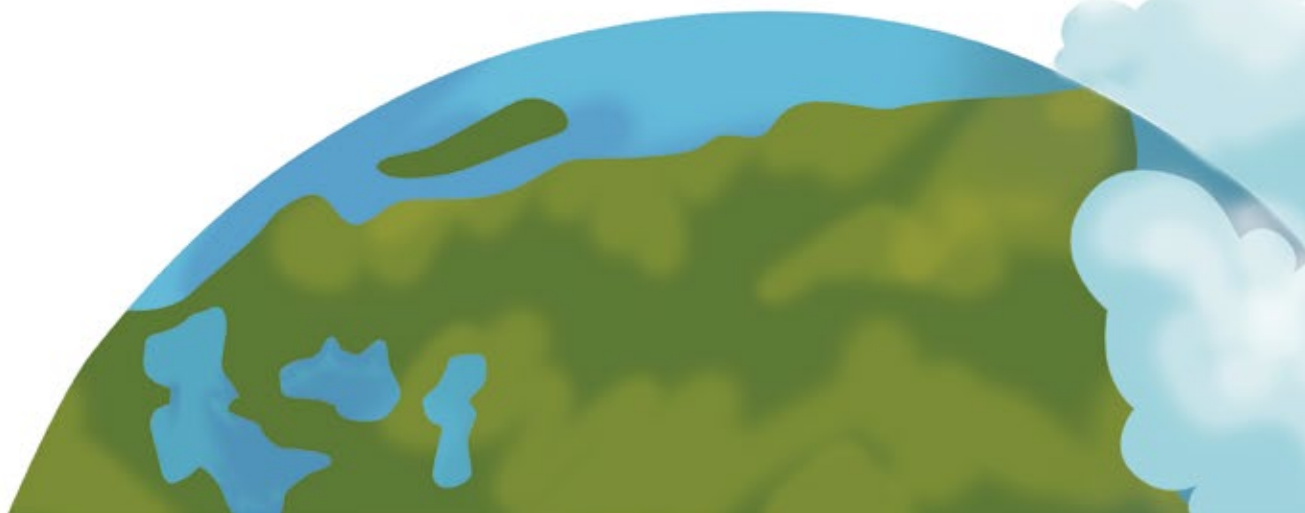




# Planet Warriors

to the rescue





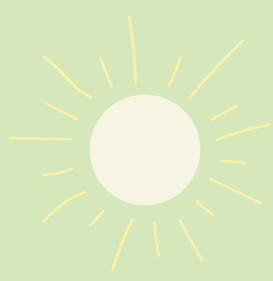
Hey there!

Do you believe in magic? I believe in magic! I believe when curious, little minds like yours come together, magic happens! At SAP, we are trying to help the world run better and make it a cleaner and greener place with some cool technology. Does it sound fun? Well, come join us in saving our planet and become our Climate Warrior! It's super simple - Saving the planet starts with three Rs - Reduce, Reuse, Recycle. So, the next time you leave a room, make sure the lights are turned off. This way, you reduce electricity wastage. We also got to practice reusing our old notebooks and art material. And most importantly, discard and recycle our garbage properly! Think you can do it? Come, let's do this together!

As Captain Planet said, "We all have a part to do to ensure a brighter future. Remember, the power is yours!"

It's your turn to be a Climate Warrior!

Sindhu Gangadharan  
SVP & Managing Director, SAP Labs India



Welcome to our little book on saving the planet.

How can a book save the planet, you ask? That's a good question.

We get it, it's a big world out there, and it's getting bigger every day, and so are the problems it is facing. Floods. Heatwaves. Fires. Droughts. The world seems like a dangerous place, and sometimes it feels like we need a lot more superheroes.

Superhero warriors who lift, burn, freeze opponents that try to get in their way. Fighting anyone who stops them from saving the day.

Whether eight or eighty, we have all dreamt of becoming superheroes. And it turns out we don't have to wait for a radioactive insect to bite us to become one. You may not be able to fly, grow claws or regrow your fingers, but you can still make a difference to the world.

Just like the "Planet Warriors" in our little story about 3 best friends; Hew, Dew, and Lou.

They are all different, like us, and have their reasons for doing what they do. We are like all of them sometimes, maybe you are too.

Dew is the curious one, full of questions and brave enough to look for the answers. Lou and Hew are brave too, but they are brave in different ways. There are many ways one can be brave, but those are things you learn as you grow.

Our book follows these best friends on an adventure, one which starts off trying to save their little town but ends up teaching them that they actually have the power to save the whole world.

The story that unfolds is mainly about being brave, but it is also about friends, about hope, about learning, about saving the earth, and also about chocolate (a little bit).

We hope this book inspires you to open your eyes and mind to the beautiful planet we live on. To learn that the way you live your life affects everything around you and to realize that you already have the two things you need to save the world...your choices and your actions.

