

# **EMERGENCY MOBILIZATION**



# THERE IS NO DEBATE.

**98% of scientists are in agreement that climate change is real, poses a significant threat, & is caused by humans.**

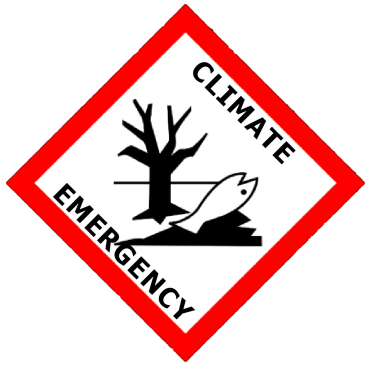
- **Additionally, scientific predictions have underestimated the effects of climate change, meaning the future could be even worse off than expected.**
- **Nearly every country has recognized that climate change is a serious issue, and signed onto the Paris Agreements in order to combat climate change. However, the real response will not keep us under the 1.5° C goal, which threatens the livelihoods of millions of people and of the Earth itself.**
- **Governments and representatives have taken a gradualist approach towards the issue, an improper response to an emergency situation.**

**"NO CHALLENGE POSES A GREATER THREAT TO FUTURE GENERATIONS THAN CLIMATE CHANGE." - BARACK OBAMA**

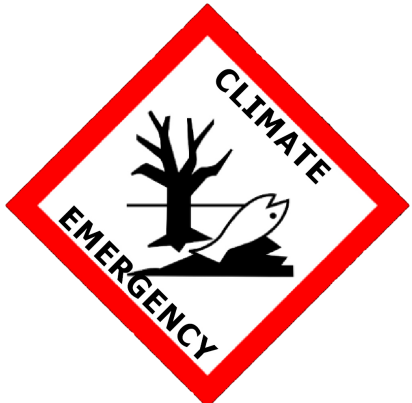


## **Things You've Probably Heard About Climate Change:**

- 2014, 2015 and 2016 have been the hottest years on record <sup>1</sup>
- Ice sheets are melting & have been drastically changed forever <sup>2</sup>
- Thousands of species are facing extinction, such as coral reefs <sup>3</sup>
- The fire season in California has increased by more than 2 months since 1970; making it now 7 months long.<sup>4</sup>



# THINGS YOU MIGHT NOT HAVE HEARD:



- Scientists have known of these dangers since the 1800s. <sup>5</sup>
- Global flooding is predicted to triple by 2030, increasing annual economic flooding costs from \$83 billion to \$438 billion. <sup>6</sup>
- 250 million people are predicted to be displaced by 2050 due to increased natural disasters and food and water shortages caused by climate change. <sup>7</sup>
- Global conflicts and wars are likely to increase as a result of the declining amount of land, water and food. <sup>8</sup>

# THREAT OF TIPPING POINTS AND CLIMATE CHANGE ACCELERATION

Tipping points, the threshold at which the amount of greenhouse gases emitted triggers a feedback loop that in turn releases even more greenhouse gas. There is evidence that these tipping points have already been met.

- **Melting of Arctic ice-** As the Arctic warms, sea ice melts and the dark water is exposed and absorbs more sunlight, which causes more warming. If climate change continues at this rate, the Arctic region could be ice free in the next few decades.<sup>9</sup>
- **Amazon forest dieback-** Deforestation, higher temperatures, and low rainfall are threatening the Amazon rainforest. The Amazon could become grassland and might not be able to restore itself to its previous state. <sup>9</sup>
- **Loss of Arctic permafrost-** Permafrost is a frozen layer of soil that contains carbon. As temperatures increase, the permafrost melts and releases the carbon in the form of carbon dioxide or methane, which warm up the Earth even more. <sup>10</sup>

# HUMAN HEALTH



- Along with the detrimental effects climate change has on the environment, it also has significant effects on human health.
- According to a recent study, climate change kills 1,000 children every day and 400,000 people a year. <sup>11</sup>
- These figures will only increase due to temperatures rising, drought, and lack of food.
- Some regions, like the Middle East and North Africa, will soon become uninhabitable due to extreme temperatures. <sup>12</sup>
- Climate change will disproportionately affect the poor and will push 100 million people into poverty. <sup>13</sup>

# We Can Do It!

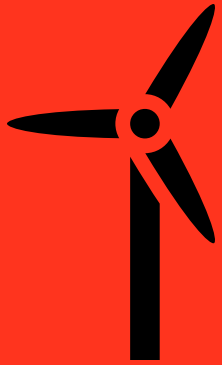


## **WHAT IS THE SOLUTION? MOBILIZATION!**

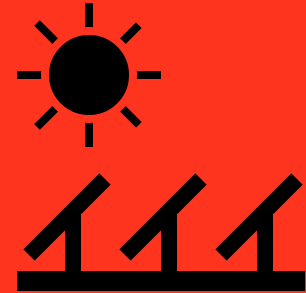
**Mobilization is a rapid, large-scale organization and effort taken by a government to respond to an emergency.**

