



The future of the seafood industry for achieving SDGs in Southeast Asia and Africa

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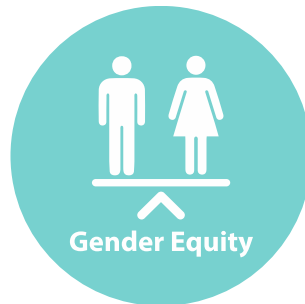


Why seafood/fish?

“ Fish is crucial to any debate and action to reduce poverty and improve food security and nutrition. ”



HLPE
High Level
Panel of Experts



Per capita fish consumption in 2015

World

Population: 7.1 billion
undernourished: 11 %



20 kg



Africa

Population: 1.1 billion
undernourished: 20 %



10 kg



ASEAN

Population: 0.6 billion
undernourished: 10 %



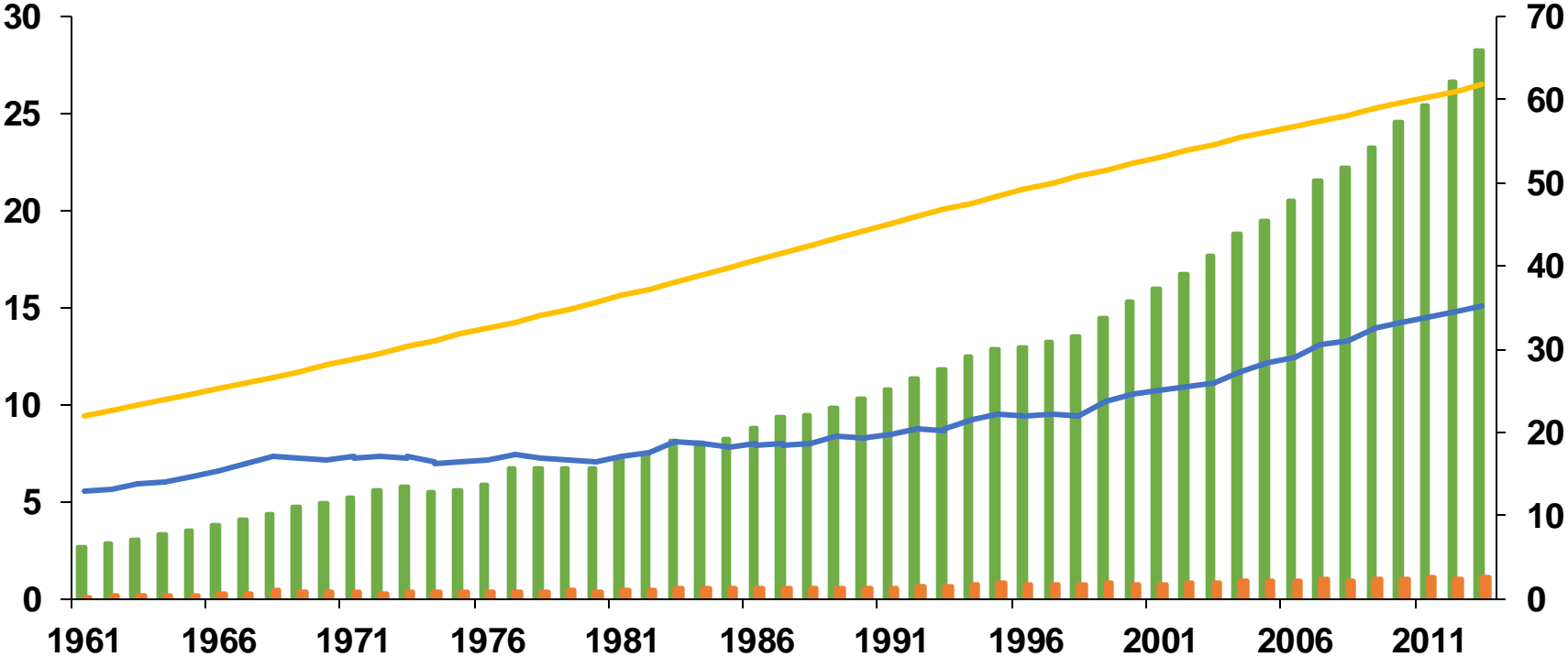
38 kg



ASEAN fish utilization and supply, 1961-2013

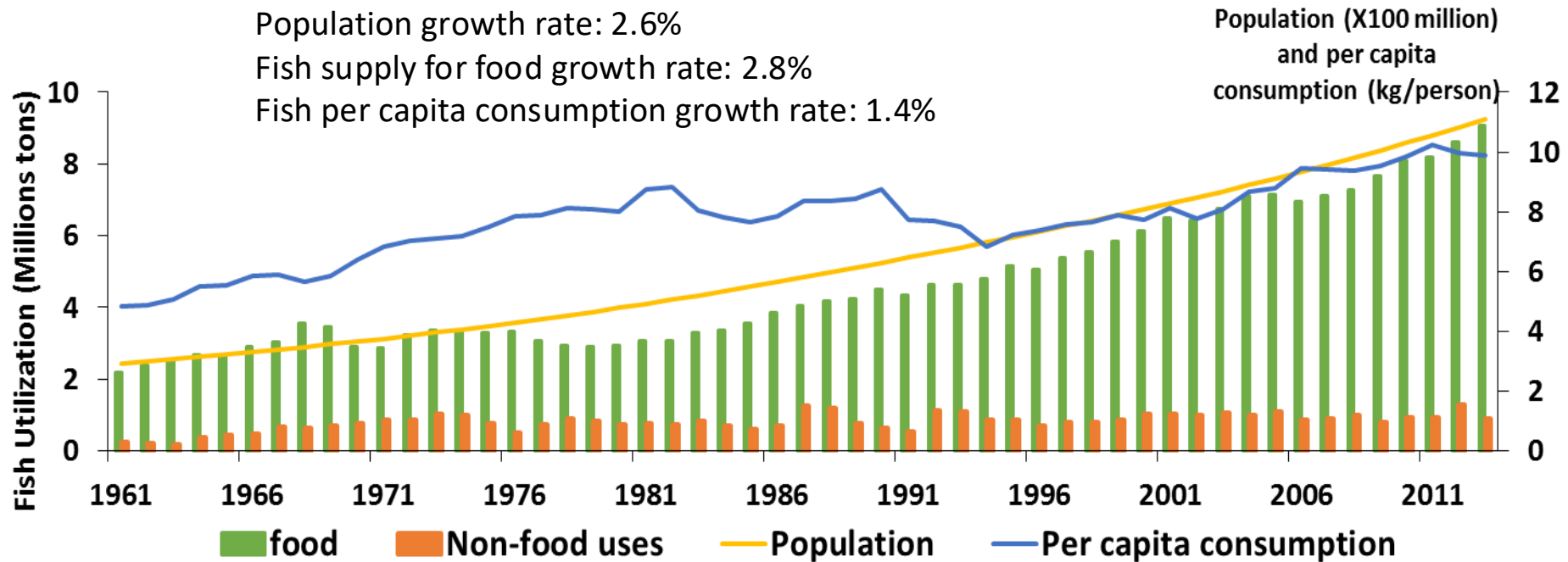
Fish Utilization (Million tons)

Population (x10 millions) and per capita consumption (kg/person)



