## KR Foundation Annual Report





## **ABOUT KR FOUNDATION**

KR Foundation is a philanthropic foundation established on 21 December 2014 by VILLUM FONDEN and the descendants of Villum Kann Rasmussen, MSc in Engineering. The purpose of the Foundation is to address the root causes of climate change and environmental degradation.

KR Foundation has a stated capital of approx. DKK 10m, donated by its founders, and an annual distributable capital of approx. DKK 100m, donated by VILLUM FONDEN.

The stated capital is invested as "mission-related" (i.e., the investment is not made in companies that extract, produce, or are heavily reliant on fossil fuels) through Forvaltningsinstituttet for Lokale Pengeinstitutter in the Triodos Sustainable Bond Fund.

The distributable capital is also partially invested as "missionrelated" until the funds are disbursed as grant instalments. The investment portfolio consists of bonds and various Triodos investment funds.

In 2018, KR Foundation used the following advisers and service providers:

- · Auditor: Deloitte
- Legal counsel: Horten
- Asset managers: Forvaltningsinstituttet for Lokale Pengeinstitutter and Merkur Cooperative Bank
- General banking purposes: Merkur Cooperative Bank
- Bookkeeper: LXP Consulting

KR Foundation is based in Copenhagen, Denmark but works internationally.

Mission

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Sustainable Stories for **Generation Netflix** 

A Rapid Transition towards a Thriving **Planet** 

Cases

**Kick-starting** Conversations about Climate Change and Consumption in Africa

Investors with USD 32 trillion in Assets Are Pushing Big Business to Act on Climate Change

Shifting the Narrative on Energy Transition in Japan

**Advancing Climate-**Friendly Retail Investments in the EU

Changing How the **Economy Works** through Partners for a **New Economy** 

"Rapid, Far-Reaching and Unprecedented **Changes in All Aspects** of Society"

**Bringing International** Climate Champions to Denmark

**List of Grants** 

References

**KR Foundation** Annual Report 2018

The Annual Report is published by: **KR Foundation** c/o Klub Linnésgade 25 DK-1361 Copenhagen www.krfnd.org

Editor: Brian Valbjørn Sørensen Sub-editor: Jakob Bo Nielsen Design: Peter Ørntoft

## **MISSION**

Humanity is facing unprecedented risks caused by climate change and environmental degradation. The unsustainable production and consumption patterns of modern societies and dependency on fossil fuels, in particular, are changing our climate and damaging our eco-systems at an extraordinary scale and pace.

The root causes of these grave challenges are economic, political, and cultural. There is an urgent need to transform the current understanding of how we measure and value growth and how we manage and relate to natural resources. These issues must be brought into the mainstream of economic and political decision-making as well as into our day-to-day practices and behaviour.

KR Foundation aims to provide answers to, change mind-sets about, and encourage action on the challenges faced by current and future generations living on a planet with finite resources, fragile ecosystems, and climate change.

The Foundation's overall aim is aligned with the Paris Agreement's goal of keeping global temperature rise in this century well below 2 °C above pre-industrial levels and to pursue efforts to limit the temperature increase even further to 1.5 °C.

The mission of KR Foundation is to address the root causes of climate change and environmental degradation



### **FOREWORD**

## THE DECISIVE **DECADE**

### The IPCC 1.5°C report was a pivotal moment in 2018

The launch of the IPCC's Special Report on Global Warming of 1.5°C marked a pivotal moment in 2018. According to this comprehensive scientific report, it remains possible to limit global warming to 1.5 degrees, which is believed to be a "safe limit" of warming. If the rise in temperature exceeds the 1.5°C threshold, it could potentially have catastrophic consequences for large populations around the globe. However, the report also clearly states that the window of opportunity is rapidly closing. According to the IPCC, by 2030, emissions need to fall by about 45 pct. from 2010 levels. We are entering a decisive decade on climate change action.

In 2018, the IPCC report, combined with tangible impacts of climate change such as more frequent extreme weather events<sup>1</sup> and large spikes and drops in temperatures across the globe<sup>2</sup>, brought climate change into the mainstream debate in many countries. Even though climate change deniers are leading some of the largest economies in the world, public protest against climate inaction and for climate action is on the rise; and many young people -- especially, in Europe and the US -- are taking to the streets. News media and large swathes of the population are now paying close attention to the changing climate and environmental degradation.

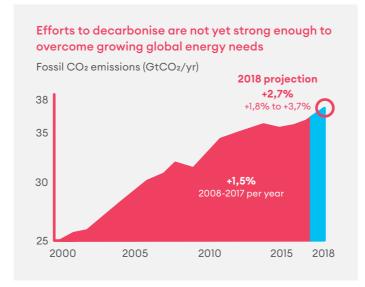
### Sustainable Finance and Sustainable Behaviour - Key areas in the fight against climate change

The IPCC report stresses that "we need rapid, far-reaching and unprecedented changes" during the next ten years if some of the worst consequences of climate change are to be avoided. Pushing for such changes is at the heart of what KR Foundation aims to do. At KR Foundation, we have a strong focus on two areas: Sustainable Finance and Sustainable Behaviour. We believe that the Foundation can have the highest possible impact by working in these two areas.

Investors continue to finance the exploration and production of fossil fuels even though science tells us that we have more fossil fuel resources than can safely be burned, and renewable energy alternatives are ready and able to take over. There is an urgent need to accelerate the transition away from fossil fuels, and finance is a powerful lever for doing so.

In addition, our behaviour and lifestyles -- especially, in developed countries -- pose a severe threat to the climate and the environment. We cannot rely on technology alone to move us towards truly sustainable societies; we also need to change the way we behave and consume. There is an urgent need to reduce our climate and environmental footprints.

Within these two programme areas, we have seen remarkable progress and achievement during 2018. Investment flows are changing. Trillions of dollars are being divested from fossil fuels; coal power plants are being shut down and prevented from built; and large financial institutions are starting to pay attention to climate change. At the same time, people are turning towards more environmentally-friendly diets, and we are beginning to understand what it really means to have sustainable lifestyles.



Source: Global Carbon Project (2018) Carbon budget and trends 2018



However, the end goal is still far out on the horizon. CO2 emissions reached an all-time high in 2018, rising 2.7 pct.3 The earth's resources were used 1.7 times faster than our planet's ecosystems can regenerate and oil and gas production grew globally by more

Urgent action is long overdue. The IPCC report and the resonance it created throughout the world offer a renewed opportunity to galvanize broad, large-scale support for the changes needed to safeguard the climate and the environment.

Astrid Kann-Rasmussen Co-founder and Vice-chair

## DEVELOPMENTS IN SUSTAINABLE FINANCE

Extraction, production, and consumption of fossil fuels are root causes of climate change and environmental degradation. The "Sustainable Finance" programme seeks to shift financial flows to reduce fossil fuel supply and demand to safe levels.

In 2018, signs appeared that the financial sector is beginning to take climate change seriously. Trillions of dollars are being divested from the fossil fuel industry; investors are putting more pressure on the big companies that pollute; and innovative measures are being deployed to prevent the extraction of fossil fuels. In spite of this, the goals of the Paris Agreement are still far from being realized.

## Impact through investor engagement

In 2018, there was an unprecedented alignment of investors to combat climate change by putting pressure on the top 100 most-polluting companies in the world. KR Foundation grantee Climate Action 100+ - an investor network with USD 32tr in assets - convinced Royal Dutch Shell to commit to 5-year targets leading to a 50 pct. reduction of emissions by 20504. While this is not in line with the well-below 2 degrees target, it is ambitious for a major oil company.

CA100+ also convinced A.P. Møller-Mærsk to commit to a target of net-zero emissions by 2050 (with carbon-neutral vessels commercially viable by 2030<sup>5</sup>) and made Xcel Energy, one of the largest US energy utilities, agree to shift to 100 pct. renewables by 2050.<sup>6</sup> In September 2018, the Japanese Government Pension Fund, the largest asset owner in the world, decided to put USD 10bn into low carbon indices and joined the Climate Action 100+

Another important issue about which investors are increasingly concerned is the lobbying efforts of companies. Last year, KR Foundation grantee InfluenceMap advised a group of European asset owners, representing EUR 2tr, to send a warning to the European corporate sector that investors are monitoring whether and how companies support climate lobbying efforts and/or anti-climate lobbying efforts.8 Investors consistently requiring companies to step away from anti-climate lobbying efforts play a significant role in reducing the power of the fossil fuel lobby, a lobby that has helped ensure that the fossil fuel industry still receives billions of dollars in subsidies every year.

