

The Climate Crisis Blueprint

Collaboration and Solving the Climate Crisis

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INTRODUCTION

The School Strike for Climate and the Extinction Rebellion protests have been a success with increasing awareness about Climate Change and galvanising support.

But awareness is just a first step.

We also need personal action and we need systemic change.

Awareness without plans, actions, solutions and implementation will not reverse the trend of global warming, nor avoid the risk of hitting runaway Climate Tipping Points that take us to the brink of another mass extinction.

Strikes are good, Actions are better, Solutions are best.

We believe it's time to take the next step with action and solutions as demanded by both Greta Thunberg and Extinction Rebellion.

Greta: "I want a concrete plan, not just nice words"

Extinction Rebellion:

1. **Government must tell the truth** by declaring a climate and ecological emergency
2. **Government must act now to halt biodiversity loss and reduce greenhouse gas emissions to net zero by 2025.**
3. **Government must create and be led by the decisions of a Citizens' Assembly** on climate and ecological justice.

But realistically, are Governments acting quickly enough to lead and create the solutions to meet the Paris Agreement Outcomes and stay under 1.5C?....We all know the answer to that, don't we?

It's time for us as the people and organizations that care about the future to drive the process by forming our own Citizen Assemblies and coming up with the solutions and policies that we can then present to Governments and other organizations to support. **So how do we best tackle such a massive and complex issue as Climate Change?**

IS IT SOLVABLE AT A MANAGEABLE COST?

Various politicians have put together various plans including Green New Deals that offer parts of the solutions.

Businesses are innovating and putting together parts of the plan and achieving some great results in some locations.

Citizen Activists are putting together parts of the plan.

But will it come together quickly enough. There is still massive resistance and either denial of Climate Change itself or denial that we can solve it.

So why is this Blueprint any different?

Why can it shift things when other avenues look like they are moving too slowly?

We are confident we have developed a Blueprint process – a process that will no doubt be refined when ‘the wisdom of the crowd’ is applied.

It’s not that solutions don’t exist.

It’s just that we have FOUR big problems we need to solve.

1. **Paradigms** – we need to enable enough people to see how big a problem there is and how much better they will be because it’s fixed and how it can be fixed.
2. **Fragmentation** – we need to bring together the people working on solutions and get more collaboration
3. **Finance** – we need to facilitate investors directing their funding to the solutions because it’s the smartest use of their proceeds
4. **Policy / Politics** – we need to develop the policies that will work and force the hand of our leaders to make the changes

Sounds insurmountable....???

We are convinced it’s NOT.

If we can solve the first three and win the support of the masses then the implementation of good policies and politics follows.

WHAT IS THE SOLUTION?

Greta and George Monbiot's "Protect, Restore and Fund" is part of it.

Project Drawdown with its 100 solutions is part of it.

The Countdown initiative by TED the ideas network to run a series of Citizens Action Summits targeting solutions based around the areas of Power, Transport, Built Environment, Food and Re-greening is part of it.

Decarbonising and electrifying our energy and logistics systems is part of it.

Stanford University's – "Design Thinking" innovation process is part of it.

Mimicking Nature's ecosystem processes is part of it.

The Solution is Collaboration

Let's use the power of citizens and business and Regenerative Capitalism and Collaborative Democracy to:

- Create a movement of Citizen Working Groups focused on Actions and Solutions
- Establish frameworks and processes that can effectively organise and coordinate an army of volunteers and experts
- Recruit, Empower, Inspire and Enable the citizens and businesses with a united purpose of solving perhaps the greatest crisis the world has ever faced by leveraging their skills and passions.
- Facilitate self-managing teams to tackle specific aspects of this 'wicked problem' both locally and globally
- Equip these teams and individuals with the collaboration, and innovation tools and skills to develop cost-effective solutions and policies
- Provide the transparency and reporting systems to amplify the impact by attracting the human and financial resources to implement the solutions

'Never doubt that a small group of thoughtful committed citizens can change the world. Indeed it is the only thing that ever has.' - Margaret Mead

The good news is we don't need many and the tasks to be done are easy and not very time consuming if the load is shared.

