

# FISHFOREVER

## INDONESIA



### Why Indonesia?

3<sup>rd</sup>

largest producer of wild-caught fish

54%

of Indonesians' animal protein comes from fish and seafood

60%

of fishers are small-scale (more than 1.6 million)

132 million

people live near vulnerable coastal areas along the second-longest coastline in the world

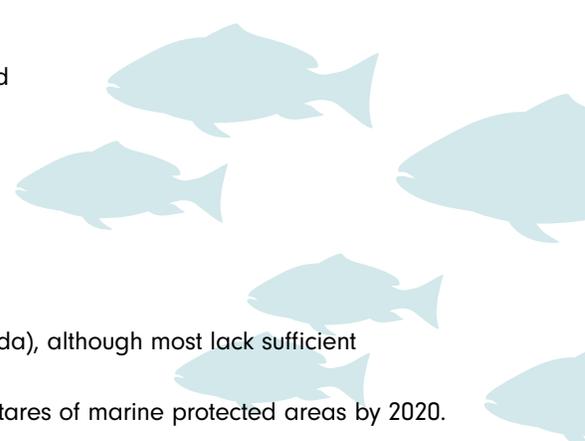
Largest

tracts of mangroves in the world and second-largest area of coral reefs

### The Opportunity

- There are 15.7 million hectares of marine protected areas (almost the size of Florida), although most lack sufficient management and enforcement.
- The Indonesian government has set a goal of effectively managing 20 million hectares of marine protected areas by 2020.
- Four-hundred-year-old Indonesian traditions support exclusive access (such as the Sasi system and awig-awig rules).
- In Wakatobi Marine National Park, in southeast Sulawesi, Indonesia, a fish recovery zone increased the density of grouper by 30 percent over a five-year period.

All Fish Forever countries have high marine biodiversity, important coral reefs and a strong community dependence on fisheries. The challenges and different fishery models specific to each will enable neighboring countries to more easily replicate Fish Forever successes.





## Record of Success in Indonesia

- Since 2010, Rare has partnered with local organizations in 20 Indonesian coastal regions to establish and strengthen fish recovery zones.
- The first 10 projects facilitated the final design and successful designation of 34 fish recovery zones covering a combined total area of 52,139 hectares.
- The estimated cost of implementing these 34 fish recovery zones was about \$0.54 per hectare.

### In Triton Bay, Bird's Head Seascope

- Historically feuding communities united to request the immediate declaration of four fish recovery zones.
- Awareness of the zones increased by 73 percentage points after only two years.
- The establishment of an effective patrolling system corresponded with post-campaign survey data showing a reduction in zone intrusions.
- Rare Fellow Wida Sulistyningrum, a Conservation International employee, made repeated visits to remote communities to empower them to properly manage their fisheries.

“The [fish recovery] zone declarations are a tribute to [Rare Fellow] Wida’s tireless efforts to develop strong community ownership over the management of their marine resources.”

- Mark Erdmann, Conservation International’s senior adviser for the Indonesia marine program

## The Future

Building on these successes, Fish Forever will achieve the following in the first five years:

- Implement (or in the process of implementing) exclusive access areas at 24 sites; and establish, train and activate local enforcement teams at those sites.
- Measurably increase fish biomass and abundance inside the fish recovery zones at project sites.
- Train 100 local government officials and leaders to build demand and political support for Fish Forever’s strategy.
- Improve the management of as many as 120 municipal marine protected areas.
- Create a significant Fish Forever-related benefit for local communities through higher fish-catch as well as higher catch value through marketability improvements.



# FISHFOREVER

A partnership of:



Fish Forever seeks funding partners who share a vision and commitment to recover important coastal habitat at scale. Together, we will catalyze a global movement of nearshore fisheries reform in the developing tropics.

[www.fishforever.org](http://www.fishforever.org)

February 2014