



**Mission Carbon Emissions**  
*or, Individual Action, Common Good*  
**The Fabulous Fables of Laurabee**

# ***Mission Carbon Emissions***

*or, Individual Action, Common Good*

*The Fabulous Fables of Laurabee*

© 2021 Susana Campos Martins, James Raymond, Angela Barreda, Nadeem Bashir, Mohanish Borana, Sabrina M. Curtis and Anuroop Ventakasubramani.

Illustrations by Irene Martins

Edited by Christoph Schumacher and Wolfgang Huang

October 2021

ISBN: 978-3-939201-14-4

Printed by Laserline GmbH, Berlin, Germany

Published by

Council for the Lindau Nobel Laureate Meetings

Alfred-Nobel-Platz 1

88131 Lindau

Germany



LINDAU  
NOBEL LAUREATE  
MEETINGS

*A fable about communicating the  
science-backed issues and solutions  
to climate change.*

*In the year of the fallacy lived a boy called Timothy,  
who lived with his parents in a town called Serendipity.*

*But there was a problem, right there in the city:*

*Too much fuel burning for heating and electricity.*



*The sun was shining so Timothy went outside.*

*The wind was blowing but his eyes opened wide.*

*A spiraling portal opened out of a beehive!*

*A time-travelling scientist bee swirled out from inside.*







*I am Dr Laurabee and I have an emergency!  
Our world is dying in the year of the tragedy.  
I am the lead scientist in charge of pollination.*

*Due to greenhouse gases and deforestation,  
bees get sick and food crops wither across the nation.*

*Hence my apparition,  
I need to send you on a mission!*

*But Dr Laurabee, I do not understand,  
these terrible things happening to our land.*

*What is the danger?*



*It is the carbon emissions, the greatest climate changer!*

*Cheap coal and oil are the excuse*

*so are meat production and land abuse.*

*Pollution fumes spew far and high,*

*ballooning so large, they black out the sky.*

*As the heat is trapped in their ties,*

*the global temperature and sea-level rise.*

*Children lose their homes and their future,*

*unless you act sooner.*

*That is awful, Dr Laurabee,*

*how harmful carbon emissions can be.*

*So to limit the warming flow,*

*please tell me what to do? Where to go?*



*Tell everyone you can  
about this solution plan.*

*Renewable energy can save our dear planet.*

*The sun, wind, and water can handle it.*

*But scientists like me will need more funding  
to get these green technologies up and running.*

*And now is the time for me to say,  
the role you are going to play.*

*Recycle, reuse, reduce.*

*Stay informed and eat local produce.*

*Use your voice until you are heard  
on how you can save those living on Earth.*





*So a boy called Timothy  
ran shouting out round Serendipity:  
The mission: he would rid  
the world of carbon emissions – and did.*



## **Glossary**

**Carbon Dioxide** is the most important greenhouse gas because it accounts for the greatest portion of global warming associated with human activities.

**Climate** is the average daily weather over long periods of time whereas weather reflects the conditions of the atmosphere over a short period of time.

**Climate Change** is the change of the Earth's climate and includes both global warming caused by human-driven greenhouse gases and the consequent large-scale changes in weather patterns.

**Deforestation** is the process of clearing forests or a section of trees for human activities.

**Fossil Fuel** is a generic term for buried combustible deposits formed from decayed plants and animals and converted to coal, crude oil or natural gas by natural processes over hundreds of millions of years.

**Global Warming** is the Earth's temperature rise due to human activities, primarily fossil fuel burning, which increases heat-trapping greenhouse gases in the Earth's atmosphere.

**Greenhouse Gases** are heat-trapping gases that absorb and emit energy, which are making the Earth warmer.

**Pollination** is the act of reproduction in plants when pollen grains from the male part of a flower are transferred to fertilize its female part.

**Pollution** is the process by which natural resources such as land, air or water become unusable for living organisms.

**Renewable Energy** is the energy obtained from natural resources such as the sun, wind and water that can be replaced by natural means and can serve as a substitute for fossil fuels.



## **Note**

*This fable is a conversation between Timothy, an aspiring kid hero, and Dr Laurabee, a promising climate scientist bee who travels from the future to warn Timothy about the terrible things that will happen to our planet if we do not collectively take action and change individual behaviour. It introduces children to the science-backed causes, consequences and mitigation of climate change.*

*This booklet is based on a video by Group Barreda for the Lindau Nobel Laureate Meetings' Online Sciathon 2020.*

*The video won second place in the "Communicating Climate Change" category and was selected as Video of the Day during the Online Science Days 2020.*

*The original video and more information can be found at [lindau-nobel.org/laurabee](http://lindau-nobel.org/laurabee)*

## **Acknowledgements**

*The text of this fable by Susana Campos Martins is based on the text written for the video by James Raymond and Sabrina M. Curtis, whose contribution is gratefully acknowledged.*

*We also thank the remaining members of the Group Barreda, namely Alvaro Castaneda and Jule Schrepfer, for encouraging us to continue with this project and Irene Martins for the lovely aquarelle paintings.*

*We are also indebted to the Lindau Nobel Laureate Meetings, especially Christoph Schumacher and Wolfgang Huang, for all their support, and to Professor Sir David F. Hendry for his help promoting the booklet.*