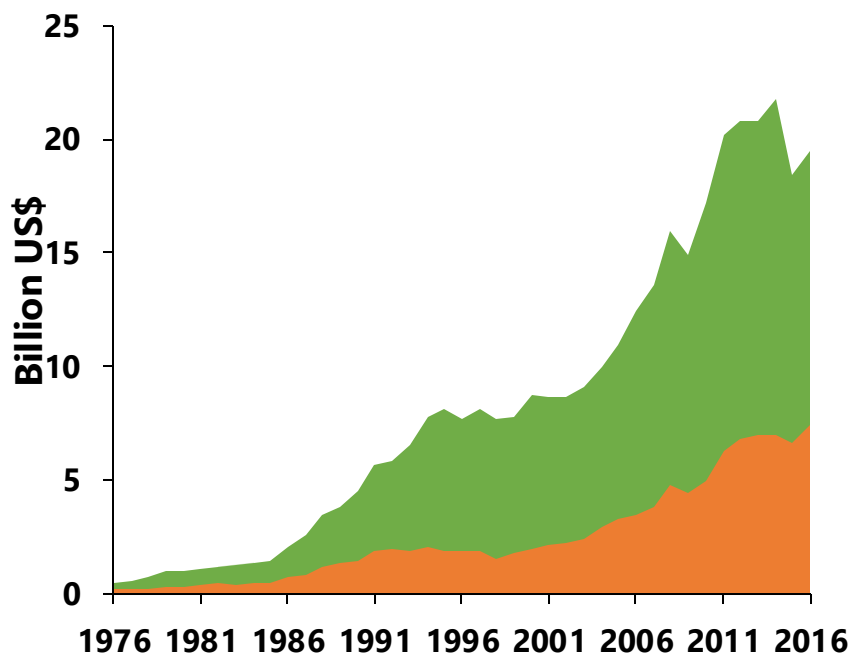
■ Food
 ■ Non-food uses
 — Population
 — Per capita consumption