## The divestment movement is all grown up

In addition to using their power of ownership, investors are divesting funds in the fossil fuel sector on an unprecedented scale. By the end of 2018, a total of USD 8tr had been divested from fossil fuel assets. The size and influence of the divestment movement has led several fossil fuel companies to consider the movement as a material risk. The divestment movement is spearheaded by KR grantees 350.org, BothEnds, Ansvarlig Fremtid, Urgewald, BankTrack, and many more.

## 8 trillion

### By 2018 USD 8 trillion has been divested from fussil fuel assets

New York State and City<sup>11</sup> divested from and filed lawsuits against five of the oil major companies: BP, Chevron, ConocoPhillips, Exxon Mobil, and Royal Dutch Shell.

Investors such as Danish Pension Funds, MP Pension<sup>12</sup>, and PKA<sup>13</sup> decided to sell off substantial shares in oil companies, based on analysis and data provided by KR Foundation grantee CarbonTracker<sup>14</sup>.

In the banking sector, the Royal Bank of Scotland<sup>15</sup> announced that, at the end of May 2018, it would stop lending and provide finance to companies that are heavily involved in coal and tar sands. In late April, HSBC announced that it would stop funding tar-sand projects and new coal power plants outside Vietnam, Indonesia, and Bangladesh<sup>16</sup>. In September 2018, Standard Chartered announced that it would stop financing coal expansion globally<sup>17</sup>. The statement from Standard Chartered was significantly stronger than the one from HSBC, which might signify that a race to the top on climate-related policies is about to happen in the banking sector. These decisions were influenced by KR Foundation grantees Market Forces, BankTrack, and Urgewald.

## Insurance companies have decided to combat climate change

2018 was also the year in which the European insurance industry became a major player in the fight against the fossil fuel industry, while US and Asian insurers and re-insurers lagged behind. Three of the five largest insurance companies and the two largest reinsurance companies announced that they would phase out insurance and investments in coal.

In late 2017, French insurance company
AXA decided to divest more than EUR 700m



100 companies are accountable for 2/3 of the annual global industrial emissions

in oil and oil infrastructure. <sup>18</sup> In Italy, the insurance company Generali announced it would cut investments in the amount of USD 2bn in coal <sup>19</sup>, followed by a similar announcement of the German-based insurance company Allianz. <sup>20</sup> Two of the largest reinsurance companies in the world, Munich Re<sup>21</sup> and Swiss Re<sup>22</sup>, announced coal exclusion policies. KR Foundation grantees Europe Beyond Coal, Les Amis de la Terre, RE:Common, and Urgewald played a role in these decisions.

The financial sector – whether pension funds, banks, or insurance companies – is increasingly engaged in climate change mitigation. This movement really started becoming more mainstream in 2017, and in 2018 there was an increase in the speed and volume of the actions taken. Unfortunately, the scales are still in favour of the incumbent fossil fuel industry, which receives annual investments that are many times higher than the renewable alternatives. The financial sector is still far from becoming "green".

## The financial sector is becoming more transparent on climate change

Financial institutions are becoming more open about their climate-related and environmental impacts. In 2018, the EU Council of Ministers of Finance decided to make it mandatory for EU banks to disclose Environmental, Social and Governance (ESG) risks within the next 3 years.<sup>23</sup>

It was also decided to begin to include ESG risks in the EU monitoring of national financial regulators and to commission a study on the possibility of differentiating the capital requirements for banks depending on their green vs. brown assets. These decisions increase the transparency of the climate impact of EU-based banks.

Furthermore, in 2018, a number of financial institutions adopted the recommendations of the G20 Task Force on Climate-related Financial Disclosure, including both Danske Bank<sup>24</sup> and the Danish pension fund SamPension.<sup>25</sup> In 2018, the Bank of England also began preparing new guidelines for how British banks and insurers should manage climate change<sup>26</sup>. This will be the first time a regulator of a global financial centre publicly incorporates climate change into its supervisory practices.



If we want to keep the temperature rise below 2 degrees we can only afford to burn 1/5 of our coal, gas and oil reserves

## DEVELOPMENTS IN SUSTAINABLE BEHAVIOUR

Unsustainable consumption patterns form a root cause of climate change and environmental degradation. The "Sustainable Behaviour" programme seeks to strengthen pro-environmental mind-sets, values, and behaviour in order to reduce the material footprint to safe levels.

According to a recent report funded by KR Foundation, household consumption emissions must drop to less than 2.5 tons per person by 2030 and 0.7 tons per person by 2050<sup>27</sup> - if the goals of the Paris Agreement are to be reached. Currently, household consumption emissions in Denmark are roughly 13 tons per person<sup>28</sup>. The report made by IGES defines a "per capita lifestyle footprint" and gives a clear message that rapid, transformational changes in lifestyles are necessary to minimize climate disruption and environmental degradation. This magnitude of change is not possible through behavioural change alone; however, it is likely also not possible through technological advances and efficiency alone. It is necessary to reduce demand for energy and resources particularly, in the developed countries<sup>29</sup>. Promoting lifestyles based on sustainable well-being is essential to achieve this.

KR Foundation is pioneering an ambitious approach to Sustainable Behaviour with a variety of target groups – from individual households to major faith groups to young people willing to tackle the consumerist culture.

## New narratives in climate communications

KR Foundation is funding organisations that work with young people to tackle materialistic values and high-impact practices. Global Action Plan UK is working in Europe to make a film with and for young people, revealing the pressure to conform to norms of overconsumption.

The Children's Radio Foundation is working in six African countries to train young radio journalists as community activists on climate change. It is also tackling new pressure from multinational corporations that want to expand to new markets in developing cities.

KR Foundation's support of faith-based initiatives continues, and in 2018 a grant was provided to expand the work of GreenFaith's "Living the Change" initiative. This project guides faith communities and faith leaders to pledge to reduce their footprint from high-impact behaviours relating to food, transport, and household energy use.

KR Foundation remains committed to working on transformational communications, for example, through funding One Earth to develop a "Beacon" for resources and inspiration on "one ton living". In 2018, a grant was made to Climate Outreach to design, test, and promote culturally-specific narratives in parts of the world that are not usually reached by standard climate communications, such as the Arab region.

## Living within the planetary boundaries

At the city level, C40 received a grant from KR Foundation to pilot the "Thriving Cities" initiative in Portland, Barcelona, and Philadelphia. These pioneering cities receive support to start the transition to truly sustainable living with absolute reductions in consumption-based emissions while aiming to increase well-being.

A KR Foundation grantee, the Wuppertal Institute, started a new initiative in 2018, building on a pilot project that enabled households to reduce emissions between 10 and 80 pct. within a month – and to maintain reduced emissions levels over the longer term. This approach is now being rolled out in eight countries, including both developed and developing nations.

## How to make transformative change

During 2018, KR Foundation provided two grants to the Institute of Development Studies: the first was to establish the

## Pioneering the field of Sustainable Behaviour

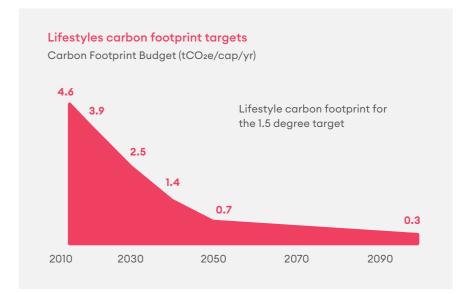
KR Foundation is pioneering an ambitious approach to funding within the field of Sustainable Behaviour. The focus is on:

- Defining what "sustainable behaviour" means in practice.
- Developing methodologies for transitioning societies to sustainable ways of living.
- Shifting social norms away from high-impact behaviours.

Rapid Transition Alliance in order to show that deep, transformational change can also be rapid – and to provide lessons from historical precedents for rapid change. The second grant is to form a task force of experts from political science and the sustainable consumption field to develop innovative and ambitious proposals to increase policy (and public) acceptability for rapid demand reduction.

In 2018, KR Foundation also provided a grant to support a new initiative that is using insights from clinical psychology to explore the challenges faced when trying to reduce emissions – starting with the thorny issue of aviation within the environmental sector. Psychologist Renee Lertzman is leading this project, which addresses the deeper psychological aspects of behaviour change.

