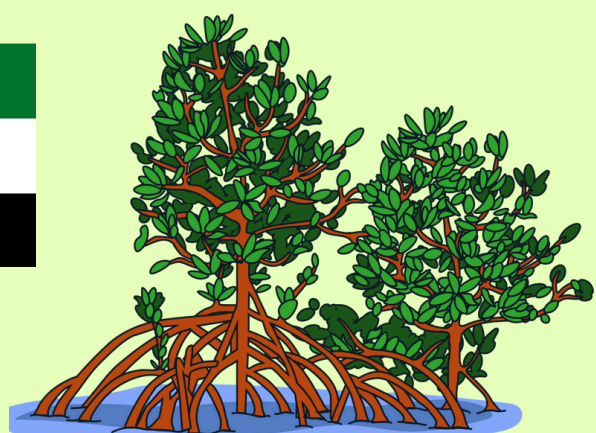
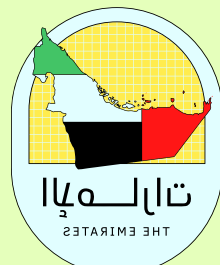


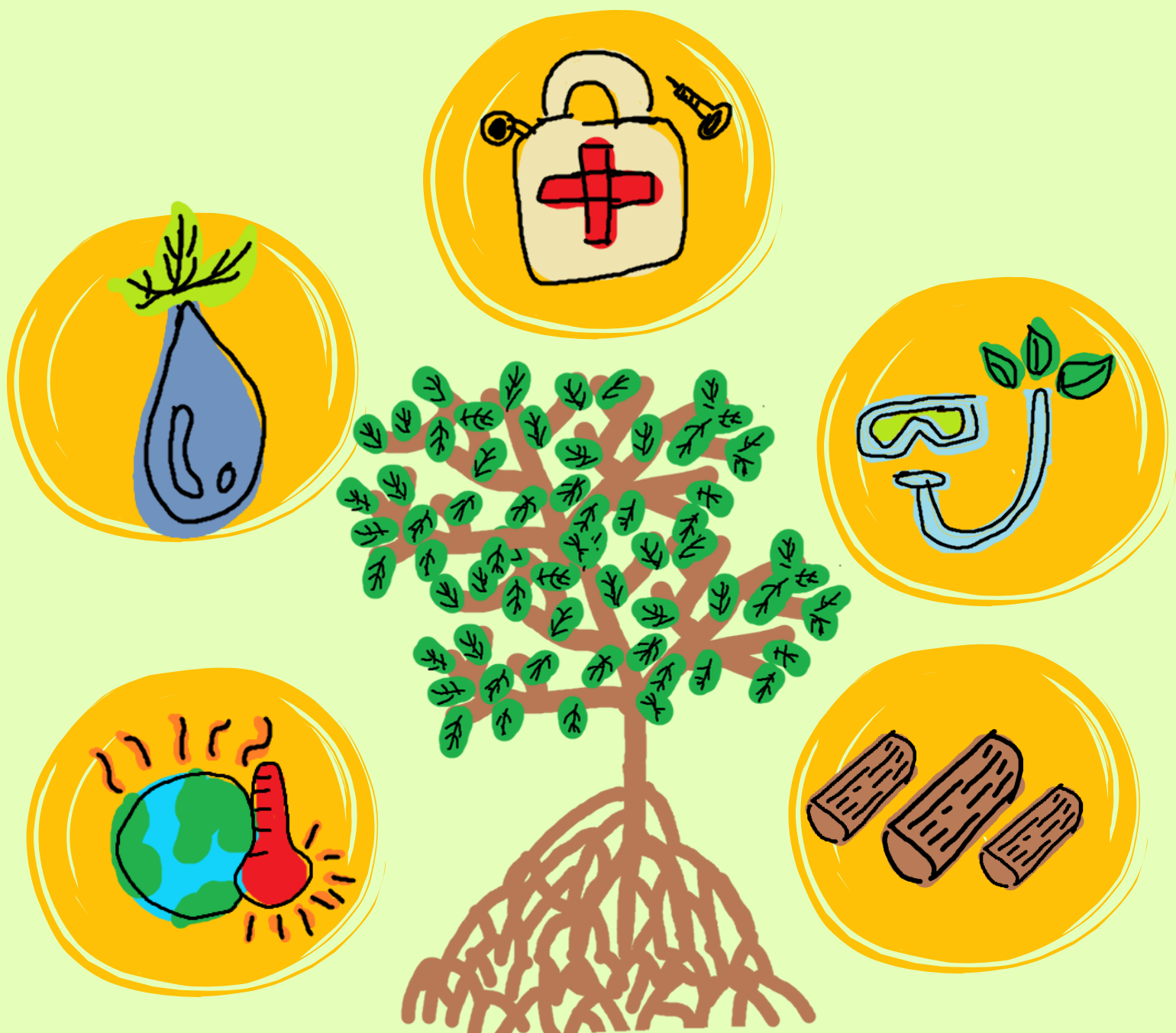
MANGROVE CITIZEN ACTION GUIDE UAE



PROTECT

the

MANGROVE



1. Carbon Sinks - Combact Climate Change



2. Purify Water - Improves Water Quality



3. Provide Medicine - Medical & Health

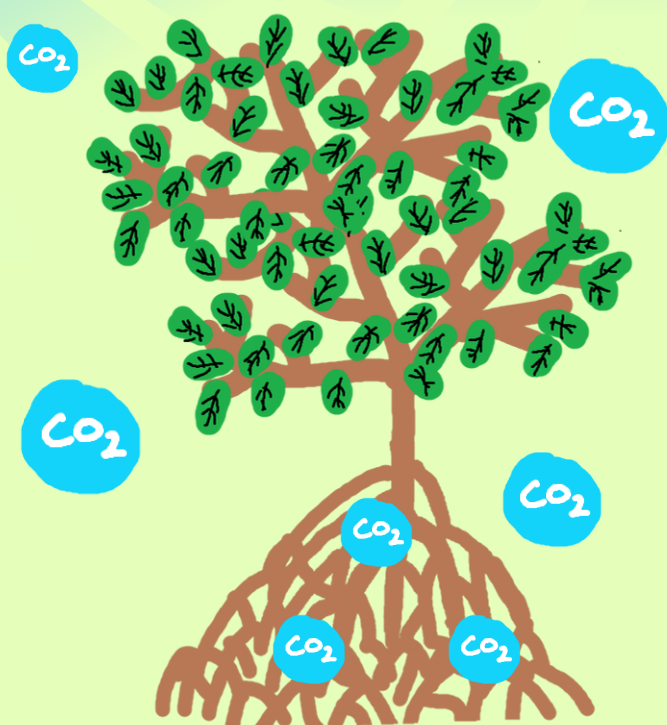


4. Promote Eco Tourism - \$ Financial Benefits



5. Provide wood and fish - Human Survival