So, are you ready to join the league of Planet Warriors?

Like our little other-worldly hero says:

"Someone needs to fix this, so why not you?"



At the "Planet Warriors Club" were Hew, Dew & Lou,  
three best friends who stuck together like glue.

Every day together they would plan and dream,  
about destroying crooks as a super team.  
With powers like super strength, speed & laser eyes  
they would save their town from all the bad guys!



“Listen up guys!” Dew said as they sat down  
“I think there is a new villain in town.”

“He’s stealing our fish and the water we drink.  
Set the forest on fire & killed the birds too, I think.  
It looks like our lovely town is in grave danger.  
We need to stop this before things get stranger.”



“Boringg!!” the boys said as they rolled their eyes  
“Who cares if a tree, fish, or bird dies.”



“We are the Planet Warriors; we fight real crooks.”  
Lou said, “Just like superheroes in our storybooks.”

Hew agreed, “The fishes, forests, and everything furry,  
are things about which only grown-ups worry.”




Dew said, "Listen to me guys, we can't chill out,"  
this is the Climate Change monster without a doubt."

"My sister told me about this monster big and scary,  
Dew tried telling them, "She read about him at the library.  
He's ugly and mean and eats planets for fun,  
loves greenhouse gases, and plans to eat up the earth & the sun."

Carbon dioxide, Methane, water vapor  
are some examples of heat-trapping gases called  
**GREENHOUSE GASES.**

They keep our planet warm and liveable for all of us.





“And if we don’t fight and scare him away,  
we’ll have to find a new planet for all of us to stay.”

Scared but curious the team packed up some snacks.  
And soon they were off to follow the monsters’ tracks.  
The town lake seemed like a good start for a quest,  
to search for clues before they could rest.

So, they looked and looked till it got dark,  
but found no clue or sign, not even a footmark.

Finally giving up all tired, hungry, and bored  
They decided to rest till their energy restored.  
That's when Hew pulled out chocolate & water to drink,  
and found a creature hidden inside, tiny and pink!





“AAAAaaaaaaAAAAAAA”, together screamed the whole team.  
“AAAAAAAaaaaaa” the tiny creature also screamed.

“Who are you? And what do you want?” asked Dew.  
“I am Cleo.” said the alien politely, “It’s nice to meet you”.  
He added “I come to your planet looking for chocolates.  
Would you be so kind to share the ones in your pockets?”



“Hahaa...Tough luck buddy. Why would we do that?”  
asked Lou, as he hid his chocolates under a hat.

“Well, you are looking for a nasty monster I heard,  
and I am a proud Climate Change monster nerd!  
If you share your chocolates, I shall tell all I know,”  
Cleo declared, “and once-and-for-all end your woe.”



“Really? Can you help us?” Dew was already impressed,  
“We’ve been looking for clues all day, without any rest.”

So, they searched their bags for everything sweet.  
Having an alien on the team, sure sounded neat.  
Happy with the trade, Cleo invited them onto his ship,  
“Welcome aboard friends, let’s take a quick trip.”



“To find this ugly monster, you don’t have to travel far,”  
Cleo said, “It’s hiding right here, in your lightbulbs and car.”

“That doesn’t sound right.” Hew looked confused.  
Why would the monster hide in the things that he used?

“To save the world, you will have to be smart.  
So, let me tell you this story right from the start.”

“200 years ago, when this story began,  
Cleo narrated,” Nature was still friends with man.  
But then people started cutting down trees,  
burning up the fuel, and killing the bees.”

#### When did Climate change start?

The Earth's climate has changed many times before – caused by volcanos and changes in the earth's orbit.

But sometime in the 1700s, humans started burning coal to make electricity and burning oil to make cars and planes move, they cut down the trees to plant more rice. All these things made more and more greenhouse gases and the earth a lot warmer.





“And that’s when the monster first showed up.  
He even brought his clothes and favorite cup.  
And as more pollution made the planet hotter & sicker,  
the Climate Change monster grew stronger and bigger.”



“We never thought about it like that,” Hew said,  
“We are feeding the monster that we want dead.”

“The forest fires & disappearing water,  
the reason our planet is getting hotter,  
treeless birds and dead fish in the lakes,  
are all caused by our own mistakes.”



Lou said sadly, "We can't catch a monster this big & strong."  
Dew agreed, "It's up to the Grown-ups to right this wrong."

The team felt helpless and sat down  
with a frown,  
but Cleo had other plans to save  
their town.

To kill off the monster before  
another attack.  
Make it powerless, so it never  
comes back.