Africa fish utilization and supply, 1961-2013

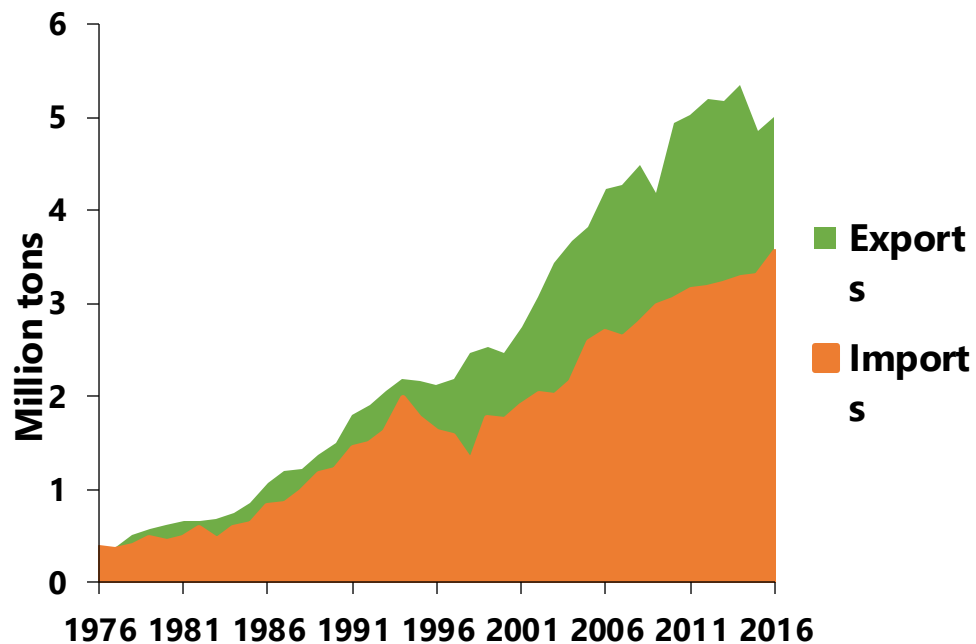


ASEAN net trade, 1976-2016

Value surplus



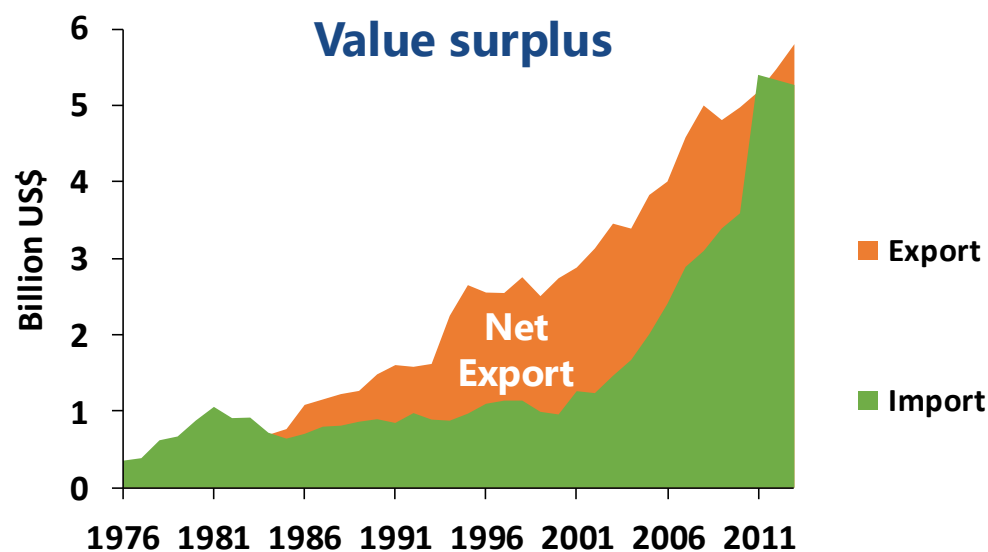
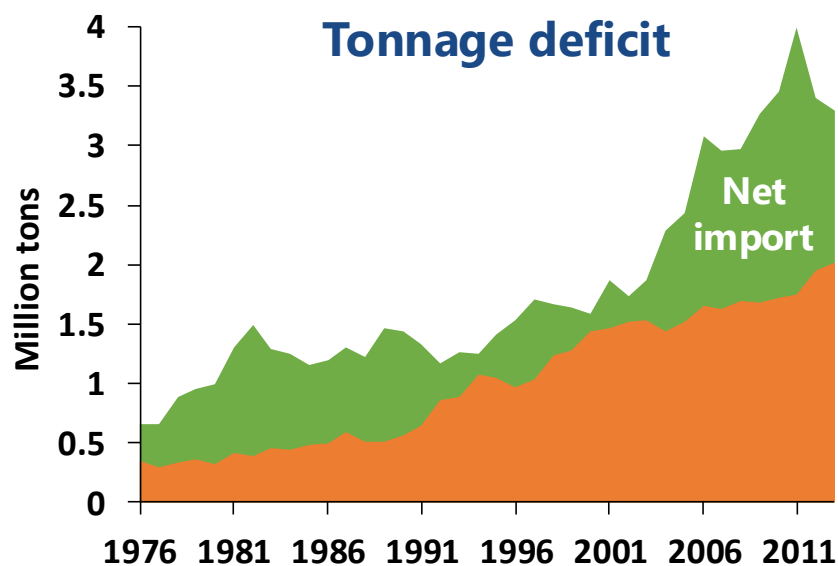
Tonnage surplus