**A well-known, successful example of mobilization was during World War II when the U.S. shifted the economy towards the war effort. Everyone in the country contributed to this cause.**

**It is important to realize how much of an impact federal and state action can have towards a crisis.**



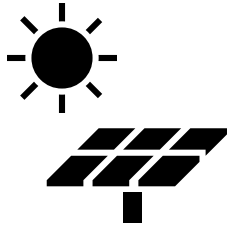
# WE CAN CREATE A CLEANER, SAFER, MORE ENERGY EFFICIENT FUTURE!



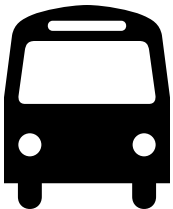
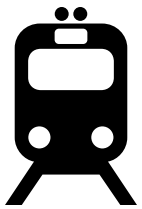
## Mobilization calls for:

- an end to net greenhouse gas emissions
- a restoration of greenhouse gas levels in the atmosphere to pre-industrial levels through carbon-dioxide drawdown
  
- It is possible for the United States to completely end greenhouse gas emissions by 2025, but it will require national governmental action.
- With the U.S. joining other countries, it is possible to make zero emissions a global reality.





# Moving Towards...



While there is growth in several areas, such as the U.S. is predicted to double its 2015 solar energy generation by the end of 2017, it is not enough.<sup>14</sup> Much more work is needed to transition from fossil fuels. We can move to...

## 100% Clean Energy:

- A Stanford University scientist developed The Solutions Project, a plan transition the United States to 100% renewable energy by 2050.<sup>15</sup>

## Alternative Transportation:

- An individual who travels 20 miles round trip and switches from driving to public transportation can reduce his/ her carbon emissions by more than 4,800 pounds a year.<sup>16</sup>

## Food Transition:

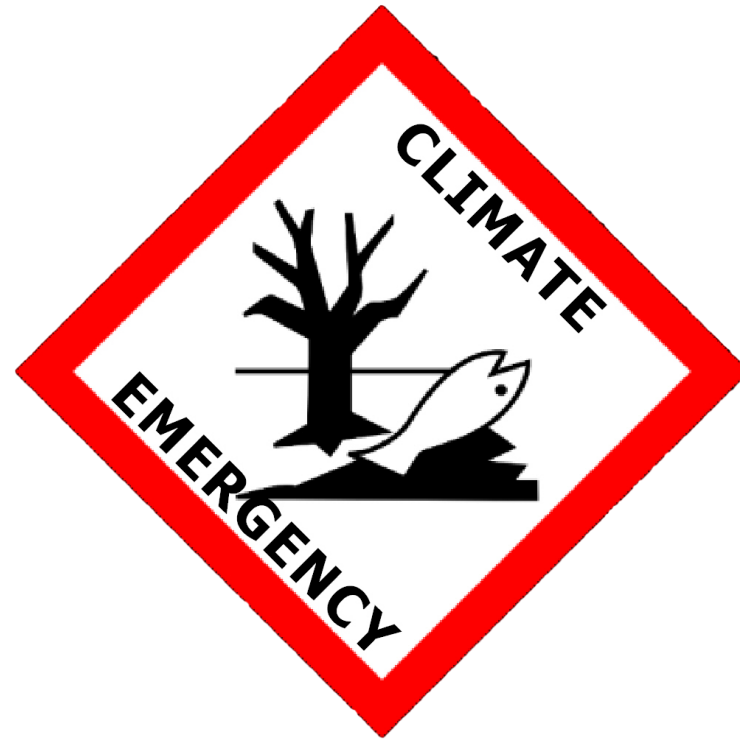
- The Food and Agriculture Organization of the United Nations estimates that 18% of greenhouse gas emissions are due to livestock production.<sup>17</sup>
- A transition involves reverting back to organic and traditional food production instead of factory farmed meat.

# YOU CAN BE THE CHANGE!

**Since climate change is caused by humans, there are steps we can take to stop it. Here's what you can do to mobilize:**

- 1. Spread the truth!** Educate yourself and others about the climate change emergency through discussions and mobilization events.
- 2. Get involved!** Get involved with organizations working toward emergency mobilization, like the New Haven Climate Movement.
- 3. Be outspoken!** Pressure your elected representatives to take action through emails, phone calls, and meetings.
- 4. Take action!** Take steps to change your lifestyle towards one that promotes a healthy environment. For example, use public transportation and switch your home electricity to clean energy.

# JOIN THE PLEDGE TO MOBILIZE



[NEWHAVENCLIMATEMOVEMENT.ORG](http://NEWHAVENCLIMATEMOVEMENT.ORG)