

Net-Works™

**Redesigning supply chains to
create sustainable and scalable
ocean solutions**

East Asian Seas Congress 2018

Iloilo City, Philippines

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Zoological Society of London - Philippines

Southeast Asia: Hotspot for plastic and overfishing

- **3.35 million artisanal reef fishers (50%+ of global total) live in Southeast Asia and depend on declining fish stocks**
- **Over 75% of the Philippines' fishing grounds are depleted, while the country is the third worst plastic polluter globally**
- **640 metric tons of fishing gear is abandoned in the ocean every year**
- **Most communities have no sustainable way of disposing of or recycling their used fishing nets**
- **Discarded fishing nets continue to kill and injure marine life (through phenomenon known as ghost fishing)**



Net-Works™ is a unique global partnership

Interface®

**World's largest
designer and maker
of carpet tile**

ZSL | **LET'S WORK
FOR WILDLIFE**

**Global
conservation
organization**

 **AQUAFIL**
Global

**Global producer of
Nylon 6 yarn**

UNITY:
redesign the
supply chain to
create positive
community and
ecological
benefit

Building on unique strengths to advance a common goal

Interface®

ZSL | **LET'S WORK
FOR WILDLIFE**

 **AQUAFIL**
Global

- development of initial program concept
- strategy building and seed funding for start-up of Net-Works sites
- business acumen
- use of global platform to promote the program
- Market for regenerated yarn

- strategic and local implementation
- building capacity of ZSL Philippines to undertake community organizing, support community banking, engendering local partnerships
- coordinating net collection, baling, and local transportation
- science-based conservation

- use depolymerization technology to turn waste fishing nets and other waste material into 100% ECONYL® regenerated yarn

The Net-Works™ Model: Simple and scalable

**Plastic.
Fish.
Poverty.
All inextricably interlinked.**

**Which is why we need
smart, scalable and
sustainable solutions
that address all three,
holistically.**

**This is what
Net-Works does.**



**Net-Works redesigns
global supply chains**
to reduce marine plastic,
replenish declining fish stocks
and improve the lives
of marginalised coastal
communities.

**We connect these communities
to global brands**
via a fair and inclusive business
model that delivers
**less plastic,
more fish.**

The Net-Works™ Model: Simple and scalable

Reducing plastic, replenishing fish and lifting coastal communities out of poverty. Supported by business model:

Creating efficient community-based supply chains

Apply the principles of fair trade and inclusive business to create efficient community-based supply chains for raw materials (currently nylon-6 and carrageenan) abundantly available in coastal communities.

Link them to conservation actions that reduce plastic pollution and replenish fish stocks.

Increasing incomes combined with behaviour change campaign reduces demand for single-use plastic sachets by increasing the accessibility of higher-volume packages in a given purchase

Selling raw materials into global supply chains

Target brands looking to source premium ingredients with a positive social and environmental story - sell raw materials into global supply chains

Provide fishing communities and conservation agencies with alternative income/revenue streams to break the boom and bust nature of donor dependence.

Together, this ensures the sustainability of bigger and better Marine Protected Areas that replenish fish stocks and increase resilience of coastal communities.

Managing local supply chains with new community banks

Set up community banks to manage the local supply chains, using Village Savings and Loan Associations (VSLA) methodology

The community banks are the 'social glue' at the heart of Net-Works. Banks bring communities together in informal cooperatives and give people much needed access to financial services.

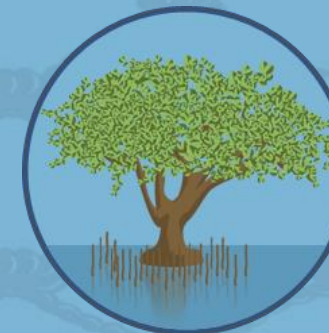
Impact to date



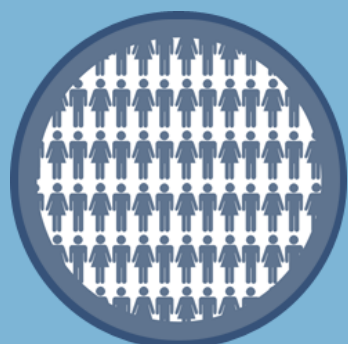
We work with **40**
local communities.



We have collected
208,240
kilograms of nets since
2012.



57.34
hectares of mangrove
forest is currently
under protection.



We have **63,529**
people benefiting from a
healthier environment.

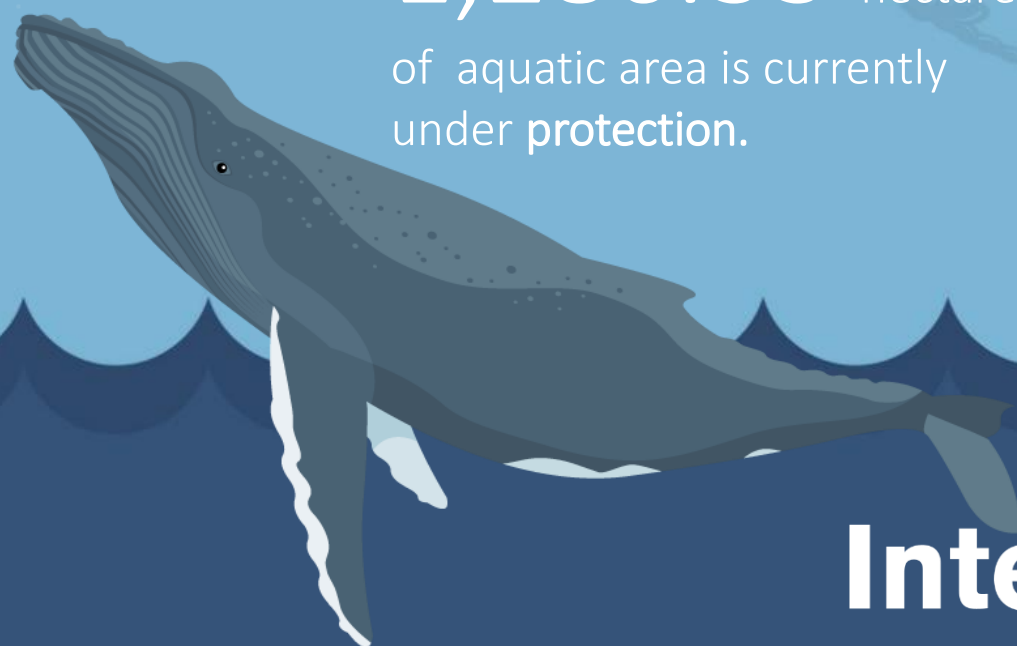


We have set up **97**
community banks since
2012.



2,204 people are in
Net-Works community
banks with access to
financial services and the
supply chain.

1,286.33 hectares
of aquatic area is currently
under protection.



Net-Works™

Global updates July 2018

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FOR WILDLIFE

Net-Works replication in Indonesia in partnership with
SeaNet Indonesia and Coral Triangle Center

Media recognition and awards

Net-Works™ has received prestigious international awards and been covered across global consumer, financial, industry and sustainability media including:



A photograph of three young children, likely of Pacific Island descent, smiling and holding up small, silvery fish. They are outdoors, with a clear blue sky and the ocean in the background. The child on the left is holding a fish high, the middle child is holding one up, and the child on the right is holding one up. The text "Thank you." is overlaid in the center.

Thank you.

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