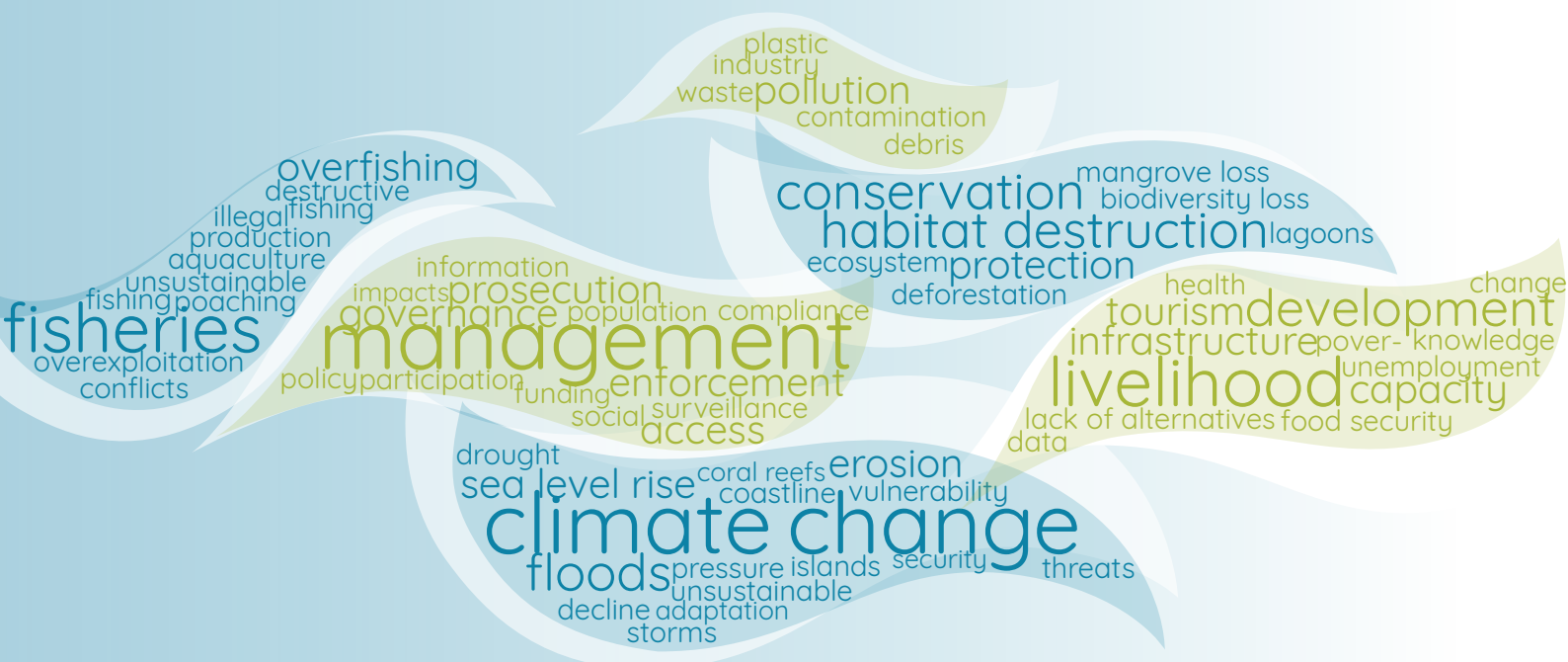
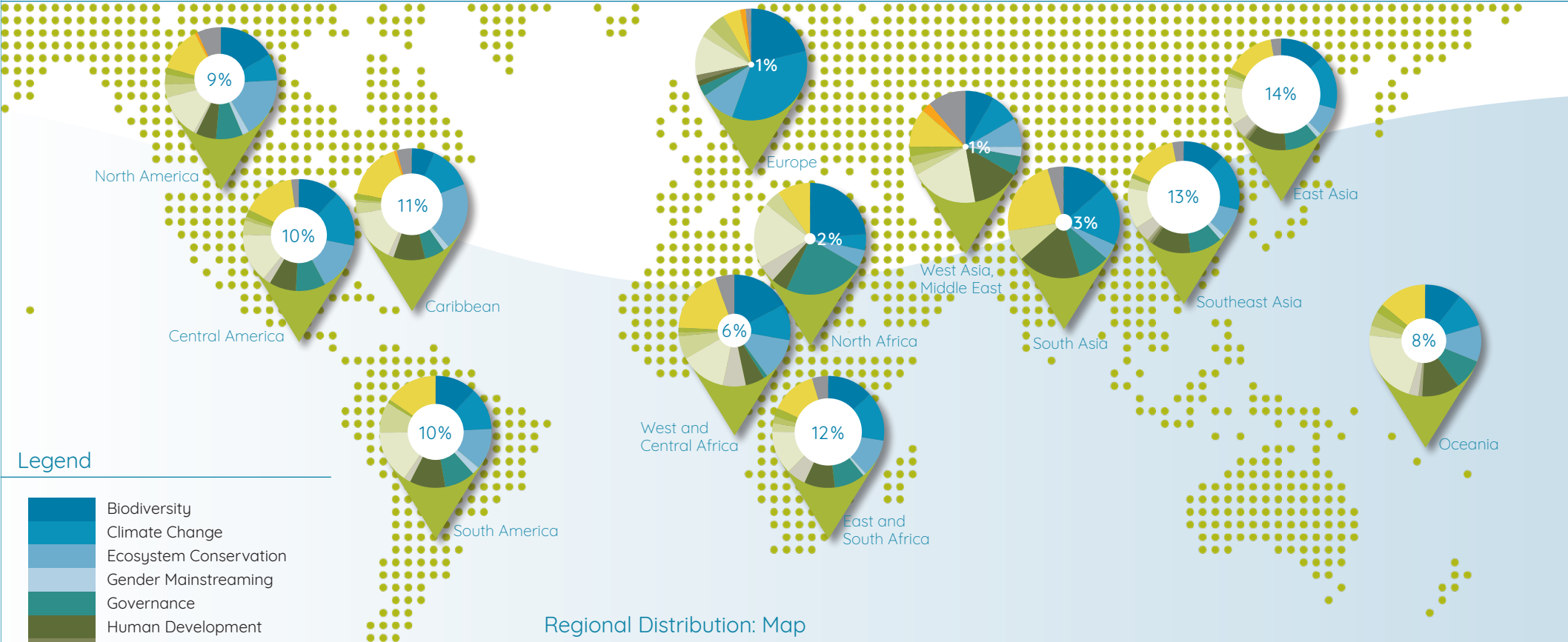