Source: FishStatJ 2018

Increasing surplus in value and tonnage

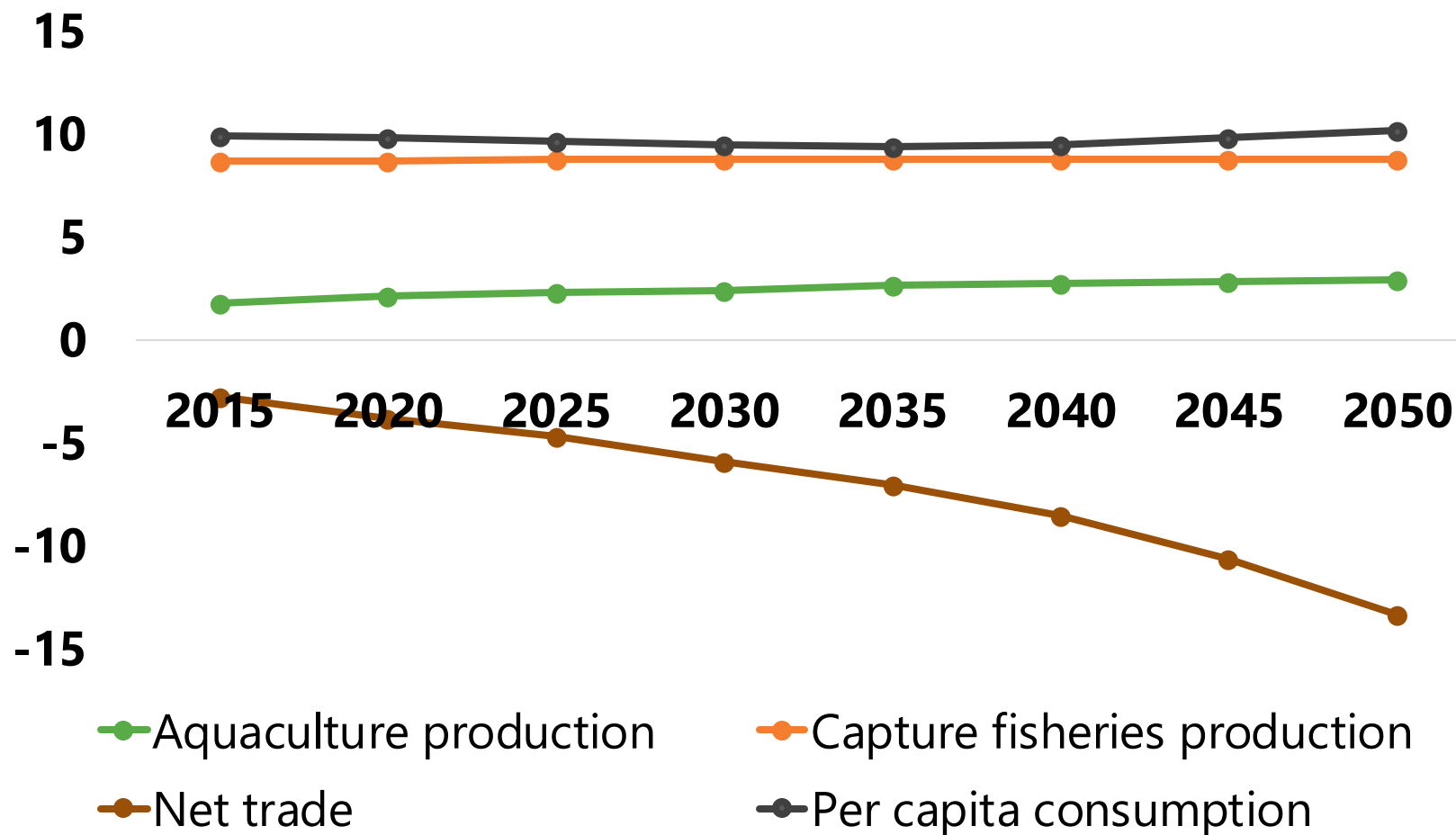
Africa net trade, 1976–2013



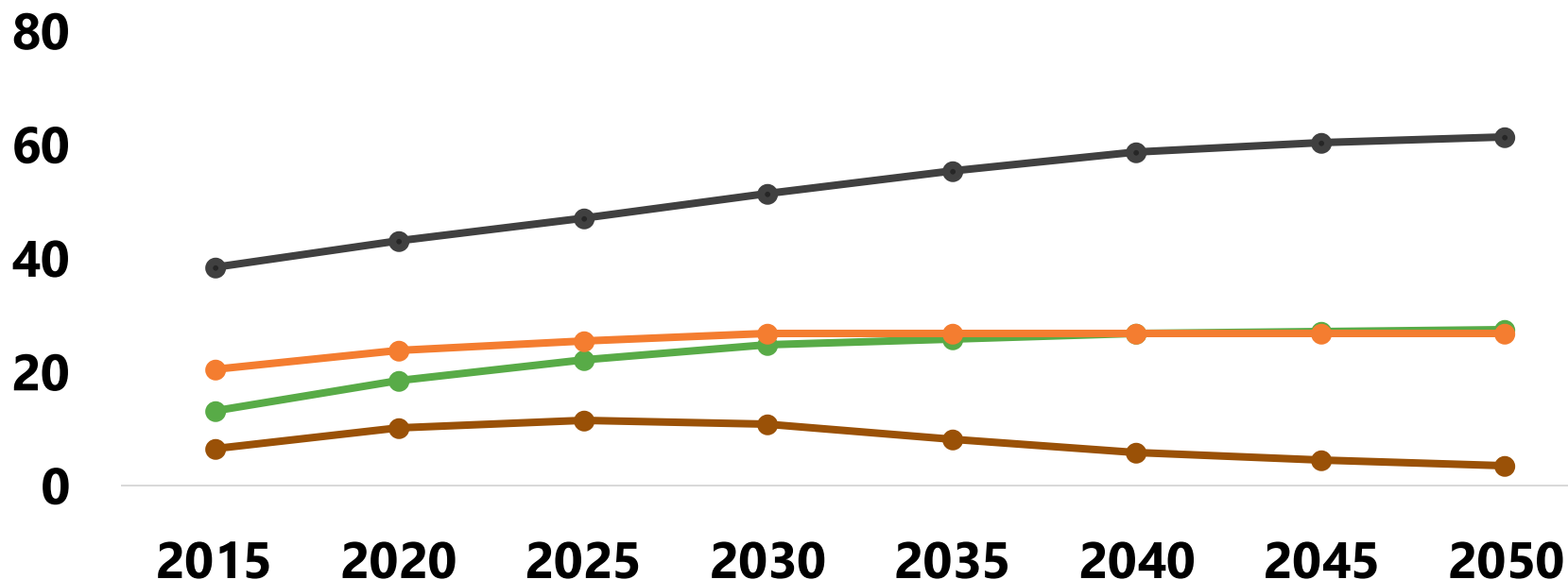
Africa **export** higher value fish, but **import** more lower value fish