As human-made environmental threats gain more mainstream understanding, KR Foundation continues to seek the most ambitious propositions to catalyse sustainable ways of living. As the Sustainable Behaviour portfolio grows, the Foundation is able to build connections between grantees and facilitate learning and inspiration for those at the cutting edge of experimentation and innovation in initiating transformational communications, changing social norms, and promoting policy acceptance for transformational change.



Source: Institute for Global Environmental Strategies, Aalto University, and D-mat ltd. 2019. 1.5-Degree Lifestyles: Targets and Options for Reducing Lifestyle Carbon Footprints.

## GOVERNANCE AND PARTNERS

KR Foundation's Board of Directors has 5 members:



### Johan Rockström

Professor in Environmental
Science with emphasis on
water resources and global
sustainability at Stockholm
University, Co-director of the
Potsdam Institute for Climate
Impact Research, and Chief
Scientist of Conservation
International

### Connie Hedegaard (Chair)

Former European Commissioner for Climate Action and Danish Minister for Climate and Energy (DK)

### Astrid Kann-Rasmussen (Vice-Chair and Co-founder)

Chair of V. Kann Rasmussen Foundation (US)

### Tim Jackson

Professor of Sustainable Development & Director of the Sustainable Lifestyles Research Group, University of Surrey (UK)

### Anthony A. Leiserowitz

Research scientist & Director of the Yale Project on Climate Change Communication, School of Forestry & Environmental Studies, Yale University (US) To maximize impact, KR Foundation coordinates its efforts with international foundations and partners. Key networks and partners are:

- European Climate Foundation (ECF), a major philanthropic initiative established to help Europe foster the development of a low-carbon society and play an even stronger international leadership role to mitigate climate change. KR Foundation's Chair, Connie Hedegaard, is a member of ECF's board.
- Partners for a New Economy (P4NE), an international donor collaboration that supports innovative, high-risk interventions that encourage the economic system to value ecological integrity and human well-being. KR Foundation's Vice-Chair, Astrid Kann-Rasmussen, is a member of P4NE's Partners Board.
- ClimateWorks Foundation: Through ClimateWorks, KR Foundation participates in the Funders Table, which is an informal collaboration of not-for-profit foundations dedicated to climate change mitigation.

Brian Valbjørn Sørensen Executive Director of KR Foundation.

## **KEY FIGURES**

Granted in 2018:

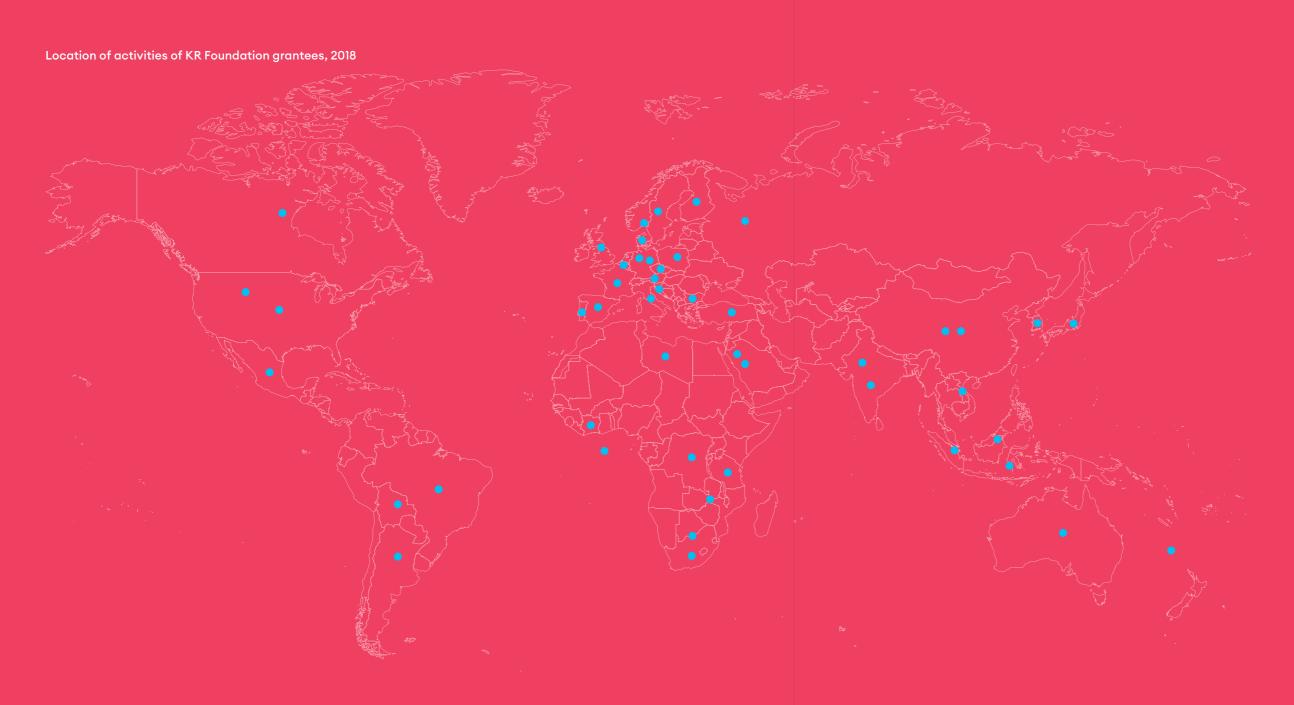
DKK 94,947,005

Number of grants:

**47** 

### Grants awarded by programme area and other interventions, 2018

Programme area	Amount, DKK	Number of grants
Sustainable Behaviour	36,358,914	14
Sustainable Finance	31,762,763	16
Other Interventions	26,825,328	17



## A WORD FROM KR FOUNDATION **GRANTEES**

### Sustainable Finance



**Catherine Howarth Chief Executive, Share Action** 

"The publication of the EU's Action Plan on Financing Sustainable Growth was, for me, the most significant development of 2018. The Plan presents concrete and ambitious legislative proposals covering mainstream financial services across Europe. So, that's my number one, but there were lots of other great things that happened, including developments in the G20 Task Force on Climate-related Financial Disclosure (TCDF), pledges made durina this vear's Global Climate Action Summit, and central bank developments."

"For 2019, the big battle is about whether investors move beyond asking how climate and other sustainability factors affect portfolio returns and, instead, ask how their investment decisions affect the climate. In other words, it's time to hold major investors accountable for their impacts on climate change. To achieve this, we're going to need a strong new legal framework for investors' duties. Work has begun on this, and I hope we'll

make meaningful progress in 2019."

"Several major banks, including JP-Morgan Chase, the largest banker of fossil fuels globally, are likely to issue G20 Task Force on Climate-related Financial Disclosure (TCFD) compliance reports in 2019. If they estimate and publish their financed emissions, as the TCFD recommends, it could raise red flags among the banks' shareholders and push investors, including those in the Climate Action 100+, to start pressuring the banks to cut back their fossil fuel financing."

**Patrick McCully** 

Climate and Energy Director,

"The raft of new policies from the

major European insurers restricting

insurance and investments in the coal

kers indicate that these restrictions are

sector. The big global insurance bro-

causing considerable concern within

the coal sector that high quality insur-

ance is going to become unavailable."

**Rainforest Action Network** 



**Sustainable Behaviour** 

Jill Kubit Co-founder & Director, **DearTomorrow** 

"I'd say that one of the most important things has been the recognition that behaviour change and public engagement are integral for meeting the 1.5 degree targets outlined in IPCC report and also in the new 1.5 degree lifestyle report.

Also important has been Greta Thunberg's authentic messaging around sustainable lifestyles (no meat, no flying) and connecting it to her political activism. I think this has opened up an interesting dialogue within the field."



Managing Partner, Global Action Plan

"The most ground-breaking theme in 2018 has got to be new people publicly doing things that challenge current norms and the stereotype of environmentalists - from school children striking to mass civil disobedience and high-profile sports people advocating plant-based diets as being better for us and the planet."



Vanessa Timmer **Executive Director, One Earth** 

"There is increasing interest in understanding and taking action on the 'demand side' of sustainability. Globally, actors across sectors are orienting attention toward the impact on our everyday lives. Those involved in climate change, circular economy, zero waste, and in advancing the sustainable development goals are turning their attention to overconsumption and the need to transform our ways of living."

