

Mangroves are vital ecosystems that support a rich diversity of life, help regulate the climate and protect coastlines and communities. Check out some of their superpowers!

Biodiversity Booster:

They are home to many species, providing food and shelter for birds, fish and invertebrates. They serve as nurseries for fish and crustaceans, while their flowers attract pollinators like birds and insects.

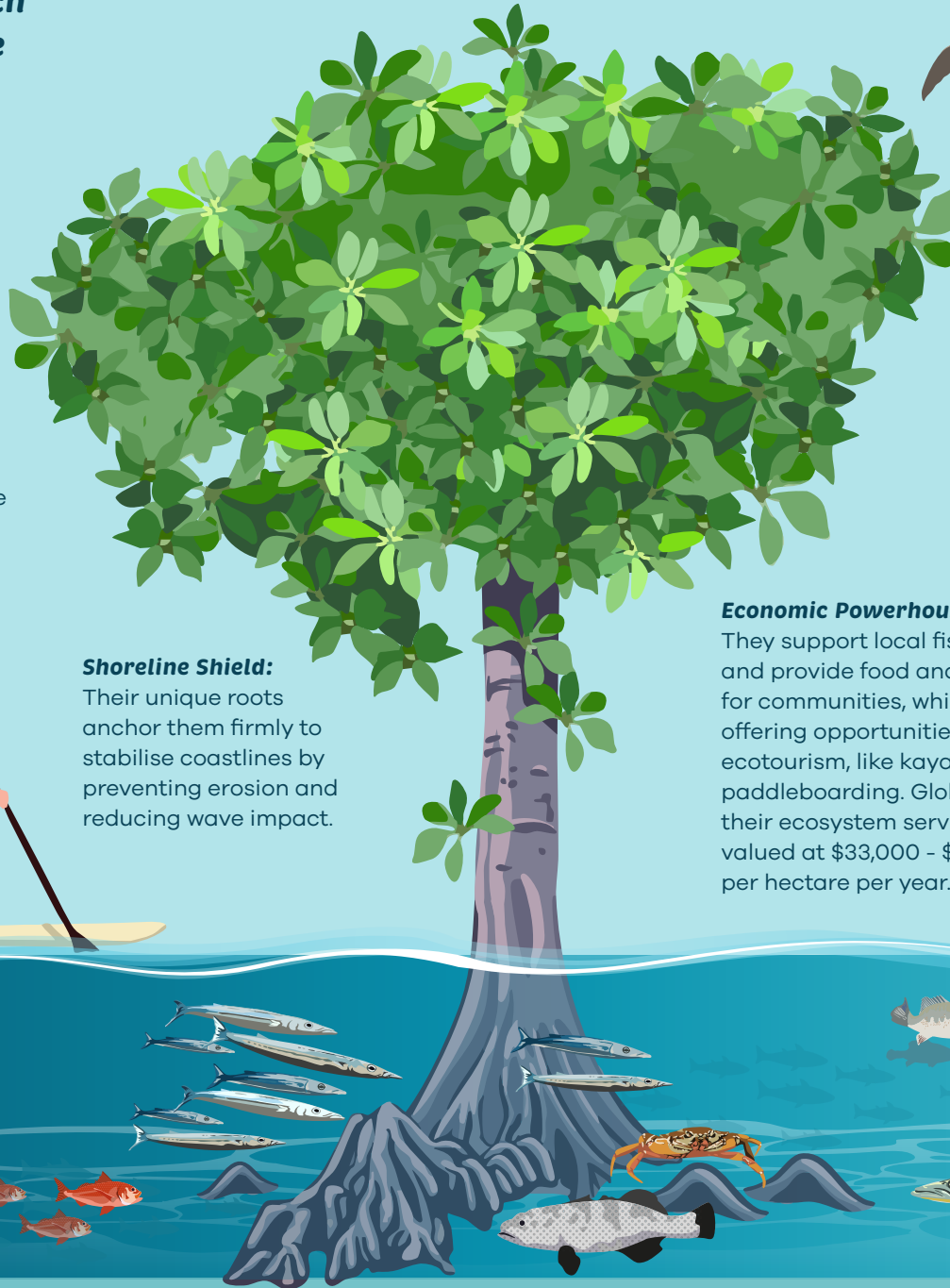
Natural Flood Controller:

They act as a sponge for flood water during storms and tsunami events, reducing the volume of water that reaches land. This can help reduce the impact of flooding.

Shoreline Shield:

Their unique roots anchor them firmly to stabilise coastlines by preventing erosion and reducing wave impact.

MANGROVE GUARDIANS



In the Maldives iconic fish found in mangroves include juvenile sharks, snappers, groupers and emperors.

*We have recorded **32** fish species, including commercially valuable reef fish such as snappers, groupers, and emperors in the mangroves of Laamu Atoll.*

Water Purifiers:

They act as natural filters, removing pollutants and excess nutrients from the water to keep coastal ecosystems healthy.

Economic Powerhouse:

They support local fisheries and provide food and income for communities, while also offering opportunities for ecotourism, like kayaking and paddleboarding. Globally, their ecosystem services are valued at \$33,000 - \$57,000 per hectare per year.

Climate Controller:

They store carbon dioxide and improve air quality, helping to fight climate change and create a healthier environment.