CHEMBASE INTERNATIONAL GROUP®

CHEMBASE FOUNDATION

Saving Our Planet

Protecting the earth we share, for the generations to come

The challenges · The solutions · Bee revival · What you can do today

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1 A Shared Responsibility

Saving our planet is an urgent and critical task that requires **collective effort from individuals, communities, governments and businesses worldwide**. The Earth faces environmental challenges that threaten its ecosystems, biodiversity and the well-being of all living creatures, including humans.

OUR BELIEF

Each one of us can contribute to positive change through our actions, choices and advocacy. **Small steps taken collectively** lead to significant improvements in the health of our planet and a sustainable future for generations to come.

2 The Challenges — and the Solutions

The most pressing issues we need to address.

Challenge	Why it matters	Solutions
Climate change	Driven mainly by burning fossil fuels, deforestation and industrial processes — causing rising temperatures, sea-level rise, extreme weather and disrupted ecosystems.	Renewable energy, energy efficiency, afforestation and reforestation, and sustainable practices across all sectors.
Biodiversity loss	Habitat destruction, pollution, overfishing and poaching upset the balance of ecosystems, with cascading effects on other species.	Protect and expand natural habitats, run conservation programs, and manage land and oceans sustainably.
Pollution	Air, water and soil pollution pose serious health risks to people and animals and disrupt ecosystems.	Stricter environmental regulation, clean technologies, and waste reduction and recycling.

2 The Challenges — and the Solutions

Challenge	Why it matters	Solutions
Deforestation	Clearing forests for agriculture, logging and urbanisation removes vital carbon sinks and threatens many species.	Sustainable forestry, enforced forest-protection laws, and alternative materials to cut demand.
Overconsumption & waste	Excessive consumption and waste strain the planet's finite resources and degrade the environment.	A circular economy — recycling, less waste and sustainable consumption habits.
Water scarcity	Growing populations and changing climate patterns leave many regions short of water, affecting ecosystems, farming and people.	Efficient water management, conservation, and investment in water infrastructure.
Education & advocacy	Awareness is what mobilises individuals and communities to act.	Raise awareness of environmental issues and advocate for sustainable practices.

3 Bee Revival

Scientists are reporting a significant decline in bee populations around the world. Chembase Foundation **supports scientists working on programs to stop this decline**, giving back to the earth by helping fund major bee revival projects. The bee-focused charities we support run programs globally, targeting areas where populations are at risk.

Pollinators

Bees are essential for pollinating flowering plants, including crops — so fewer bees directly affects people and every species that relies on a healthy environment.

7 species

In 2016, seven species of Hawaiian yellow-faced bee became the first bees listed as endangered in the United States. They need our support more than ever.

Together with scientists and apiarists, we can all help ensure the cycle of nature flourishes — and that our little fuzzy friends are given the chance to keep doing what they do, in peace.

4 Ten Simple Things You Can Do

1. **Reduce, reuse, recycle** — cut down on what you throw away to conserve natural resources and landfill space.
2. **Volunteer** — join clean-ups in your community and help protect your local waterways.
3. **Educate** — help others understand the importance and value of our natural resources.
4. **Conserve water** — less water used means less runoff and wastewater reaching the ocean.
5. **Choose sustainable** — make smart, sustainable seafood choices.
6. **Shop wisely** — buy less plastic and bring a reusable shopping bag.
7. **Use long-lasting light bulbs** — energy-efficient bulbs reduce greenhouse gas emissions — and switch lights off when you leave.
8. **Plant a tree** — trees provide food and oxygen, save energy, clean the air and help combat climate change.
9. **Keep chemicals out of waterways** — choose non-toxic chemicals at home and in the office.
10. **Bike more** — drive less.

5 Eat Sustainably — and Why It Matters

Eat sustainable foods

Choose food from farmers who conserve natural resources and have as little impact on the land as possible. Buying as much as you can from **local farmers** makes a difference — and so does eating more whole grains, vegetables, fruits and nuts, and less red meat and processed food.

A clean environment is essential for healthy living

The less we care for our environment, the more it becomes polluted with contaminants and toxins that harm our health. Air pollution can cause respiratory disease and cancer, among other illnesses.

5 Eat Sustainably — and Why It Matters

What happens if we don't act?

Our planet is warming faster than expected. Scientists warn that **global warming of 2°C** would cause severe damage to ecosystems on Earth, with serious consequences for humanity.

We must stop cutting down rainforests — vital to our lives, our atmosphere and the homes of countless species. We should use less electricity and fossil fuel, and switch to solar and wind energy.

It is later than you think.

WHY IT MATTERS

“We do not inherit the Earth from our ancestors; we borrow it from our children.”

— Often described as a Native American proverb

01 · SAVING OUR PLANET

A planet at a crossroads

02 · SAVING OUR PLANET

Forests, skies and green spaces

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The earth in our hands

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Wildlife and the habitats we share

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It costs you nothing to find out how much you can save

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