

WE'RE NOT  
HOMOGENOUS!  
EVERYONE  
HAS A  
CRAZY UNCLE.

MĀTAURANGA

MĀORI  
WORLD  
VIEW

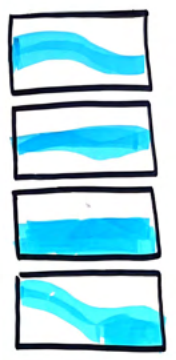
500 DIFFERENT  
WORDS FOR  
WIND

# ANTARCTICA AND PHILOSOPHY

ANTARCTICA AND ITS IMPORTANCE FOR PHILOSOPHY AND PHILOSOPHICAL ENQUIRY

IT'S ONE OF THE MOST FASCINATING ECO SYSTEMS IN THE WORLD

THESE ARE THE WATERS TO WHICH I BELONG!



HOW DO EXISTING IDEAS EXIST IN THIS ENVIRONMENT?



WHAT DOES IT MEAN TO RELATE WELL?

SOCIAL/ENVIRONMENTAL NETWORKS OF CONNECTIONS AND SEPARATION

WHEN I THINK OF INDIGENOUS PHILOSOPHY, I ALSO THINK OF THEIR LANDSCAPES

OUR RELATIONSHIPS WITH THE LANDSCAPE REINFORCE OUR CULTURAL IDENTITY

MULTI GENERATIONAL

THERE ARE MANY WAYS INTO AND THROUGH INDIGENOUS PHILOSOPHIES

MĀORI PHILOSOPHY TAKES INTERGENERATIONAL RESPONSIBILITY SERIOUSLY



IDEAS RELY ON INCORPORATING NEW IDEAS, RECOGNISING MISTAKES, THEN ADAPTING AND EVOLVING.

ARE WE BRAVE ENOUGH TO TRY SOMETHING NEW?

LEAVING A THRIVING PLANET REQUIRES...  
IMAGINATION  
INNOVATION  
CREATIVITY

CONNECTING ALL THINGS IN THE PRESENT

# THE CO-PRODUCTION IMPERATIVE:

DOING MORE THAN GIVING VOICE TO FUTURE GENERATIONS

FISHERIES & OIL  
CONTRIBUTE TO  
THE LIVELIHOOD  
OF MANY COMMUNITIES

**BUT**

PERU IS STILL  
FACING EXTREME  
POVERTY IN MANY  
AREAS.



WHAT IS THE ROLE  
OF CHILDREN  
IN CLIMATE JUSTICE?

YOU'RE  
A  
VICTIM!



HOW  
DARE  
YOU?!

I'M AN  
AGENT!

IN WHAT CLIMATE  
CONTEXT ARE  
CHILDREN TRYING  
TO LEARN?

IT'S  
TOO HOT  
TO LEARN!



WARM WATER  
CONTRIBUTES TO INTENSE  
RAINFALL AND FLOODING!

CHALLENGING THE  
CLIMATE CRISIS  
NARRATIVE...



WHAT  
AM  
I?

YO SOY  
EL NIÑO!

WARNING  
SYSTEMS

ARE NOT  
ALWAYS ~~ACTIVE~~  
ACCURATE.

WE WERE  
EXPECTING  
YOU  
IN  
2015!



WE LOVE  
THE RAIN!

WE CAN  
CATCH  
MORE  
FISH!

WE CAN  
GROW  
MORE!

CAN THIS  
COUNTERNARRATIVE  
HELP STRENGTHEN  
DISASTER RESPONSE  
MEASURES?



KNOWLEDGE NEEDS TO BE  
CONSTRUCTED THROUGH  
COLLABORATIVE PROCESSES  
EMBRACING A DIVERSE  
OF KNOWLEDGE SYSTEMS

WE CAN BENEFIT FROM  
INTERGENERATIONAL  
LEARNING

LET'S FOCUS ON  
EPHEMERAL  
LAGOONS

WE KNOW  
VERY LITTLE  
ABOUT THIS!



# ABOUT CLIMATE INJUSTICE:

## WHAT DOES IT MEAN?

## WHAT LIES AHEAD?

2 YEARS AGO, WE WERE GIFTED THE NAME "MARY ROBINSON" CENTRE FOR CLIMATE JUSTICE.

A PEOPLE-LED APPROACH TO IMPROVING LIVES



MY INTERDISCIPLINARY BACKGROUND HELPS ME TO CONNECT AND REFLECT WITH A VARIETY OF DISCIPLINES

WE'VE MADE OVER 3000 CONNECTIONS!

HOW DO WE IN SCOTLAND DEAL WITH CLIMATE CHANGE?

WE'RE NOT MEETING OUR TARGETS FAST ENOUGH!

INDUSTRIALISATION SINCE THE '40S HAS ESTABLISHED OUR INSATIABLE NEED TO PRODUCE PRODUCTS AND BUY! BUY! BUY!

THIS HAS RESULTED IN A HIGHER STANDARD OF LIVING FOR THE GLOBAL NORTH.

CAN WE KEEP 1.5 ALIVE?

THERE'S A 14% CHANCE!

THIS ISN'T JUST IN AFRICA

2023 WAS OUR WARMEST ON RECORD

HOW MUCH WILL THIS COST?

TOO DRY FOR CROPS

WE'RE FACING A HEALTH CRISIS AND FLOODING

WE DIDN'T THINK ABOUT THE DOWNSIDE!

FOR NOW!

COUNTRIES IN GLOBAL SOUTH ARE EXPERIENCING THE BRUNT OF THE DAMAGE.

WE DON'T DESERVE THIS!



THIS IS A WHOLE OTHER LEVEL OF DIFFICULTY!

OUR LIVES MATTER!

LET'S LOOK AT CLIMATE JUSTICE THROUGH THE LENS OF OUR RELATIONSHIP WITH THE ENVIRONMENT.

HOW CAN WE HELP THOSE ON THE FRONT LINE?

POVERTY TARGETING!

IT WILL REQUIRE A COLLECTIVE EFFORT!

INDIVIDUALS | INDUSTRY | GOVERNMENT

WE'RE ON A WEATHER ROLLER COASTER!

THIS IS ABOUT FAIRNESS



MY HOME IN GLASGOW FLOODED, NOW I'M HOMELESS!