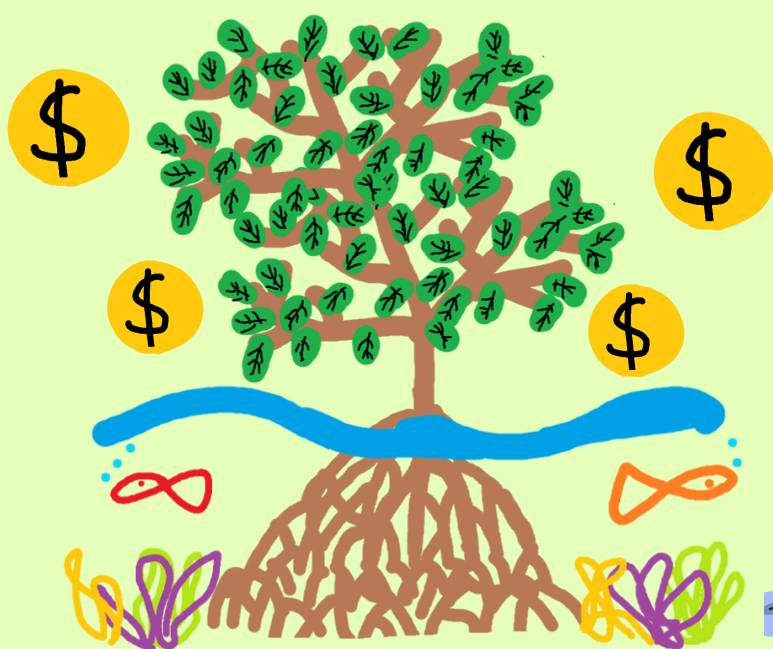
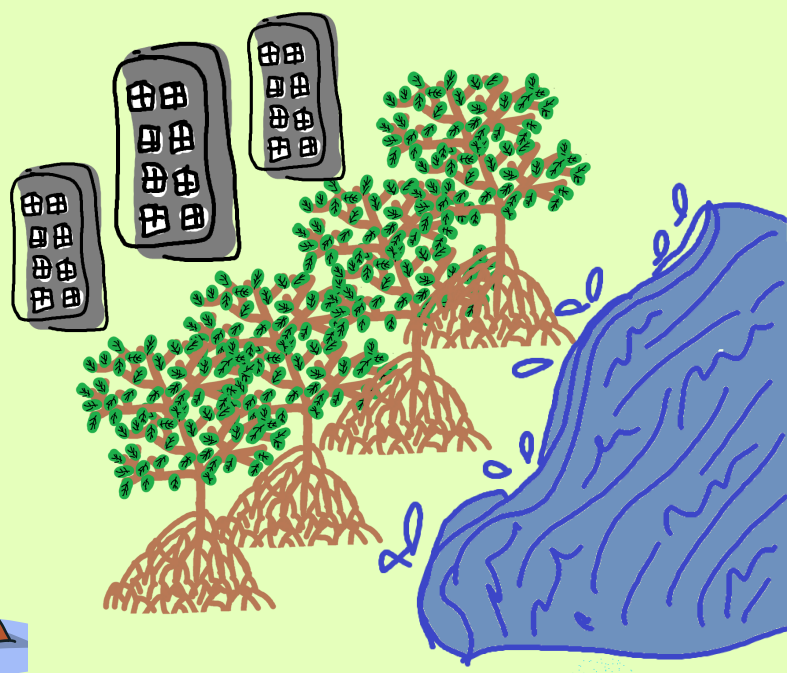
01 CARBON SINKS

- Mangroves are 'superheroes' in carbon sequestration.
- They absorb large quantities of the greenhouse gas carbon dioxide from the atmosphere and store it, thus decreasing the effects of global warming.



02 COASTAL PROTECTION

- Mangroves protect the coast from erosion by reducing the flow of soil and sediment.
- This water filtration helps protect offshore ecosystems such as coral reefs.
- Mangroves also reduce the impact of waves on the shore.



03 ECONOMIC BENEFIT

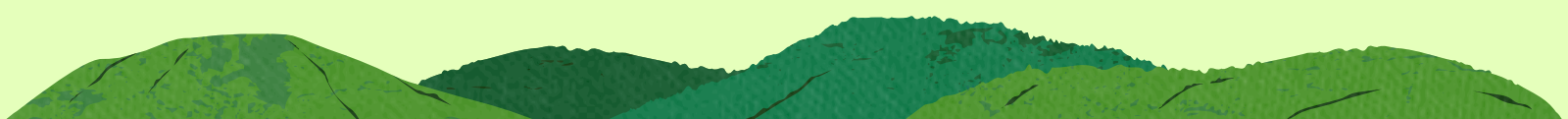
- Mangroves protect coastal land and waters.
- This ensures the survival of many species, including those that provide food and income for communities.
- Mangroves sustain fisheries and coastal crops as well as providing opportunities for ecotourism.