The key objectives of the Blueprint to impact Climate Change:

1. Provide a starting point and conceptual framework to attract the 'small group of thoughtful committed citizens' to work on a structured 'bottom up' approach to solving the biggest issues that mankind has faced – the Climate and Ecological Crises
2. Empower these people and organizations to form a 'Climate Solutions Alliance' by declaring their own personal Climate Emergency and pledging action to get involved with facilitating solutions, not just awareness.
3. Provide a vision of a network of great ideas, cost effective solutions and the key stakeholders that can help fast track and scale implementations of solutions and enable people to see how by leveraging their interests and skillsets they can make a difference.
4. Provide a vision as to how this structured network, and its systems, methodologies and volunteers can function effectively to achieve meaningful impact
5. Highlight the 'Climate Communications Crisis' and provide a roadmap to solving it, so that 'the truth' is obvious:
 - a. the Science is clear
 - b. the misinformation is effectively exposed and debunked
 - c. the concept of unacceptable risks is understood i.e. The risk of unknown 'feedback loops' that could trigger tipping points and dramatic levels of global warming that create runaway Climate Change
6. Highlight how the market forces of Regenerative Capitalism and Collaborative Democracy can innovate and scale up cost-effective solutions that create jobs and power ongoing societal prosperity and in the process defeat corruption, vested interests and divisive politics.

Climate Solutions Alliance Vision

This blueprint is a 'rough lump of clay' that through shaping by 'people power' can become a roadmap to creating a 'Climate Solutions Alliance' movement and building a decentralised and self-managed network of communities where people and organizations collaborate to:

- Research opportunities and the existing key stakeholders already actively working on that opportunity
- Attract financial and other resources to implement and scale solutions that reverse global warming
- Develop policies and lobby governments to support and implement them

These solutions are built around:

- Decarbonising (moving away from fossil fuel energy) and electrifying energy, transport, cities and industries
- Protecting nature that draws down carbon dioxide
- Regenerating soils and oceans to increase carbon drawdown
- Facilitating the transition of finance, industry and jobs to a sustainable future using the power of capitalism and democracy

The Alliance catalyses collaboration so that great projects, ideas and organizations get the support they need to grow.

On October 10th 2020, TED, the ideas network and an alliance of other organizations will be running a series of Action Summits around the world to take the work done by the Alliance and other Climate Solutionists to support and fund the ideas, projects and organizations to turn the tide on Climate Change.

These Summits focus on locally and globally implementing solutions for: Power, Transport, Built Environment, Food and Re-greening

In so doing we start shifting the PARADIGMS and FRAGMENTATION to attract the support and FINANCE to implement effective Climate transition POLICIES/POLITICS.

The initial focus is tackling PARADIGMS and FRAGMENTATION

At present there are four categories of people, each with different paradigms that stop them from seeing an overall solution.

1. **Alarmed** – those who understand the emergency but can't see solutions or see that they can have meaningful impact
2. **Disengaged** – those who are not yet sufficiently engaged to understand the severity or are sufficiently scared and find it safer to disengage
3. **Ideologists** – those who either don't accept the science and are not concerned about the Climate and other crises, or are against action because they see it as an attack on their way of life and don't believe the vision is achievable. However, they can become supporters of the Transition when the solutions are developed and prototyped and they can see that the outcomes are totally aligned to their values and will deliver a world that is better for them.
4. **Vested** – those who are driven by unmovable ideology and entitled individualism who would rather drive the planet to collapse and cull the population knowing that they are so wealthy or powerful they are likely to survive and build their own gated utopia.

This Blueprint accepts that there are people with extreme wealth or power who will fight solving the Climate Crisis and other Crises such as Ecological, Water, Food, Financial, Political and Societal.

