



The Fyera Foundation Contribution to Net Zero

A highly underestimated and overlooked contributor to carbon emissions, pollution, and human degradation of the natural world is human consciousness. Before our vehicles, smoke stacks, and industries pollute the air and our mining strips Mother Earth bare of her resources, our consciousness pollutes with its judgments, self interest, incoherent fear for our own personal gain and survival at the expense of larger life. This has led us to greed and lack of awareness and true caring for self and wholeness. In other words, human consciousness is, from The Fyera Foundation's point of view, the primary driver of our degradation of the natural world, and as such the place where the greatest leverage for positive change can be harnessed. It is here that we focus our foundational efforts to move toward net zero emissions of blame, victimization, judgment, and greed which we know will lead to net zero carbon emissions.

The Fyera Foundation and HeartAmbassadors were established in 2002 to bring the science of heart intelligence to the manifestation of the 17 Sustainable Development Goals in the 2030 United Nations Agenda. Together we connect individuals and large populations to the power and intelligence of compassion and love, proven by science to improve health, productivity, and effective solution-seeking. We apply this heart intelligence to the world's biggest problems.

One of the largest problems faced by the world's human populations today is climate crises caused in part by carbon emissions due to our burning of fossil fuels, agriculture, industry, waste products, deforestation, and chemical reactions that occur in things such as cement production. High amounts of atmospheric CO₂ collect and store heat thus disrupting weather patterns, causing global temperatures to increase, and other climate changes detrimental to health and sustenance of life in earth's biosphere.

In her groundbreaking book *The Business Plan for Peace*, Dr Scilla Elworthy, three times Nobel Peace Prize nominee and a partner of The Fyera Foundation, has proposed that we could within our lifetime reverse the impact of climate change with a small percentage of funds currently invested in security and defense divested towards clean energy and soil restoration. In other words, what gets in the way of humanity solving our carbon emissions and working towards a net zero carbon emission society not a lack of financial or physical resources, or scientific know-how to make it happen, but human decisions about the distribution of resources made from prioritizing defense budgets over compassion and care to nurture a planetary environment where all life can thrive.

The perception of national and international insecurity and the threat that drives defensive decision-making and monetizing military might, above all else, comes from a basic physiological survival imperative of the flight, fight, freeze, appease nervous system or "survival mode." This mode also drives corporate greed in which short term financial profits are used as justifications for disregarding long term environmental impact. For humanity to survive in the modern era we must rise above this protection of a delusional "separate sense of self," as Einstein called it, and transcend our individual

and national preoccupation with personal survival, to a focus on collective thriving. The HeartMath Institute, another partner of The Fyera Foundation, has demonstrated that simple self-regulation skills can assist us in making a shift from "survival" physiology and stress to "thriving" physiology and optimal performance by changing our heart rhythms from chaotic to coherent patterns in a literal heartbeat.

This change of heart can activate sufficient human compassion, care, and innovative intelligence and solution seeking to alter both the collective and the political will of our time, moving beliefs, actions, and even policies in such a way that ensures our movement as a species towards more sustainable practices for all life with whom we share our planet, including net zero carbon emissions.

We teach evidenced-based skills from The HeartMath Institute to help people:

- 1) Reduce stress and increase resilience and energy, which then
- 2) frees their intelligence and life force, opening their human heart for service and philanthropy beyond their own self-interest and personal gain.

We then educate people to appreciate all life and give them pathways to invest their time, money, and expertise in ensuring a net zero future.

From that foundation, we work with and have even inspired partners to launch some of the following initiatives in service to SDGs 7, 9, 11, 12 and 13 all focused towards net zero :

1. BEYOND FIRE INSTITUTE: Assisting the founders in the creation of "The Beyond Fire Institute" which researched clean energy sources and efficient energy usage including solar power, LED lighting design, cold fusion, and more.
2. Training for University of California at Davis Lighting Design in human energy efficiency and intelligence leading to more efficient commercial lighting design towards a net zero future
3. Partnership with "Kiss The Ground" through public education, movie screenings, and actionable task lists for community members to restore soil for carbon sequestration as even more important that offsetting one's carbon footprint through carbon credits
4. Partnership with SubPod in Australia to promote household composting practices for reductions in greenhouse gas emissions from landfill waste and promote soil restoration and carbon sequestration
5. Promoting use of and offsetting our own carbon footprint with resources such as:
<https://www.carbonfootprint.com/measure.html>
Add net zero tree purchases - when find
6. Training on human energy efficiency as a pathway to SDG 7, 9, 11, 12 and 13 at the 2019 United Nations High Level Political Forum with dialogues specifically with representatives from The United Nations Environment Program (UNEP)
7. Sending delegates annually to the United Nations Harmony With Nature Conference on Earth Day and distributing best practices to our community to drive families and companies that work with us towards net zero emissions
8. Our Ripple Effect Clean Water project submission to the United Nations, with our case study projects in Africa, where by drilling boreholes we are supporting girl's education, a rebirth of agriculture which brings self sustainability to the local community along with meaningful work and food security, all while regenerating the soil through biodynamic agricultural practices that turn desertification into soil restoration for successful carbon sequestration.
9. Training for the San Mateo County Economic Development Association to assist large organizations in the region including but not limited to Stanford, Meta (previously Facebook), Google, Kaiser, Dignity Common Spirit Health, Mayor's offices and state and city elected officials to use applied heart intelligence to work towards and develop elaborate strategies and plans to create a net zero future.

More examples are available upon request.