Source: FAO, 2017

Projected Africa aquaculture, capture, net trade and per capita consumption from 2015 to 2050



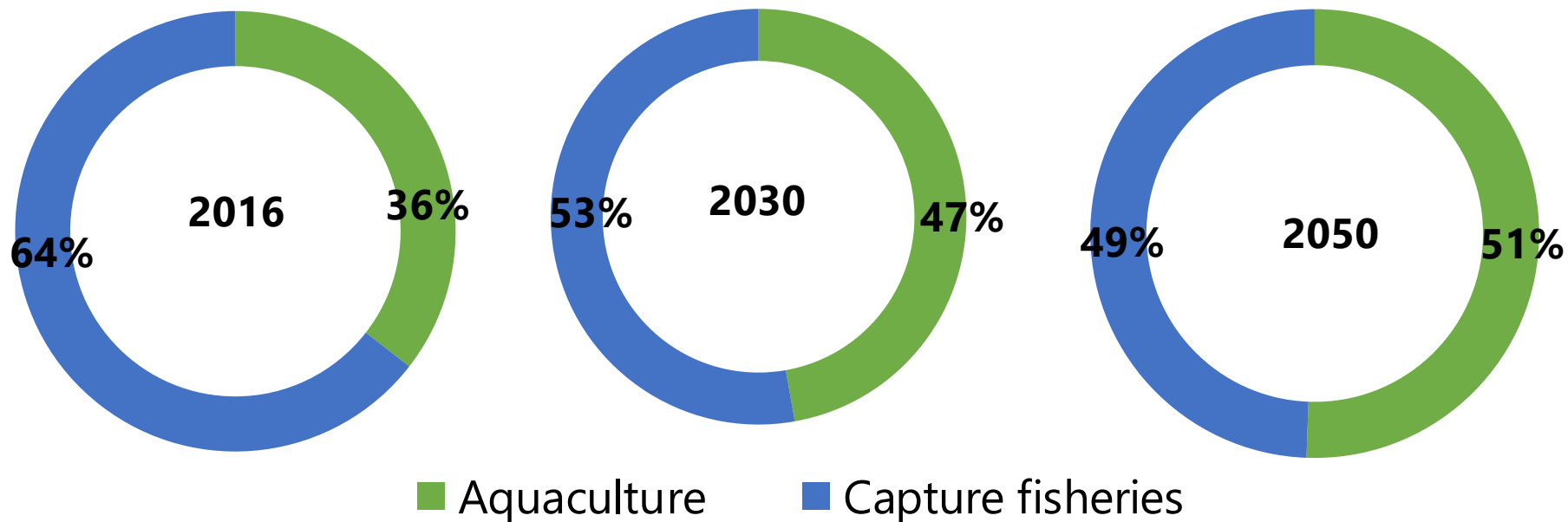
Projected ASEAN aquaculture, capture, net trade, and per capita consumption, 2015-2050