The good news is that in this well-connected world of the Internet and Smart Phones, that the masses can win. But first we need a shift to solve the problems that enough people are sufficiently concerned and can see that action can solve the problems we face.

The very good news is we only need a relatively small number of 'Alarmed' who shift their paradigm to start the process and make enough progress to make it clear that the Blueprint (or a modified version created with the 'wisdom of the crowd') will work.

FRAGMENTATION

Following the Blueprint process enables the Alarmed to solve the Fragmentation problems and bring together in one place the solutions, projects and people.

It also leverages volunteer power to solve the 'Climate Communications Crisis' so it's easier to onboard the Disengaged.

FINANCE

When it is clear what the benefits are and that the finance will flow to implement solutions it will be easier for Ideologists to come on board rather than choose the path of the Vested.

POLICY /POLITICS

With Solutions being funded it then becomes easier for everyone to support the new Policies and for the change through our existing Political systems, regardless of the power of the Vested.

OVERVIEW OF THE 14 STEP-BY-STEP BLUEPRINT

1. **Recruit Climate ‘Actionists’** **#MyClimateEmergency and #OurClimateEmergency**

Empower Climate Change supporters to declare a personal Climate Emergency on Social Media and pledge to become a **‘Climate Actionist’** to take solutions-based climate action.

2. **Spread the Word**

Encourage Actionists (especially youth) to spread to family and friends to drive declarations, pledges and actions

3. **Recruit Climate ‘Solutionists’**

Encourage people to volunteer to help build a community of Climate Solution by joining the relevant LinkedIn and Facebook Climate Solution Groups. (eg Regenerative Agriculture 4 Climate, Microgrids 4 Climate)

The volunteer work is to identify existing companies and projects in each group and post to LinkedIn. Facebook is a social group to share general info and chat

More than 250 solutions have been identified including the 100 solutions identified by Project Drawdown.

In addition to the global solution groups, four (4) other categories of groups will be created to bring volunteers together:

- a. Local (eg Melbourne 4 Climate)
- b. Local Solutions (eg Melbourne Solar 4 Climate)
- c. Skills (eg Videographers 4 climate, Journalists 4 Climate)
- d. Tribes (eg Rotarians 4 Climate, Republicans 4 Climate)

4. **Research to find companies, projects and ideas that are working on Climate Solutions relevant to a particular group and post a summary and link. Then invite the people associated**

with that project to join. Key information for each solution will be updated in a master Google spreadsheet

Guidelines and codes of conduct will be established so that each group self-organises in a non-hierarchical way.

LinkedIn is for the solutions content

Facebook is a social group to share general info and chat

5. **Encourage engagement** (likes and comment) **around each solution** (post) on LinkedIn and build the community and self-organise into working parties

6. **Visually Map the Climate Solution Ecosystems**

Once data gathering is largely complete, the Google spreadsheet for each Solution will be visually mapped so at a glance its clear what each solution ecosystem looks like.

7. **Run Workshops or 'Climate Action Summit' Events** (locally and via web-conferencing) using 'Ecosystem Design Thinking' Processes leading up to the October 10th TED Countdown Climate Action Summits

8. **Solve the Climate Communications Crisis**

One of the key projects is to develop a knowledge base to debunk misinformation and lay out the science in a way that is understandable and is clearly endorsed by the scientific community as best available science. At present this Climate Communications Crisis and the misinformation campaigns are significant roadblocks to onboarding people who actually want the same outcomes as those wanting to drive a just transition to the post fossil fuel era.

9. **Develop 2020 Visions of the year 2050**

One of the issues preventing politicians and others to take leadership is that there isn't a clear vision of where we are heading. If you don't know where you are heading it makes it harder to develop the roadmaps to get there.

