CLIMATE CHANGE MITIGATION AND ADAPTATION

We can reduce the **severity** of climate change impacts through **mitigation and adaptation**.

DID YOU KNOW?

Current trajectories will cause an increase of average temperatures by more than 3 degrees Celsius this century.

What is climate change mitigation?
Mitigation aims to address the key drivers of anthropogenic climate change to limit its severity and impact on life on Earth. Key to effective mitigation is the „decarbonisation" of the global economy by shifting to clean energy, stopping the burning of fossil fuels and deforestation, while increasing efforts to restore ecosystems, including forests and mangroves.

What is climate change adaptation?
Adaptation aims to build resilience to help us cope with the adverse impacts of climate change. Resilience is required in food and agriculture systems, in water and natural ecosystems, including coastal zones and oceans, in cities, and for infrastructure and services. Improving disaster risk management and providing adaptation finance to support poor populations and countries will further build resilience.

But even with both, effective mitigation and adaptation mechanisms in place, we need to be prepared for adverse impacts to the human life support system – and deal with loss and damage that ensues.

CLIMATE SCIENCE LITERACY
IN SUPPORT OF THE **SUSTAINABLE DEVELOPMENT GOALS**

Photo: UNICEF Maldives 2019 Sotti-4
TH/E0/22/007-ENG