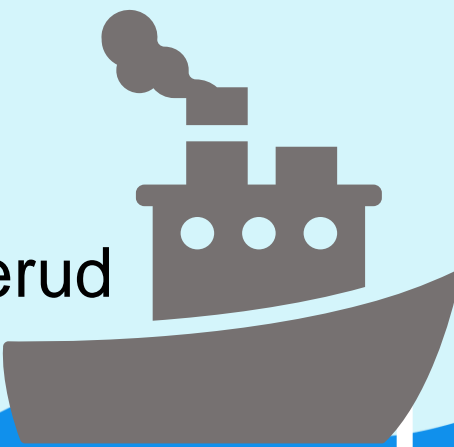


# Effectiveness of Marine Protected Areas



## Exploring different perspectives

Mercedes Katharina Diesel, Marthe Emilie Fosse, Sara Keshini Gasior, Idun Kjoberg, Alessandra Uggerud  
SDG214 Group 5



### What is a Marine Protected Area (MPA)?

- MPAs are protected ocean areas set aside for long-term conservation.
- Some allow commercial activities, while so-called "no-take areas" only allow research.
- Target SDG14.5 called for the conservation of 10% of the ocean by 2020, but so far only 7.93% are protected.



### Fishers

- ✓ A **spill-over** from MPAs can benefit and protect **resources** of surrounding fisheries
- ✓ Help combat **overfishing, illegal fishing** and subsequent declining **employment** opportunities
- ✗ **Hyper-competition** between fisheries due to limited resources
- ✗ Need to still be able to **make a living**, uphold their **culture and traditions**

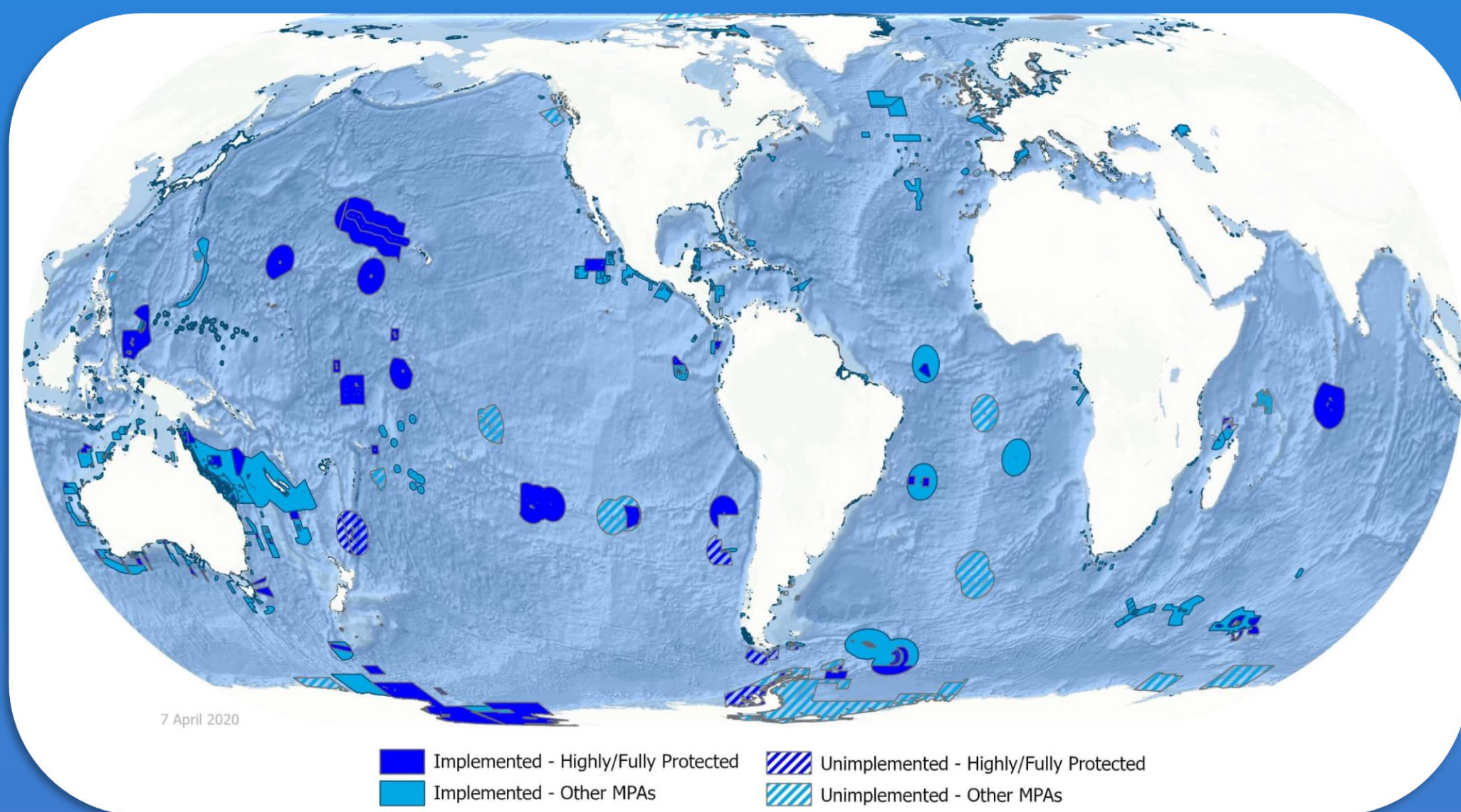


Fig. 1 Marine Protected Areas worldwide. Marine Conservation Institute (2020).