What will be the most important battle within Sustainable Finance in 2019?

What is the most important/ground-

breaking thing that has happened for

Sustainable Finance in 2018?

"For 2019, I think the most important challenges are building a more coherent narrative on what sustainable lifestyles can be in a way that engages and inspires people. Then, beginning to mainstream and normalize some of these sustainable lifestyle ideas."

"In 2019, our major challenge is to really bring to life a compelling sustainable future to strive towards - an exciting vision of a radically different world that is attractive enough to challenge the mirage presented by consumerism."

"In 2019, we need clear communications and engagement on sustainable living – a beacon of transformative communications backed by footprint science, sustainable living strategies, case studies of One-Planet living and solutions, future visions, examples of systemic and rapid change, and strategic guidance to equip and connect an action-oriented movement."

"Humanity is facing unprecedented risks caused by climate change and environmental degradation. The unsustainable production and consumption patterns of modern societies, and especially the dependency on fossil fuels, is transgressing the planetary boundaries, causing climate change and damage to our eco-systems at an extraordinary scale and pace."

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CASE

# C40 THRIVING CITIES INITIATIVE LEADING THE WAY FOR SUSTAINABLE URBAN CONSUMPTION

Even though many C40 cities in the Global North have reduced greenhouse gas (GHG) emissions produced within their geographic boundary (from, e.g., power generation), emissions related to the consumption of imported goods (such as food, clothing, and electronics) have, on average, increased by close to 60 pct.

The C40 Thriving Cities Initiative tries to tackle this problem by launching a campaign with at least three C40 mayors to organize a local coalition of community stakeholders and to co-create and begin to implement a 'Thriving Cities Roadmap' of consumption-reducing actions. This will entail community engagement, planning, and action, which will, hopefully, lead to transformational change.

Organisation: C40 Cities

Project title: C40 Thriving Cities Initiative Phase 2:

Unlocking Sustainable Urban Consumption

Programme: Sustainable Behaviour

Grant: DKK 3,860,198

Year: 2019



CASE

## SUSTAINABLE STORIES FOR GENERATION NETFLIX

That success equals material wealth and the power to buy and own whatever one wants has been powerfully marketed by brands, advertisers, and institutions to young people their entire lives. This has put a strain on the planet's resources in such a way that the planetary boundaries are continuously exceeded. There is an urgent need to nurture a competing, more compelling narrative and to encourage the best creative talent to speak with a different voice.

Global Action Plan UK (GAP UK) is developing a film to reach younger generations in a way that current messaging fails to do, providing an emotive and socially-desirable reason to change how lives are lived. GAP UK will support the filmmakers of the future to develop a more diverse, empowering set of stories that connect with deeper values and activate young consumers to rise up and collectively demand a better future.

Organisation: Global Action Plan UK

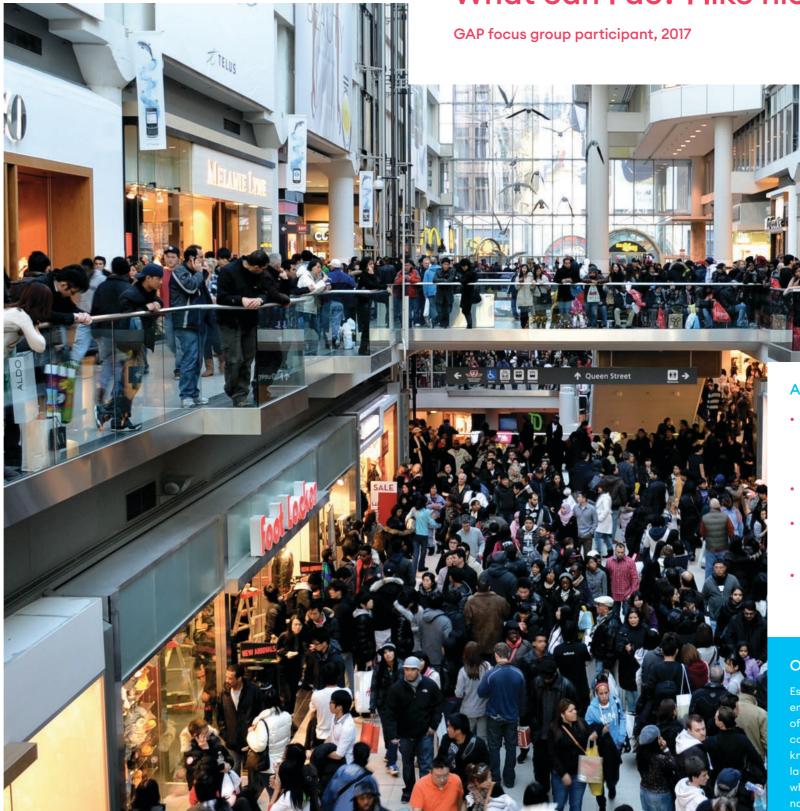
Project title: Boiling Frogs - Getting Generation Netflix to jump

out of the pan

Programme: Sustainable Behaviour

Grant: DKK 3,099,179
Year: 2019-2020

"When I see a picture of another rain forest being burned down or a child working in a sweat shop making clothes, I'm like, 'meh'. What can I do? I like nice things!"



### Aims of the project:

- Develop creative brief and process for film competition: consult with 10 international sustainable vision projects/ networks and survey the attitudes of 400 young people to these visions to inform brief.
- Engage 300 filmmakers in competition process at the UK's top 10 film schools.
- Develop 5 leading film concepts for a feature-length film to highlight the impact of hyper-consumption and to call for change.
- Develop interactive online channels, communications campaign, and resources to catalyse individual and collective action.

### Organisation:

Established in 1993, GAP UK is an environmental charity that empowers people to live happy, healthy lives within the means of the planet. GAP UK works with young people to reduce consumerism and increase well-being and to build their skills and knowledge to tackle environmental issues. GAP UK successfully launched Clean Air Day, the UK's largest air pollution campaign, which gathered more than 200 organisations to stand behind a national programme that subsequently reached 967 million people.

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CASE

## A RAPID TRANSITION TOWARDS A THRIVING PLANET

According to the IPCC's Special Report on Global Warming of 1.5°C, "rapid, far-reaching and unprecedented changes in all aspects of society" are needed over the next eleven years to prevent climate breakdown. However, rapid transitions are often thought to be too expensive or politically unrealistic. The Rapid Transition Alliance (RTA) challenges this view with evidence-based hope for a warming world. It aims to turn such beliefs upside down by demonstrating what is possible from past and present examples of change, ensuring that their lessons are learned.

RTA was launched in December 2018, and 40 organisations are now members of the Alliance, which brings together experts in finance, science, ecology, and poverty reduction from across the globe to learn from precedents of rapid change and put their lessons into practice.

Organisation: Institute of Development Studies, New Weather

Institute, University of Sussex

Project: Rapid Transition Alliance
Programme: Sustainable Behaviour

Grant: DKK 3,947,213 Year: 2018-2021



### Organisation:

The Rapid Transition Alliance is coordinated by a small group of people drawn from the New Weather Institute, the School of Global Studies at the University of Sussex, and the ESRC STEPS Centre at the Science Policy Research Unit (SPRU) and the Institute of Development Studies. The website www.rapidtransition.org hosts stories of change from the personal to the global level as well as RTA's first report, Climate & Rapid Behaviour Change – What Do We Know So Far?

### Aims of the project:

- Demonstrate that rapid changes towards a low-carbon future are possible, achievable, desirable, and fair.
- Develop a unique evidence base of lessons from past and present rapid transitions, including evidence that is relevant to policymakers.
- Work with a growing membership to put these lessons into practice in their own organisations, raising levels of ambition for rapid transition.

"We've shown in the past that surprising changes are possible in how people behave, in smoking, driving, antibiotics, and sexual health. We now know more than ever about how to create the conditions for this kind of change."

Andrew Simms, Co-founder, RTA

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CASE

# KICK-STARTING CONVERSATIONS ABOUT CLIMATE CHANGE AND CONSUMPTION IN AFRICA

While national contexts vary, young people in rapidly-growing cities across Africa are being targeted by multinational corporations in a similar fashion. The growing African markets are attractive, and consumers are ready and able to spend money. While the economies grow, the need to keep the conversation going about sustainable consumption grows with them in order to avoid a lock-in of unsustainable consumption patterns.

