



## I. Ensuring the sustainable management of the marine environment and its resources

#### I. a. Understanding oceans, seas and coasts

A clear and comprehensive understanding of the oceans, seas and coasts will enable APEC member economies to accurately assess their potential and to manage them appropriately. Actions to be taken (10):

- Ocean Observation and Data Collection Built capacity to conform to the FAO Strategy for Fisheries Status Trends Report and encourage members to provide information on impact of fishing;
- <u>Understanding the value of the marine sector</u> Study the market and non-market value of the marine environment and marine industries in the region, including by undertaking research, communication and information exchange on marine activities

### I. b. Managing the Marine Environment Sustainbly



Sustainable management of activities in the marine environment within the Asia-Pacific region should be aimed at improving the condition and productivity of marine and coastal ecosystems. Commitments to be taken (18):

- <u>Ecosystem-based Management</u> develop an agreed set of factors in defining marine ecosystem, then to establish a key set of variables to monitor and to assess changes in these ecosystems;
- <u>Marine Pollution</u> Encourage relevant APEC economies to reduce land-based sources of marine pollution, both domestically and regionally;
- Marine Invasive Species Continue to develop and implement the Regional Management Framework for APEC Economies for Use in the Control and Prevention of Introduced Marine Pests, specifically in the support of the establishment of a network and capacity building;
- <u>Coral Reefs and Other Vulnerable Areas</u> Improve the conservation of vulnerable areas

### J. c. Managing Living Resources Sustainably

Managing resources sustainably is an integral component of the process towards achieving a healthy and productive marine environment. Actions to be taken (15):

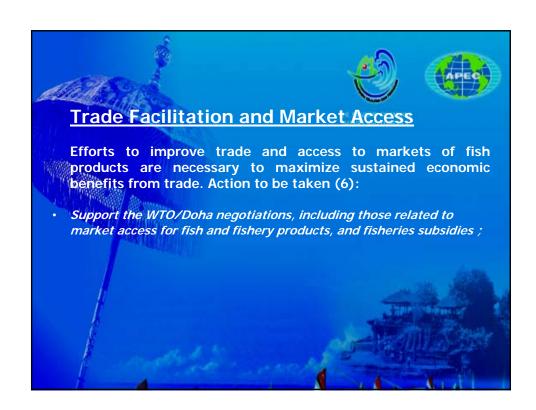
- International Fisheries Governance Increase the number of APEC economies that implement the FAO Code of Conduct for Responsible Fisheries, Strategy for Status and Trends, and International Plans of Action on Seabirds, Sharks, Fishing Capacity, and Illegal, Unreported and Unregulated (IUU) fishing;
- Sustainable Fisheries and Aquaculture Management Strengthen efforts to combat IUU fishing including by pursuing the use of atsea, port-state and trade-related measures, in accordance with international law, as key compliance tools, through APEC capacity building and sharing of best practices, and strengthen efforts to collaborate through MCS regimes and the MCS Network;

## II. Providing for Sustainable Economic Benefits from the Oceans

### Maximize Value from Use, Production and Harvesting

Economic sustainability depends not only on management for resource sustainability, but that economic value added for economies from the use of such resources is fully enabled. Action to be taken (8):

 Undertake further work to improve understanding and management of impacts of aquaculture on environmental sustainability, to secure consumer confidence in aquaculture products, an emerging issue both domestically and regionally, and to facilitate aquaculture's sustainable contribution to coastal communities, wild stocks and food security;



# III. Enabling Sustainable Development of Coastal Communities

#### Enabling Integrated Management

Working towards integrated coastal zone and watershed management to meet community needs while sustaining ocean health. Action to be taken (6):

 Develop outreach tools that would increase the awareness and engagement of coastal communities' in various functions such as monitoring and conservation of the coastal environment;

#### **Hazard Mitigation**

Increasing knowledge and the coordination of information is essential to improve the prediction of and preparation for hazards and climate extremes. Action to be taken (2):

 Increase coordination to fulfil responsibilities to implement the IOC's end-to-end tsunami warning system, including contingency planning;