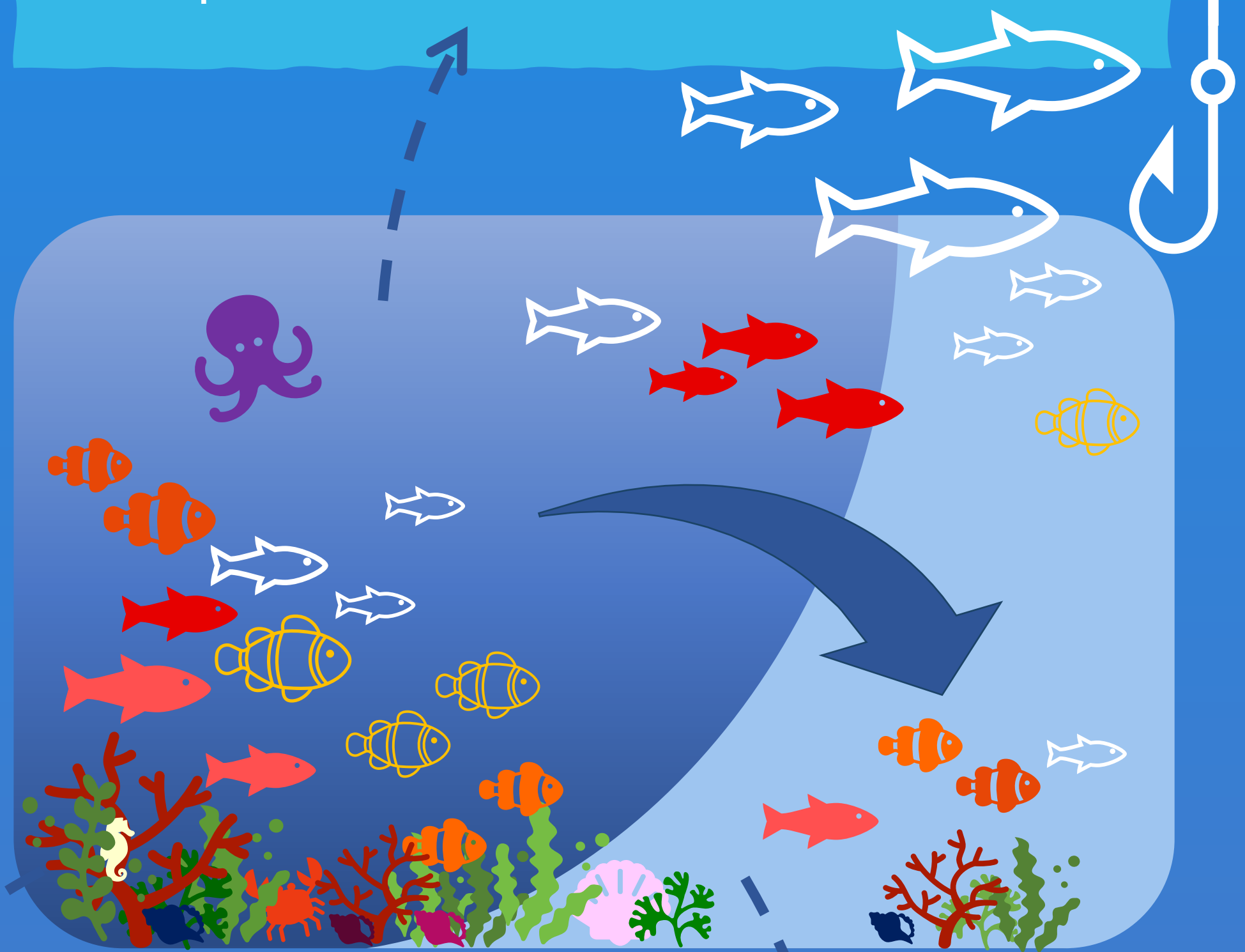


Fig. 2 Spill-over from MPAs into surrounding areas.

### Conservation Scientists

- ✓ Conservation of **ecosystems**
- ✓ Increase the **abundance** of species, **size** and **community diversity**
- ✓ Increase biomass and biodiversity **beyond the MPA's borders**
- ✗ "**Paper parks**": Some MPAs are established in ecologically "dead zones" without conserving vital species

### Tourism Industry

- ✓ Preserving biodiversity as an **attraction**
- ✓ Enhance **economic diversification** based on fishing tourism and heritage
- ✓ Increase environmental awareness and encourage **sustainable tourism** development
- ✗ In some MPAs diving is **prohibited**, but many places depend on tourism

### Take-Home Message

Motives and priorities can strongly differ among MPAs. To achieve **maximum effectiveness**, it is important to clearly define the MPA's **objectives and goals**, monitor **progress** and **include the different stakeholders** in the process.

References can be found in this paper! →



SCAN ME