The Children's Radio Foundation is kick-starting transformational discussions around climate change and consumption across six African countries by enabling young people to produce and broadcast outreach programmes at 50 local radio stations. The Children's Radio Foundation is creating platforms to support the adoption of sustainable, low-impact ways of living among communities not traditionally involved in environmental protection. The project integrates social media campaigns, which extend the reach of radio.

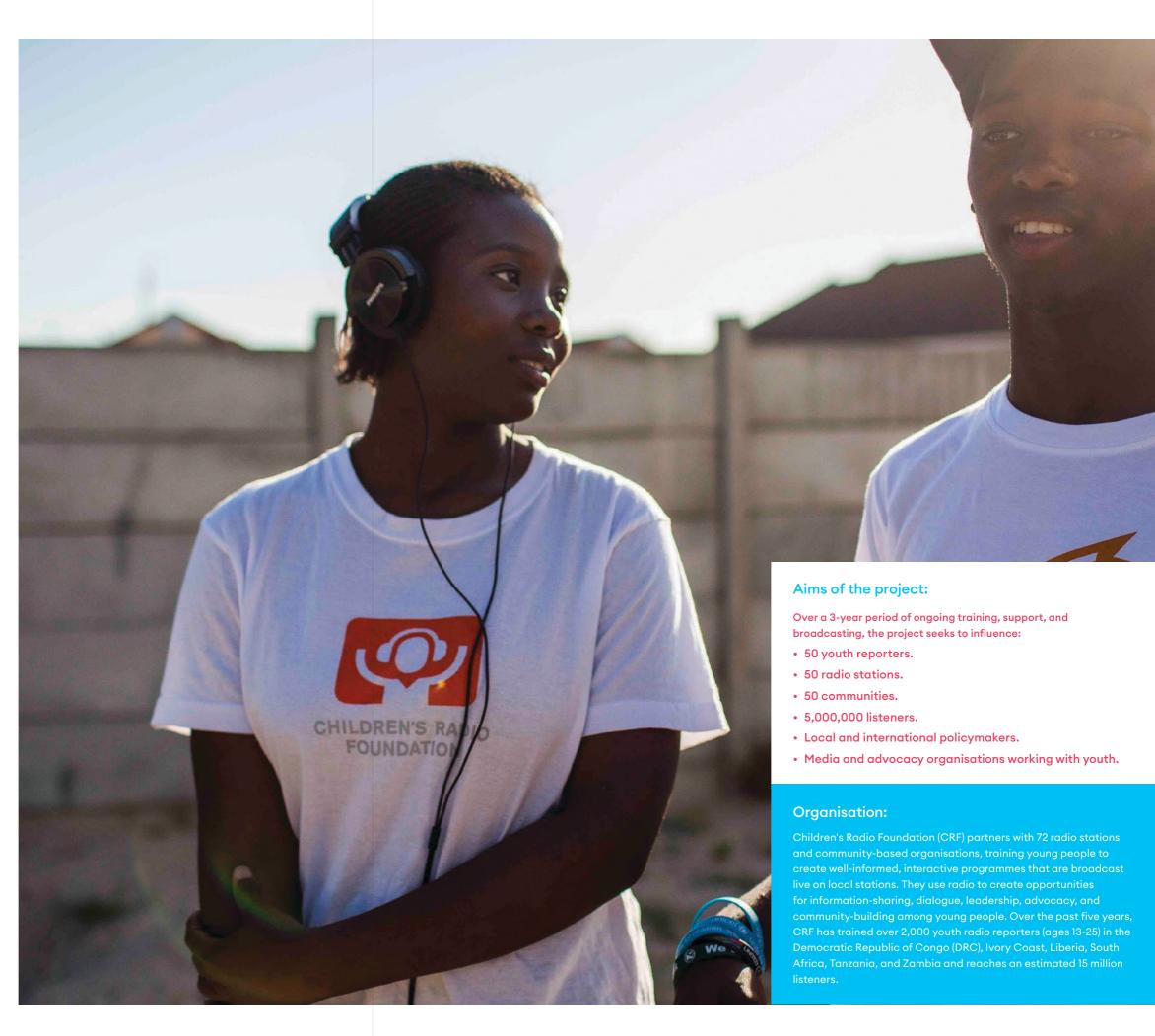
Organisation: Children's Radio Foundation

Project title: Youth Radio Dialogues on Climate Change and

Sustainable Livelihoods across Africa

Programme: Sustainable Behaviour

Grant: DKK 3,360,918 Year: 2018-2021



CASE

## INVESTORS WITH USD 32 TRILLION IN ASSETS ARE PUSHING BIG BUSINESS TO ACT ON CLIMATE CHANGE

100 companies around the world account for two-thirds of the annual global industrial emissions. To meet the goals of the Paris Agreement, these companies must dramatically transform their business strategies. While many are beginning to shift, most companies are not yet acting at the speed or scale necessary for a climate-safe future. Pressure from investors and peer companies is critical for pushing these high emitters to make the necessary changes.

Climate Action 100+ is an investor initiative aiming to encourage the world's largest corporate greenhouse gas emitters to take action on climate change. More than 300 investors with over USD 32tr in assets collectively under their management are engaging companies on topics such as improving their governance, curbing their emissions, and strengthening their climate-related financial disclosures. The targeted companies include 100 "systemically important emitters", accounting for two-thirds of annual global industrial emissions, along with more than 60 others with significant opportunities to drive the clean energy transition.

Organisation: Ceres, Inc.

Project title: Climate Action 100+: Investors Driving Corporate

Action

Programme: Sustainable Finance
Grant: DKK 2,500,000
Year: 2018-2020



### Organisation:

Climate Action 100+ is coordinated by five partner organisations: Asia Investor Group on Climate Change (AIGCC), Ceres, Investor Group on Climate Change (IGCC), Institutional Investors Group on Climate Change (IIGCC), and Principles for Responsible Investment (PRI). These organisations -- along with five investor representatives from AustralianSuper, California Public Employees' Retirement System (CalPERS), HSBC Global Asset Management, Ircantec, and Manulife Asset Management -- form the global steering committee for the initiative.

### Aims of the project:

To secure commitments from the companies' boards and senior management to reduce emissions consistent with the Paris Agreement's well below 2°C target across their value chain.

### Key achievements in 2018

- Committing more than 300 investors with over USD 32tr in assets to join the initiative.
- Committing Royal Dutch Shell to five-year targets leading to their 2050 target of reducing emissions by 50 pct.
- Committing A.P. Møller–Mærsk to a target of net-zero emissions by 2050 with commercially-viable carbonneutral vessels by 2030.
- Xcel Energy (one of the largest US energy utilities) agreeing to shift to 100 pct. renewables by 2050.
- Japanese Government Pension Fund GPIF (the largest asset owner in the world) deciding to put USD 10bn into low-carbon indices and joining the Climate Action 100+ initiative.

Maersk pledges to cut carbon emissions to zero by 2050

- Financial Times

Glencore, the King of Coal, Bows to Investor Pressure Over Climate

- Wall Street Journal

BP backs shareholder initiative on climate plan disclosure

- AP

Shell yields to investors by setting target on carbon footprint

- Financial Times

Xcel Energy Commits to 100% Carbon-Free Electricity by 2050

- Green Tech media

AEP's clean energy strategy will achieve significant future carbon dioxide reductions

- Ethical Markets

CASE

## SHIFTING THE NARRATIVE ON ENERGY TRANSITION IN JAPAN

Japan is the world's third-largest economy, and it plays a pivotal role in the global efforts to decarbonize the world's energy production. However, Japan is currently one of the world's largest financiers of overseas coal projects and is planning to expand its own coal industry. There is an urgent need for a strong and compelling narrative to encourage support and demand for the energy transition in Japan and to challenge opposing voices in the business community.

The Institute for Global Environmental Strategies (IGES) works directly with journalists, allied influencers, and financial trendsetters to create a lasting narrative about the need and benefits of a rapid energy transition in Japan.

The aim of the project is to build a choir of progressive business voices to advocate for an energy transition and to influence decision-makers to enable this transition.