FOOL-PROOF PLAN TO  
RESCUE THE WORLD

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SAVE ENERGY

RENEWABLE ENERGY

WALK or USE ELECTRIC VEHICLES

REDUCE, REUSE & RECYCLE

SAVE WATER

SAY NO TO PLASTICS

PLANT MORE TREES



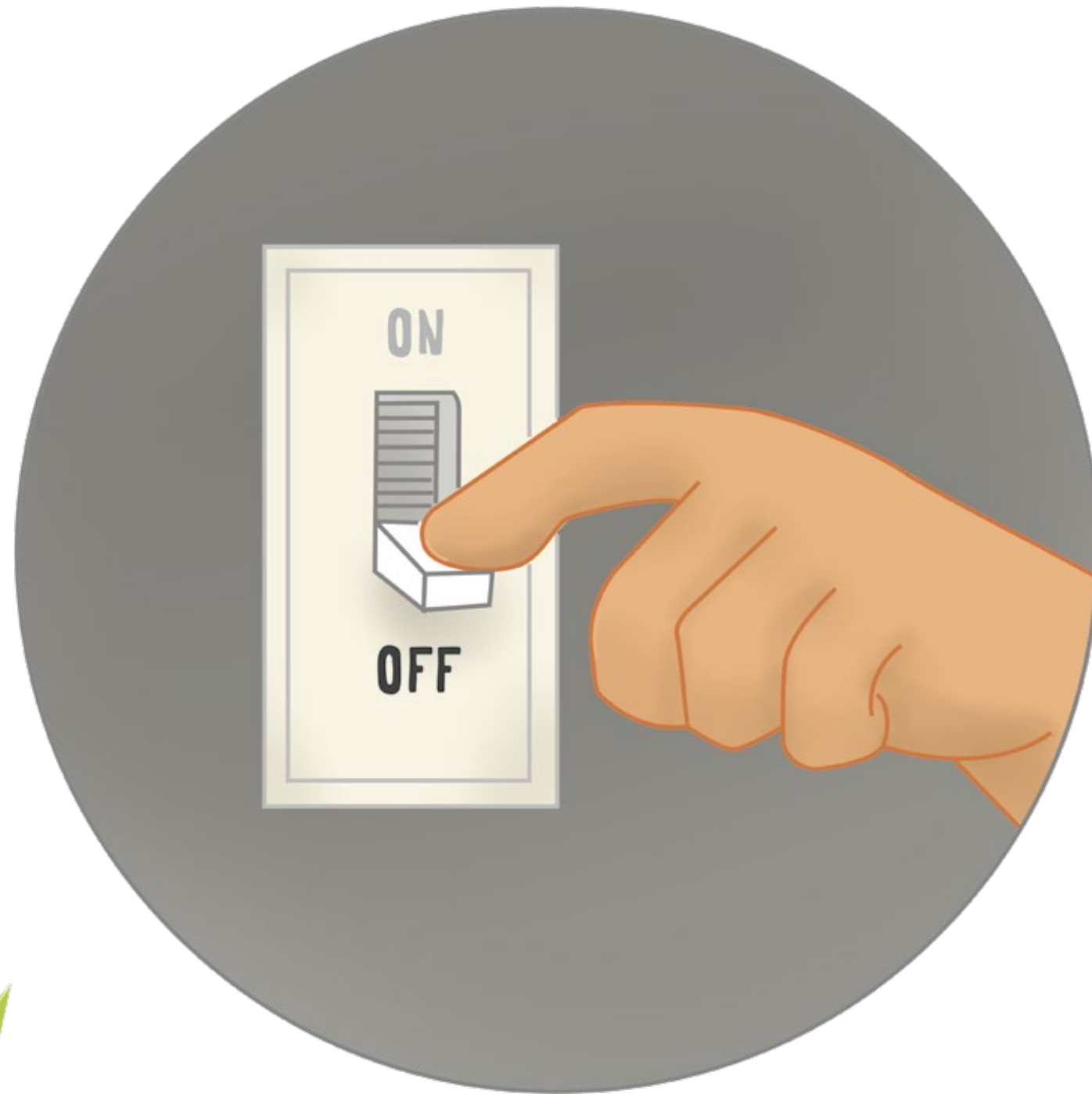
He declared, "Listen up friends, there is no need to frown,  
I shall tell you how you can save your lovely town."

"But we are just kids," Dew said, "What can we do?"  
Cleo smiled, "Someone needs to fix this, so why not you?  
Here is a list of things you can do every day,  
to fight off the monster in a positive way."

## Step #1 of Rescuing the World: SAVE ENERGY

Turn off the lights when you leave rooms,  
Less electricity wasted, means lesser fumes.

Most of our world still uses energy sources like coal and natural gases that can't be replaced or regrown once we use them up. These forms of energy also cause a lot of pollution.



