

# Climate Reality and Environmental activism & Engineering

## Bios and Headshots

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## Description of Theme and Research Question

Research Question: **What is our place, and what actions should we conduct, as engineers in environmental activism?**

The Climate Reality Project is an initiative founded by Al Gore in 2006 with the purpose of turning awareness into action for climate change. It is led by a diverse group of people around the world who work towards expanding environmental sustainability. Over the years there has been much discussion around climate change; its causes have been exhaustively studied, and the consequences comprehensively modeled. Now, we must take what we have learned through science and put it into action, using our capabilities and skills as engineers to build a more sustainable future.

Presently, it may seem difficult to act to inspire sustainable solutions in our communities, given the current situation of the world. But, as engineers we are fundamentally problem solvers. This crisis, which is inevitably forcing change in our way of life, presents itself as a chance to reevaluate our practice. Under these circumstances, we must turn our attention to the essence of engineering: providing the most comprehensive solution to a human problem.

Climate change is an issue that affects all human communities, and it requires comprehensive and innovative actions from us. In the same way as we have approached the challenge of carrying out our day to day lives digitally, we must take on the challenge of continuing to advance the sustainability agenda. The WEEF-GEDC is the ideal scenario to spread awareness among a dynamic audience. By outlining the current environmental needs, we wish to inspire a multicultural group of leaders to take action locally and globally through social media.

## Description of Activity

Short workshop of basic climate change concepts. Followed by a guided discussion among participants with 10 proposed questions. In the end we will launch a social media campaign to viralize Climate Actions for society.

We will measure the carbon footprint of each participant for attending the virtual conference and compare it to what would have been their carbon footprint if the conference had been done in Cape Town, South Africa.

## Timeslots

TBD