Organisation: Institute for Global Environmental Strategies

Project title: Shifting the Business Narrative on the Need of

Energy Transition in Japan: Addressing the

Root Cause of Coal Finance

Programme: Sustainable Finance
Grant: DKK 1,257,263

Year: 2018-2020



### Key achievements in 2018:

- Japanese energy giant, Marubeni Corp, deciding to halve its ownership of coal-fired power plants by 2030 and to withdraw completely from the coal plant building business. Marubeni had plans to build coal power plants with a 13.6 gigawatt (GW) capacity, which is more than all of the UK's current coal capacity or the current coal capacity of France, Holland, Finland, Denmark, and Austria combined.
- Japan's largest bank, Mitsubishi UFJ Financial Group, announcing a review of its lending policies for coal-fired power generation and limiting support to "highefficiency" generation only.

The results were achieved by IGES in close collaboration with several KR Foundation grantees, including the Japan Center for a Sustainable Environment and Society (JACSES), Urgewald, and BankTrack.

### Organisation:

The Japan-based Institute for Global Environmental Strategies (IGES) conducts solution-oriented programmes that focus on the Asia-Pacific region. IGES develops innovative policy approaches and proposes environmental policies for sustainable development. As the only institute in Japan focusing on environmental policy research, IGES provides key insights and strategic suggestions to relevant stakeholders.

CASE

## ADVANCING CLIMATEFRIENDLY RETAIL INVESTMENTS IN THE EU

EU citizens invest about EUR 1tr in fossil fuels; yet, 70 pct. of retail investors declare sustainability to be important for investment decisions<sup>30</sup>. However, few climate-friendly retail investment options exist at the moment. The project aims to ensure that retail investors can invest in line with their beliefs. Mobilizing just 1 pct. of retail investors could potentially redirect EUR 5bn to cleaner energy.

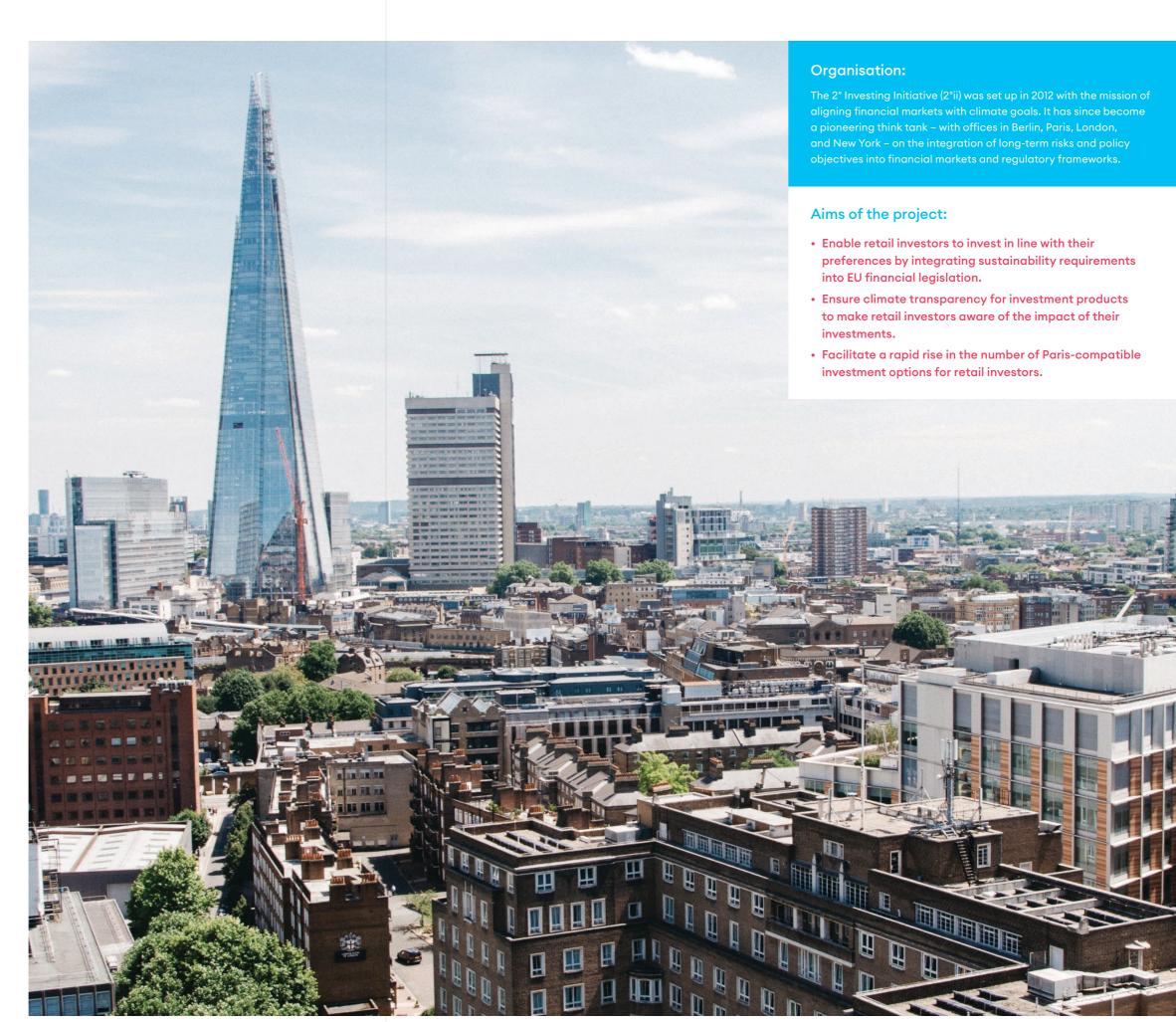
2°ii is partnering with the WWF European Policy Office (WWF EPO), a fellow member of the EU's High-Level Expert Group on Sustainable Finance, to run a targeted advocacy campaign to ensure that financial advisers are obliged to advise on sustainable investment products, that investors can effectively invest in fossil-free funds, and that investors are aware of the climate impact of their investments.

Organisation: 2° Investing Initiative

Project title: Empowering retail investors to divest from fossil

fuels

Programme: Sustainable Finance
Grant: DKK 3,350,000
Year: 2018-2020



CASE

## **CHANGING HOW** THE ECONOMY **WORKS THROUGH PARTNERS FOR A NEW ECONOMY**

In 2015, as a reaction to the unsustainability of traditional economics, KR Foundation, MAVA Foundation, Oak Foundation, and Marisla Foundation co-founded the international donor collaboration, Partners for a New Economy (P4NE).

On behalf of the founders, P4NE funds innovative projects and builds communities that bring new thinking and approaches to traditional economics. These "change catalysts" play a pivotal role in helping to re-purpose the economic system, and together they are helping to build a movement for an economic system that is fit for the challenges of the 21st Century.

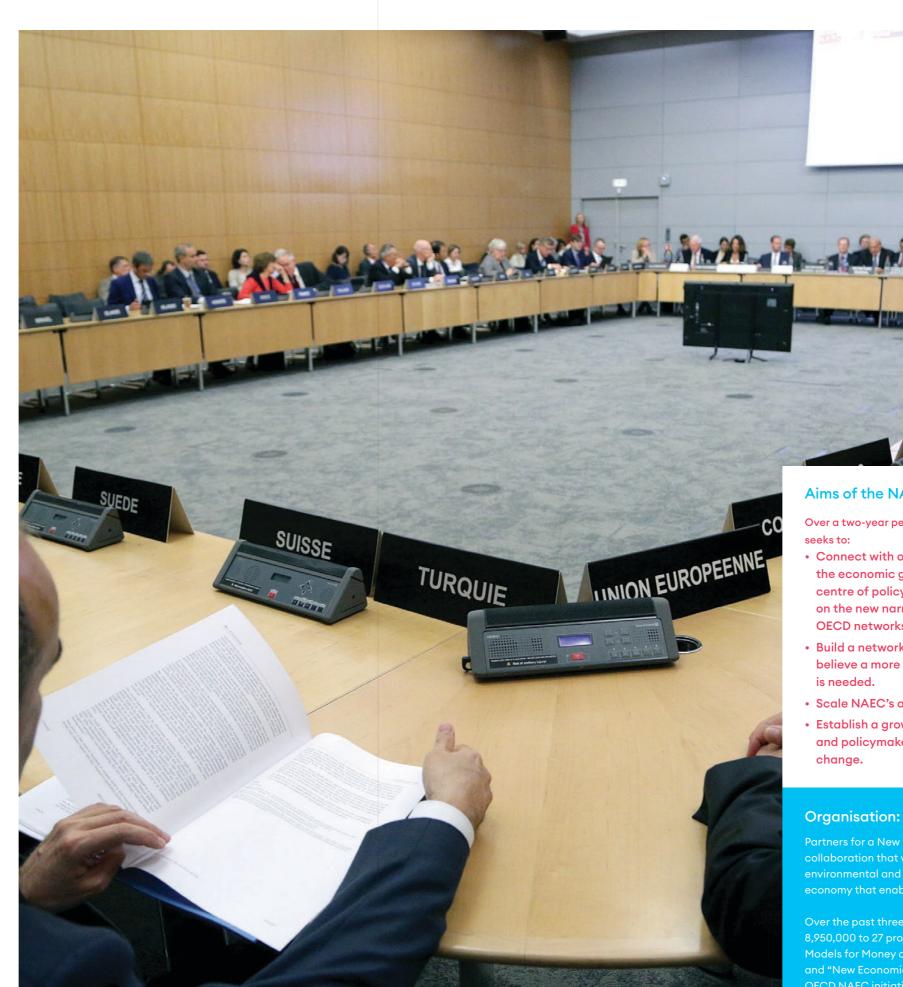
An example of such a "change catalyst" is the OECD's "New Approaches to Economic Challenges" initiative (NAEC), which P4NE has awarded EUR 245,000 for the years 2018-2020. NAEC is trying to convince policymakers that growth for its own sake is damaging the environment and people's lives and that we have the data, the methodologies, and the technologies to change the dominant economic narrative to a narrative that makes sense socially, environmentally, and economically.