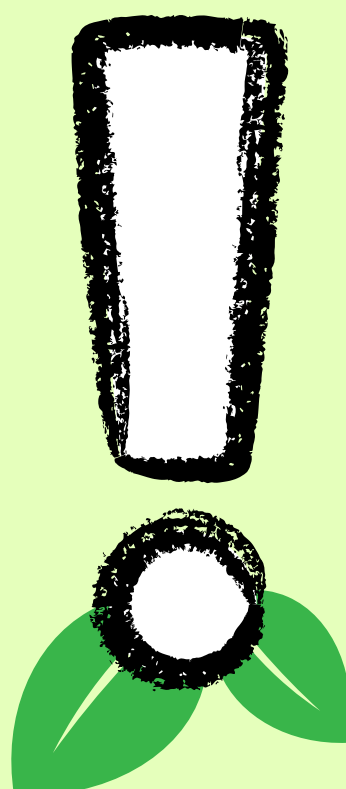
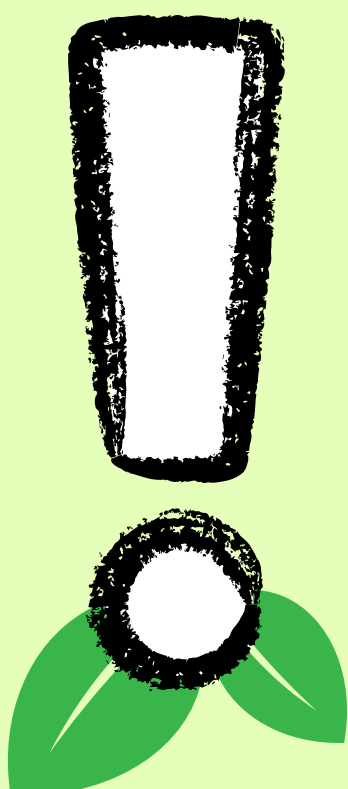


" PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS "



SDG 15: Life on Land is yet another goal that is inextricably linked with mangroves. It calls for the protection, restoration, and promotion of sustainable use of terrestrial ecosystems. Mangroves, with their diverse range of flora and fauna, are hotspots of terrestrial biodiversity.

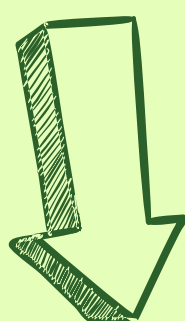




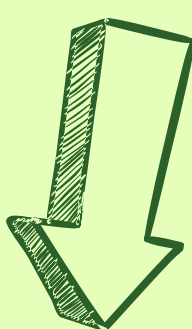
Deforestation - Pollution - Climate Change

30 - 50 %
of the mangrove
forests have
been lost due
to human
activities

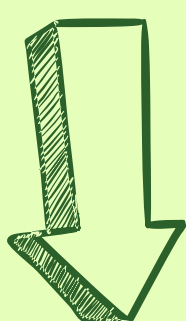
MANGROVE FORESTS ARE AMONG THE MOST THREATENED HABITATS IN THE WORLD, AND MANGROVE LOSS IS RAMPANT ACROSS THE GLOBE.



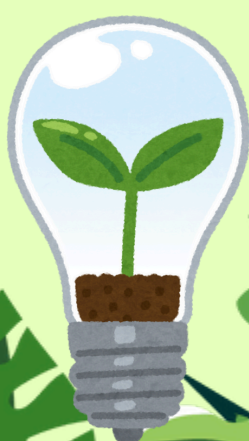
Restoring damaged mangrove areas is possible, but it only works if we plant large groups of fast-growing species. Even then, we can't fully restore the original species and ecosystems.



Once certain species and subspecies are gone, we can't bring them back.



To make sure we continue to get the benefits from mangroves, the best approach is to avoid destroying them in the first place.





INTERNATION DAY FOR THE CONSERVATION OF THE MANGROVE ECOSYSTEM IS CELEBRATED ON

26th july

WHAT CAN YOU DO ?

1) Educate Others: Spread awareness about the importance of mangroves and the threats they face. The more people know about their value, the more likely they are to support conservation efforts.



2) Adopt Sustainable Practices:

Reduce your carbon footprint and support sustainable practices that help mitigate climate change, which can negatively impact mangroves.

3) Participate in Clean-Up Events:

Join local clean-up events to help remove litter and debris from mangrove areas. Trash can harm mangroves and the wildlife that depends on them.



4) Support Conservation

Organizations: Contribute to or volunteer with organizations dedicated to mangrove conservation.