- Aquaculture production
- Capture fisheries production
- Net trade
- Per capita consumption

Projected share of aquaculture and capture fisheries production

ASEAN



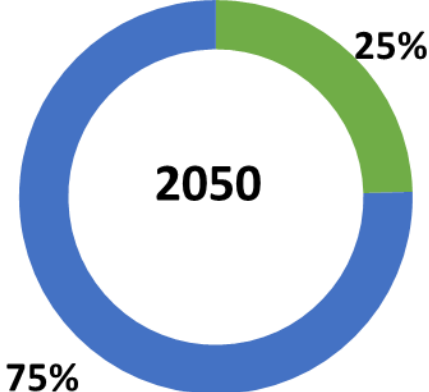
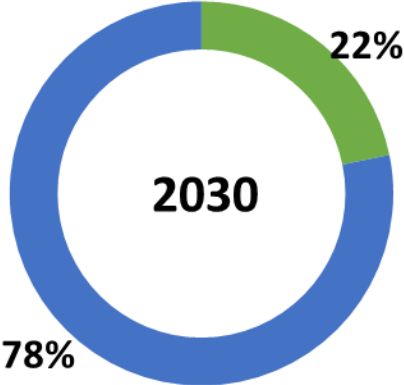
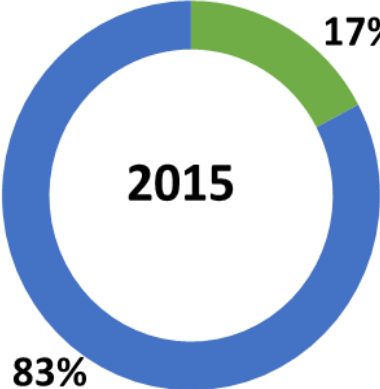
Total output: 29.1 million tons

Total output: 45.6 million tons

Total output: 48.6 million tons

Projected share of aquaculture and capture fisheries production

Africa



■ Aquaculture ■ Capture fisheries

SEAFOOD drivers of change and achieving SDGs (1)

Demand side:

- Population growth
- Increase income
- Changing dietary and eating habits
- Globalization

Supply side:

- Global climate change
- Technological change

Opportunities for achieving SDGs with the seafood industry

AFRICA

- GOAL 1: No Poverty
- GOAL 2: Zero Hunger
- GOAL 3: Good Health and Well-being
- GOAL 5: Gender Equality
- GOAL 14: Life Below Water

ASEAN

Conclusions from foresight modeling research

1. Seafood/fish industry offers opportunities for countries in Africa and ASEAN to achieving SDGs
2. Accelerate sustainable aquaculture growth
3. Sustain capture fisheries production
4. Transform fish production and consumption systems

Thank You