In September 2018, NAEC and P4NE hosted the "10 Years After" conference, which brought together some of the leading actors in the 2008 financial crisis to debate its causes, its economic, social, and political impacts, and how the financial system has changed or should change. There was considerable interest in the conference, which was covered by Bloomberg, BBC, Euronews, and other media outlets around the world.

Organisation: Partners for a New Economy

Partners for a New Economy 2018-2019

Programme: Other Interventions Grant: DKK 2,800,000 2018-2019 Year:



### Aims of the NAEC project:

Over a two-year period spanning 2018-2020, the NAEC initiative

- · Connect with other international efforts to redefine the economic growth narrative - by putting people at the centre of policymaking - and to publish a seminal report on the new narrative that will be disseminated through OECD networks and structures.
- Build a network of economists and policymakers who believe a more radical reframing of the field of economics
- Scale NAEC's activities.
- · Establish a growing network of economists, institutions, and policymakers working on strategies to drive systems

Partners for a New Economy (P4NE) is an international donor collaboration that wants the economic system to generate positive environmental and social outcomes. The founders envisage an economy that enables communities, people, and nature to thrive.

Over the past three years, P4NE has granted a total of EUR 8,950,000 to 27 projects within three programme areas: "New Models for Money and Banking", "Enterprise for a Livable Planet", and "New Economic Thinking, Approaches and Narratives". The OECD NAEC initiative belongs to the last programme area.

CASE

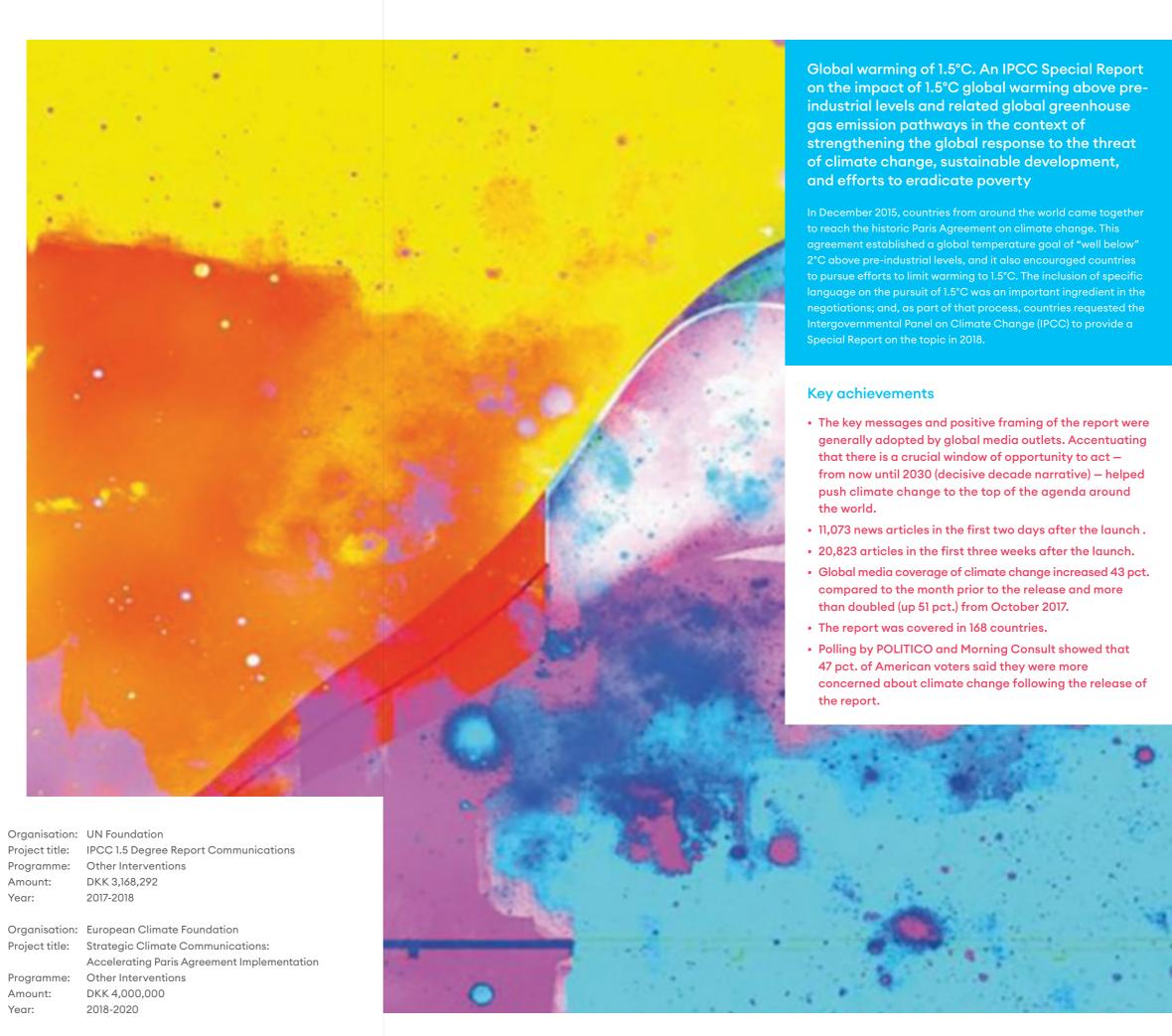
## "RAPID, FAR-REACHING AND UNPRECEDENTED CHANGES IN ALL ASPECTS OF SOCIETY"

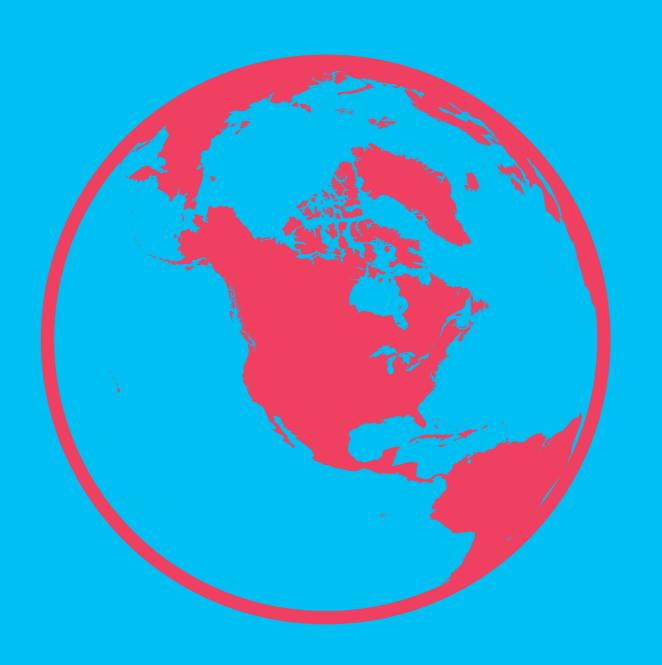
These words from the IPCC's Special Report on Global Warming of 1.5°C have been echoed over and over again in 2018. They have spurred debate, ignited movements, and provided the climate conversation with a new framework.

