

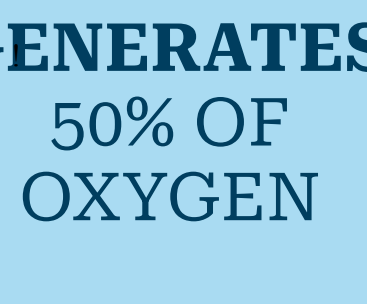


IN A NUTSHELL

WHY OUR OCEAN MATTERS

The ocean is fundamental to life on earth, people's livelihoods and the future of humankind.

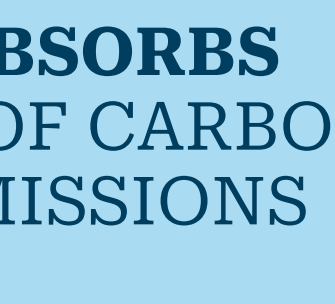
LIFE



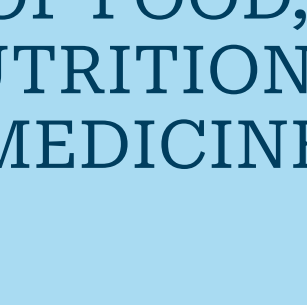
GENERATES
50% OF
OXYGEN



**HOME TO THE WORLD'S
LARGEST ECOSYSTEM**
AND NEARLY A MILLION
KNOWN SPECIES!



ABSORBS
25% OF CARBON
EMISSIONS



SOURCE
OF FOOD,
NUTRITION &
MEDICINE



REGULATES
CLIMATE

ECONOMY



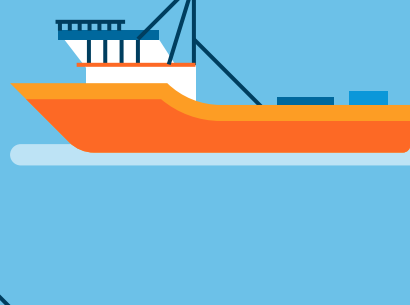
TRADE
80%
International
trade in goods
carried out by sea

LIVELIHOODS

3 BILLION+
People who depend
on marine and
coastal diversity for
their livelihoods

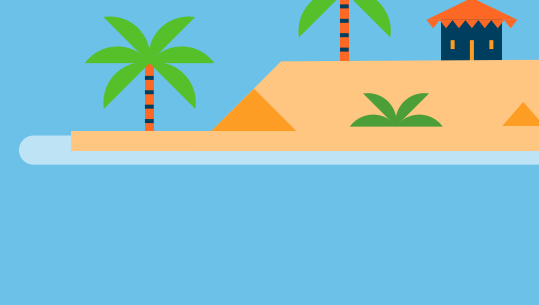
DECENT JOBS

200 MILLION+
People directly or
indirectly employed
with marine fisheries



COASTAL TOURISM

80%
Tourism globally
that takes place in
coastal areas.



ECONOMIC VALUE

**USD 3
TRILLION**

The annual market
value of marine and
coastal resources and
industry.



THREATS FACING THE OCEAN



Unsustainable human activities have seriously degraded the ocean.

GLOBAL WARMING

Ocean heat is at record levels and global warming is the culprit.

Why care? Let's break it down.

1

Unsustainable human activities (primarily the burning of fossil fuels) have dramatically increased greenhouse gases in our atmosphere.

2

Greenhouse gases, such as carbon dioxide, trap the sun's heat in the Earth's atmosphere.

3

The **ocean absorbs** more than 90% of the **excess heat** in the climate system and 25% of all carbon dioxide.

A warmer ocean means:

- Sea level rise
- Shrinking polar ice caps
- Marine heatwaves

- Extreme weather events
- Coastal flooding & erosion
- Toxic algae
- Ocean acidification

The consequences

- On land**
 - Food insecurity
 - Job losses
 - Livelihoods of coastal communities
- Below water**
 - Dying coral reefs
 - Reduced marine biodiversity

MARINE POLLUTION

Plastics are the most common type of waste choking our ocean.

ONE MINUTE
One million plastic
drinking bottles are
purchased

ONE YEAR
Some 11 million
tonnes of plastic
enter the ocean

450 YEARS
The approximate
time it takes for
plastics to
decompose in
the ocean

**THOUSANDS
OF YEARS**
How long plastic
waste continues
to exist in nature

COMMON OCEAN PLASTIC WASTE

Food wrappers Plastic bottles Shopping bags Straws Stirrers

The consequences

- On land**
 - High economic clean-up costs
 - Financial losses to marine industries
 - Reduced food security
 - Plastics in seafood we eat
 - Threats to jobs and livelihoods
- Below water**
 - Dying marine & coastal species
 - Dying coral reefs
 - Marine life ingests plastics

ILLEGAL, UNREPORTED AND UNREGULATED FISHING

**UNSUSTAINABLE
FISHING**
practices hurts
all life

10 MILLION TONNES
of fish go to waste due to
destructive fishing
practices every
year—enough to fill **4,500
Olympic-sized swimming
pools**

ONE THIRD
of fish stocks are
overexploited

The consequences

- On land**
 - Reduced food security
 - Threats to jobs and livelihoods
 - Exacerbated poverty levels
- Below water**
 - Threatened marine ecosystems
 - Imbalance in food web

THE SOLUTION: SUSTAINABLE OCEAN- BASED ECONOMIES

Sustainable ocean-based economies, combined with efforts to curb the global temperature increase to 1.5 °C, is fundamental to saving our ocean and life on earth.

WHAT IS A SUSTAINABLE OCEAN-BASED ECONOMY?

It is the sustainable use of ocean resources for:

**ECONOMIC
GROWTH**

**IMPROVED
LIVELIHOODS
AND JOBS**

**OCEAN
ECOSYSTEM
AND HEALTH**

Renewable
energy

Science-based
innovative solutions
at all levels

Eco-friendly
coastal
tourism

Zero-emissions
maritime transport

Protection of
coastal
communities

Job creation
& reduced
poverty

Improved waste
management,
including of
plastic pollution

Marine life
conservation &
ocean conservation

Cleaner
coasts and
ocean

Sustainable
fisheries

