

### **Introducing the Soil Crisis:**

- Our soil is facing extinction.
- According to the UN, 90% of Earth's Soils could be degraded by 2050 unless we act now.
- The UN FAO estimates that we only have 60 years of soil left.
- The UN FAO reports that 52% of the world's agricultural soils are already degraded
- The World Economic Forum estimates that food production could fall by 40% in 20 years if soil extinction is not prevented.
- 12 million hectares of topsoil are lost every year across the world. That's almost the size of the entire nation of Greece

### **Why Should You Care? - Choose an aspect you'd like to highlight**

- **Nutrition:**
  - Soil, health and human health are intricately connected. As a [role: singer, athlete, entrepreneur], my body depends on the highest quality of food to perform at its best.
  - Especially when it comes to our food, it's shocking to learn that fruits, vegetables, and grains like wheat have half the micronutrients they used to. ([TIME](#))
  - 60% of the world's population is deficient in nutrients like iron due to lack of nutrients in food and soils. If it's not in the soil, it's not in our food. ([TIME](#))
  - A study on nutrients in food concluded that we would have to eat 8 oranges to get the same amount of Vitamin A as our grandparents did with one orange, because soil depletion has caused massive drops in nutrient levels in food. ([Scientific American](#))
  - The average mineral content of calcium, magnesium, and iron in cabbage, lettuce, tomatoes, and spinach has dropped 80-90% between 1914 and 2018 in the US. ([NCBI](#))
- **Food Shortages:**
  - Imagine a world population of 9 billion with mass food shortages. That's not a pleasant picture. We have to make soil health a top priority.
  - 95% of the food we eat comes from the soil, but in America alone, 50% of our topsoil has already been lost. ([FAO](#))
  - Climate change, and food and water scarcity can result in 1.5 million people from Central America and Mexico attempting to migrate to the USA, by 2050. ([NYT](#))
- **Biodiversity**
  - One teaspoon of bare or tilled soil contains more microorganisms than there are people on Earth. ([Nature](#))
  - 87% of life on the planet depends on soil. ([PNAS](#))
  - Soils are home to over a quarter of all living species on earth. ([FAO](#))
- **Climate change**
  - If the world's soils are not revitalized, they could release 850 billion tonnes of carbon dioxide into the atmosphere due to global warming. This is more than humanity's emissions in the last 30 years combined. ([Science Daily](#))
  - Revitalizing soil can reduce humanity's current annual Greenhouse Gas emissions by 25-35%, according to UN estimates. ([UNEP](#))
  - 50-70% of the carbon stored in farm soils have already been lost. ([UNEP](#))

### **About Save Soil**

- Save Soil is a global movement launched by Sadhguru which is bringing together people and leaders to restore Soil Health by instituting national policies worldwide toward increasing the organic matter in cultivable Soil.
- The aim of this movement is to increase the organic matter in soil to a minimum of 3% by advocating for policies across all nations towards soil revitalization, and raising awareness among 3.5 billion people to support these policies.

### **Save Soil Journey**

- On March 21st Sadhguru will start an arduous 30,000 km journey as a lone motorcyclist traversing 24 nations, from London to Southern India, meeting with global leaders, influencers, citizens and their elected representatives to raise awareness of the issue of Soil Health and activate people's support for the Save Soil movement.

### **Why is a Policy Needed?**

- If we act now, soil degradation can be effectively reversed across the globe through policies that are created to safeguard soil health. We can do our part to take care of land and soil that is accessible to us but this is no longer sufficient. We may manage our allotted land well, but if we need to ensure soil health for generations to come, soil regeneration needs to be incorporated into the policy of every government in the world.

### **Sadhguru's Environmental Initiatives**

- Since 1998, Sadhguru, through Isha Foundation, has been working relentlessly towards creating a conscious approach to our lives and the environment.
- It started out locally as **Project Greenhands** in the state of Tamil Nadu, India which resulted in 35 million trees planted & 70,00 farmers engaged, including holding the Guinness World Record for trees planted in a single day.
- This was followed by **Rally For Rivers** which launched projects to revitalize 13 rivers and received the support of 162 million people, making it the largest environmental movement in the world.
- This further evolved into **Cauvery Calling** which is geared to be the world's largest farmer-driven eco-restoration project with 125,000 farmers engaged and 62 million trees planted.
- Now, the **Save Soil** movement is specifically focused on creating awareness of the critical issue of soil degradation which most people are not aware of, but affects almost every country in the world.

### **About Sadhguru**

- Sadhguru is a yogi and visionary, known over the last 4 decades for his colossal initiatives to foster human wellbeing and global harmony.
- He has implemented large-scale projects for environmental restoration through mass tree planting and river revitalization.
- He established Isha Foundation, an international, not-for-profit organization.
- His transformational yoga and meditation programs have touched the lives of millions and his YouTube channel received over 2.5 billion views in 2021.

- He is a New York Times bestselling author and a speaker at institutions such as the United Nations, World Economic Forum, Google, London Business School, Harvard and more.