In 2015, when the Paris Agreement was signed, the UN Framework Convention on Climate Change (UNFCC) invited the Intergovernmental Panel on Climate Change (IPCC) to provide a special report on the 1.5 degree target.

Communicating a scientific report to a mainstream audience is a challenge in itself, and when it involves 133 contributing authors and reviewing editors from 40 countries, it is a massive undertaking, one that the fossil fuel industry and climate change sceptics would be ready to derail. The content of the report also brought some challenges to the champions of climate action; it was bound to generate debate and disagreement -- specifically, around the feasibility of the 1.5°C target and the viability of the technologies required to meet the target.

For all these reasons, a robust, multi-faceted communications and stakeholder effort was launched to assist the IPCC and other key partners with the communication of the report. This effort was supported by KR Foundation grantees the UN Foundation and the European Climate Foundation.







## 1.7 Earths

In 2018, humanity used the equivalent of 1.7 Earths to provide resources and absorb waste

## BRINGING INTERNATIONAL CLIMATE CHAMPIONS TO DENMARK

In 2018, KR Foundation arranged a series of events focusing on how to address the root causes of climate change that engaged with interested audiences in Denmark. Below are a few of the many events hosted by KR Foundation in 2018.







### New economic thinking at Folkemødet (The People's Political Festival)

At the Folkemøde in 2018, KR Foundation raised awareness of the need to change the way societies think about and practice economics by focusing on the theme "new economic thinking". Oxford economist and author of the acclaimed book, Doughnut Economics, Kate Raworth and students from the Rethinking Economics network participated in a range of talks and debates about the future of sustainable economics.

### Talk by Tim Jackson

On 25 September, KR Foundation board member Tim Jackson visited the University of Copenhagen's Grand Hall to present his vision for a new economic system that challenges the traditional ideas about economic growth, a new system that is sustainable for both people and planet.



### Talk by Kate Raworth

On 7 November, Kate Raworth visited Copenhagen to talk about doughnut economics. With a captivating stage presence and the usual stage props, she took the audience in the Great Hall at the University of Copenhagen by storm.







### Talk by Johan Rockström

On 6 December, the University of Copenhagen was once again filled with people from the Danish climate community. Representatives from the government, businesses, and NGOs lined up to hear KR Foundation board member Johan Rockström offer his take on the state of the planet and the measures required to stave off the worst consequences of climate change.



Transport & Environment

## REFERENCES

## LIST OF GRANTS

Grantee	Country	Project Title	Start date	End date	Amount granted in 2018, DKK
C40 Cities	US	Demonstrating the potential for sustainable urban consumption	01/06/2018	31/10/2018	310,017
C40 Cities  C40 Cities  Children's Radio Foundation  Climate Outreach	US	C40 Thriving Cities Initiative phase 2: Unlocking sustainable urban consumption	15/01/2019	13/12/2019	3,860,198
Children's Radio Foundation	ZA	Youth radio dialogues on climate change and sustainable livelihoods across Africa	01/06/2018	31/05/2021	3,360,918
Climate Outreach	UK	Global climate change narratives: Enabling a new conversation across the Arabic-speaking worlds.	01/10/2018	30/04/2020	2,066,456
Forum for the Future	UK	Catalysing and scaling sustainable behaviour change - Developing the hot or cool network	04/02/2019	04/02/2021	2,650,578
Global Action Plan UK	UK	Boiling Frogs - Getting Generation Netflix to jump out of the pan	01/02/2019	01/12/2020	3,099,179
GreenFaith	US	Living the change - 2019/2020	01/01/2019	31/12/2020	4,951,215
Institute of Development Studies	UK	The Rapid Transition Alliance	01/04/2018	31/03/2021	3,947,213
Institute of Development Studies	UK	Selling less: A rapid transition task force on making consumption pathways for 1.5 degrees politically imaginable and possible	07/01/2019	19/12/2019	537,031
One Earth	CA	Beacon for sustainable living	01/12/2018	30/11/2020	3,000,000
Sustainable Markets Foundation	US	Clinical interventions for transformative change: A capacity-building initiative	01/10/2018	01/10/2020	3,471,048
United Charitable, fiscal sponsor of DearTomorrow	of US	DearTomorrow	01/01/2019	15/04/2019	100,000
Wuppertal Institute for Climate, Environment, Energy	DE	The sustainable lifestyles accelerator – Catalyzing change (SLA)	01/04/2018	31/03/2021	4,949,861
2° Investing Initiative	FR	Empowering retail investors to divest from fossil fuels	01/06/2018	31/05/2020	3,350,000
BankTrack	NL	Fossil banks, no thanks! Ending bank finance for the fossil fuel industry	01/07/2018	30/06/2020	1,637,457
Carbon Tracker Initiative Limited	UK	Core funding support	01/04/2018	31/03/2020	2,000,000
Ceres, Inc.	US	Climate Action 100+: Investors driving corporate action	15/05/2018	14/05/2020	2,500,000
Chatham House	UK	Mainstreaming climate and environment in finance ministries - 2018	01/01/2019	31/12/2019	1,396,673
E3G Third Generation Environmen	talism UK	Reformers to transformers: Transforming international public banks to drive sustainable development and deliver the Paris Agreement	01/01/2019	31/12/2020	1,919,395
European Climate Foundation	NL	Aligning the WEO with an ambitious interpretation of the Paris goals	01/10/2018	31/03/2020	1,500,000
InfluenceMap	UK	Enabling asset owners to drive well below 2° portfolio alignment	01/06/2018	31/05/2020	2,006,480
Market Forces	AU	Asian finance campaign capacity	01/07/2018	30/06/2020	1,110,000
Oil Change International	US	The global oil supply initiative	01/07/2018	30/06/2021	5,197,234
Overseas Development Institute (	ODI) UK	International campaign - Eliminating subsidies to fossil fuel production: Analysis, advocacy, and outreach 2018-20	01/07/2018	30/06/2020	2,800,000
ShareAction	UK	ERIN: The European Responsible Investment Network – Arming, unifying, and amplifying civil society in Europe	01/06/2018	31/05/2020	1,435,499
Smith School of Enterprise and the Environment, University of Oxford		Mainstreaming high ambition best practice in sustainable finance and investment	02/06/2018	02/06/2021	2,000,025
WWF European Policy Office	BE	Moving Europe's utilities and finance actors beyond coal	01/09/2018	31/08/2020	1,860,000
Climate Action Network - Internat	tional DE	CAN international programs	01/01/2019	31/12/2020	1,000,000
Climate Action Network - Internat	tional DE	Strengthening civil society on the implications of geoengineering	01/03/2019	01/03/2021	1,300,000
Climate Action Network Europe	BE	Strengthening Europe's global climate leadership through adequate action at home	01/07/2018	30/06/2020	2,000,000
Climate Tracker	AU	Data-backed journalism program	01/05/2018	31/12/2019	1,413,514
European Climate Foundation	NL	GSCC - Strategic climate communications: Accelerating Paris Agreement implementation	01/06/2018	31/05/2020	4,000,000
European Climate Foundation	NL	New Economic Paradigm Platform	01/07/2018	31/12/2018	218,104
European Climate Foundation	NL	Shaping the debate on geoengineering through strategic communications support and intelligence	01/01/2019	31/12/2020	3,900,000
GreenFaith	US	Playing God? Multi-faith responses to the prospect of climate engineering	01/01/2019	31/12/2020	1,300,000
Institute for Inclusive and Sustaine Economies	able DE	Campaigning for policy making beyond growth	01/06/2018	01/06/2020	2,397,265
New Economy Organisers Networ	k UK	Framing the economy - Phase two	01/01/2018	31/12/2020	2,513,487
New Venture Fund	US	The emerging alignment of finance with spiritual and ethical considerations 2nd REIL roundtable on Laudato Si': Nature society markets October 9, 2018	30/04/2018	31/10/2018	151,250
Stockholm Environment Institute U	J.S. US	The fossil fuel production gap report	01/07/2018	31/12/2019	500,000
Swiss Philanthropy Foundation	CH	Partners for a new economy 2018-2019	01/06/2018	31/05/2019	2,800,000
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Transport & environment 2019-2020 core grant

01/01/2019

31/12/2020

2.000.000

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"Rapid, far-reaching and unprecedented changes in all aspects of society"

IPCC Special Report on Global Warming of 1.5°C