### SAP Saves Energy

- ✿ SAP Labs India's high energy efficient equipment's use 20% less energy
- ✿ Efficient lighting design and demand control ventilation mean we reduce power consumption
- ✿ Our high energy-efficient UPS units with Li-ion batteries leave a 50-75% smaller carbon footprint



## Step #2 of Rescuing the World: USE RENEWABLE ENERGY

Using energy from the sun, wind and water,  
Stops the planet from getting any hotter.

Energy made from renewable resources like the sun and wind is limitless and doesn't cause as much pollution as fossil fuels. This helps our planet stay clean so we can continue to live here.



### SAP is Powered by Nature

- ✦ SAP Labs India has solar energy systems installed on rooftops of offices and parking spaces
- ✦ This generates around 0.8 million units of energy per annum & reduces about 680 tons of CO2 emission per year
- ✦ Around 71-95% of the energy consumed at SAP comes from green sources
- ✦ SAP EHS Management solutions make health, safety, and sustainability a hallmark of operations while increasing productivity



### Step #3 of Rescuing the World: WALK or USE ELECTRIC VEHICLES

Turn off the car and cycle to school,  
It's a great exercise and burns less fuel.

If there is a park, store, or library close by try to walk or cycle instead of asking your parents to drive you. It is the best way to reduce air pollution, keep fit and have some fun with friends.



#### SAP Drives Green

- 🌱 In 2011, SAP India launched a policy that offered employees a subsidy for buying EV's
- 🌱 100 plus EV cars are running at SAP Labs India, with 100 more inducted in 2020, contributing to a total CO2 saving of 257514 kgs
- 🌱 Companies around the world are minimising Greenhouse gas emissions to ultimately enable a future with zero emissions using SAP solutions
- 🌱 Solutions like SAP E-Mobility are driving the transition to sustainable and convenient electric mobility



## Step #4 of Rescuing the World: REDUCE, REUSE & RECYCLE

Saving the planet starts with three "R's"  
Reduce, Reuse, Recycle - be a planet superstar!

REDUCE the amount of waste you generate, REUSE old things in creative ways and RECYCLE used things and convert them into new fun products. All of these are great ways to avoid waste and use less energy.



### SAP's Ecological Footprint is Shrinking One Step at a Time

- 🌱 3.8 tons of hazardous waste has been recycled into a circular economy
- 🌱 SAP reduced its consumption of tissue papers by installing jet hand dryers
- 🌱 Centralised 3-in-1 dustbins allow better waste management
  - 🌱 Office papers are collected periodically to be recycled
  - 🌱 The In-house Organic Waste Management System converts organic waste generated in the kitchen, cafeteria, and juice outlets everyday into pure organic manure
- 🌱 SAP Product Footprint Management calculates the carbon footprint of products periodically and at scale to help customers gain insights into their environmental impacts



## Step #5 of Rescuing the World: SAVE WATER

Turn off that tap, let's take short showers,  
Store rainwater, we can use it to grow flowers!

Did you know? We can only use 1% of the water on our planet.  
Sending clean water to the drain fills up sewers and lets dirty  
sewage waste into the ocean, killing animals that drink and live  
in the water.



### Saving Water Matters to SAP

- Over 25 years, SAP has recycled and reused up to 33 million gallons of water, this amounts to 42% of the total water withdrawal
- With 100% on-site wastewater treatment and reuse, along with our rain harvesting systems, we are working toward our goal of zero-liquid discharge.



## Step #6 of Rescuing the World: SAY NO TO PLASTICS

Forget plastic, take cloth bags to the store,  
Plastics are toxic and harm the earth we care for.

Plastic takes over 400 years to decompose (break down). This is bad as they fill up our ponds, rivers, and oceans and harm the sea life and animals that eat them.



### SAP is Working Towards a World Without Plastic

- 🌱 SAP does not use any single-use plastic on-site
- 🌱 This helped us avoid 984 kgs of plastic waste in a year
  - 🌱 SAP is helping customers transition to a circular product portfolio and deliver on their zero-waste commitments



## Step #7 of Rescuing the World: PLANT MORE TREES

More trees mean less pollution in the air,  
They make the earth greener & help it repair.

Trees are great friends to the planet, they work hard to clean the pollution in the air, provide fresh water, and create homes for thousands of plants and birds.



### SAP Grows its Commitment to Going Green

- 🌱 SAP's landscape is covered with high oxygen yielding saplings
- 🌱 Green walls and indoor plants in the office area improve the quality of indoor air
- 🌱 Innovative technology solutions from SAP are helping companies make plant-forward living the new norm





THANK  
YOU



“Thank you, Cleo, you are a true friend.  
With your advice, we can finally amend,  
the way we eat, live and build again  
a world we can together love and sustain.”





The team returned feeling calm and strong.  
And is looking for more kids to join along  
on this journey to save and care for  
this beautiful planet that we all love and adore!