If you see something with clarity we refer to it as seeing with 20/20 Vision. 2020 is the year to encourage people to write 2020 Visions for the year 2050 outlining the future they wish we can create for their community or interest area.

It will then be easier for organizations to develop and publish 'Climate Transition Plans' to set a roadmap for their business for the transition if they can see where things are likely to head. This helps them supplement their Climate Financial Risk Disclosures to investors

10. **Set up a Climate Solutions Collaboration Platform** (Atlassian's Confluence??) and populate with LinkedIn Group Research

Once the base data is gathered, deeper collaboration around solutions and ideas is likely to need a Collaboration Platform. It is planned at this stage to use Atlassian's Confluence software as an early stage platform.

11. **Run the October COUNTDOWN Action Summits and fund prototype programs** around Power, Transport, Built Environment, Food and Regreening

It's not clear yet how the 4 day event in Bergen Norway and the main event on October 10th will be run in cities around the world, but clearly this event provides the focus and the opportunity to solve the Paradigm and Fragmentation issues and should go a long way to solving Finance as well.

12. Fund and implement prototypes identified at COUNTDOWN summits (eg RegenVic)

It is anticipated that in facilitating systemic change, that there will be prototype projects looking for a substantial transformation across all five focus areas of Power, Transport, Built Environment, Food and Regreening.

There will also be fully tested solutions that are ready for widespread scaling. COUNTDOWN becomes an opportunity for the financial sector, fund managers and other investors including holders of pension funds to direct investment to the most promising and financially attractive solutions.

RegenVic is an example of one such model where an integrated vision has been created of a totally transformed Net Zero Society in Victoria, Australia

13. Measure and provide visibility of progress and celebrate victories

A key success factor will be the measurement and monitoring of the impact of solutions and the scaling into different locations.

14. Develop Policies, new systems of Policy formation and Democracy and drive support and adoption

As the various solutions advance, it will be easier to manage local political situations and use democratic forces to dismantle the power structures that obfuscate quick climate action.

This is a draft blueprint that has been developed on the Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International (CC BY-NC-SA 4.0) and as more and smarter people than the author, take these ideas and refine and develop them into an even more powerful blueprint.

AGRICULTURE

Regenerative Agriculture, Organic Agriculture, Biodynamic Agriculture ,Agriculture Restoration, Drought Management, Drip Irrigation, Water Management, Pasture Cropping, Natural Sequence Farming, Carbon Farming, Algal Bioreactors, Hemp, Bamboo, Cotton, Soil Health, Nitrogen Management, Microbial Fertilizers, Permaculture, Composting, Multistrata Agroforestry, Silvopasturing, Pollination, Small Holder Farming, Big Ag

BUILDINGS

Building Standards, LED Lighting, Heat Pumps, District Heating/Cooling, Living Buildings, Green Roofs, 3D Printing, Construction Materials, Wood, Hemp, Kenaf, Smart Buildings, Smart Glass, Insulation

CITIES

Urban Cooling, Urban Design, Urban Greening, Smart Cities, Urban Climate Adaptation, Walkable Cities, Bikeable Cities, Ecovillages, Deurbanization

CLIMATE SCIENCE

Feedback Loop Risk, Permafrost, Blue Ocean Events, Albedo Effect, Thermohaline, Warming Oceans, Acidifying Oceans, Extreme weather, Wildfires, Drought, Sea Levels, Typhoons, Adaptation scenarios

COMMUNICATIONS

Climate Science, Hope Narratives, Vision2020, 2040 Movie, Climate Humour, Climate Denial, Climate Sabotage, Fake News, Murdoch Press, Agenda 21, Neoliberalism, Post Neoliberalism, Growth Paradigms

EDUCATION

Climate Education, Educating Women, Fake News Education, Family Planning

EMISSION FINANCE

Carbon Tax, Cap-Trade, Fee-Dividend, Carbon Offsets

ENERGY

Electrification, Energy Conservation, Smart Grids, Smart Charging, Micro Grids ,Off Grid, Grid Transmission, Solar Technology, Solar Farms, Solar Ocean Farms, Solar Rooftop, Solar Water, Solar Molten Salt, Solar - Agrivoltaics, Wind Offshore, Wind Onshore, Wind Micro, Geothermal, Tidal, Wave, Ocean Thermal, Fission- Water, Fission Thorium- Molten Salt, Fusion, Hydrogen , Fuel Cells, Hydroelectric, Hydro Pumped Storage, Molten Salt Storage, Battery Technology, Solid State Batteries, Battery Farms, Biodiesel, Biogas, Cogeneration, Landfill Methane Recovery, Coal, Oil, Gas, Fracking

FINANCE

Finance, Microfinance, Climate Bonds, Investment, Pension Funds, Divestment, Engagement, Insurance, Risk Management, Philanthropy, Governance, TCFD Reporting, Transition Finance

FOOD

Plant based diet, Supply Chain Provenance, Food Waste Minimisation, Food Waste Recovery, Food Waste Treatment, Food Miles, Clean Cookstoves, Rice, Wheat, Corn, Soy, Feedlot Beef, Pasture Fed Beef, Managed Grazing, Dairy, Ruminant Methane, Perennials

FRESH WATER

Water distribution, Wastewater management

GEOENGINEERING (not endorsing)

Carbon Capture Sequestration, Arctic Silica, Direct Air Capture, Olivine Weathering, Solar Radiation Management, Dumping, Genetic Engineer Reflective Crops. Arctic Ice Water Management

ICT

Data, Emission Measurement, Sequestration Measurement, Climate Software, Citizen Apps, Telepresence, Communications, Internet of Things, Satellites, Drone Data, AI-Machine Learning, Platforms, Social Media, Blockchain and distributed databases, Augmented - Virtual Reality

INDUSTRY

Construction, Low C Cement, Coke Steel, Low C Steel, Refrigerant Management, Plastics, Bioplastics, Glass, Graphene, Machinery Efficiencies, Supply Chain Management, Biotechnology

JOBS

Just Transition, Job Creation

LAND

Soil Health, Desertification, Tree Planting, Afforestation, Reforestation, Deforestation, Indigenous Land Management, Peatlands, Temperate Forests, Tropical Forests, Mangroves, Coastal Wetlands, Wildfire Management, Biochar, Humates

LEGAL

Litigation, Legislation

LIFESTYLE

Circular Economy, Recycling Paper, Recycling Plastics, Recycling Glass, Recycling Metals, Recycling Fashion, Degrowth, Adaptation

MANAGEMENT

Strategy Citizen Action Plans, Organization Action Plans, 2020 Visions, Transition Planning, Climate Adaptation, Governance, Visual Management - Dashboards, Carbon Footprint Tools, Scope 3 Emission Reporting, Collaboration, Innovation, Knowledgebase

ONE WORLD

Microphilanthropy, Microfinance, Economic Development Aid, Carbon Debt Forgiveness, IP Transfer, Population Management, Climate Migration, Climate Conflict, Climate Justice

POLITICS

Political Activism, Organizational Activism, Policies, Lobbying, Boycotts, Fossil Fuel Subsidies, Climate Solution Subsidies, Elections, Regulations, Citizens Assemblies, Transition Planning

SEA

Marine Permaculture, Ocean Sequestration, Blue Economy, Fisheries

STAKEHOLDERS

Citizens, Investors, Government, Business, Non-Profits, Other Organizations

TRANSPORT

Electric Vehicles, Autonomous Vehicles, EV Batteries, EV Charging, Hybrid Vehicles, Hydrogen Vehicles, Electric Bikes, Ridesharing, Public Mass Transit, Smart Logistics, Rail, High Speed Rail, Hyperloop, Aviation, Shipping, Drones, Trucks, Smart Roads, Recycled Roads, Low Miles Supply Chain