## Marine and Coastal Solutions

The marine and coastal portfolio comprises 175 solutions (as of 01/2018), that have been implemented by over 150 organizations (Governments, NGOs, Communities, Academia, Private sector) from more than 60 countries in a large variety of coastal and marine ecosystems. Their outcomes have supported the fulfilment of the **Aichi targets of the Convention for Biological Diversity** and the **Sustainable Development Goals of the Agenda 2030** and have addressed a wide variety of challenges.



PANORAMA: MARINE AND COASTAL SOLUTIONS

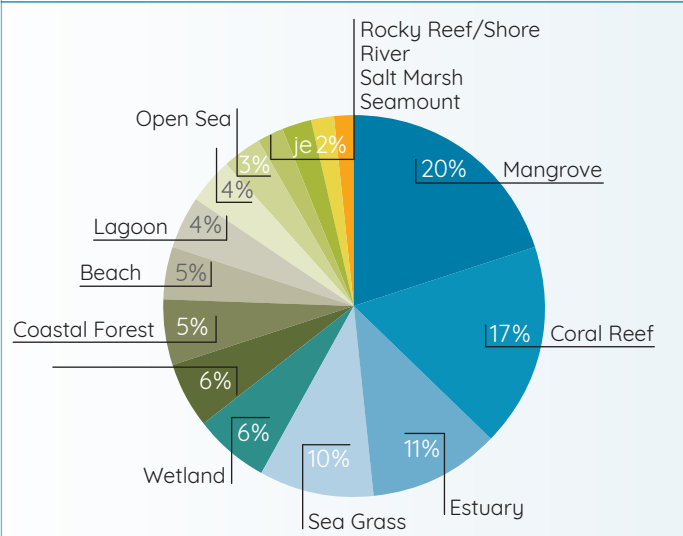


Regional Distribution: Map

The majority of the 175 marine and coastal solutions come from tropical and subtropical latitudes, reflecting the focus of the **Blue Solutions** project on developing and emerging countries. The Americas have the largest share (40%), with a fairly even regional distribution. Asia is second with 31%, with most solutions reported from Southeast and East Asia. African solutions comprise over 20% of the total, followed by Oceania with 8% and Europe with only 1%.

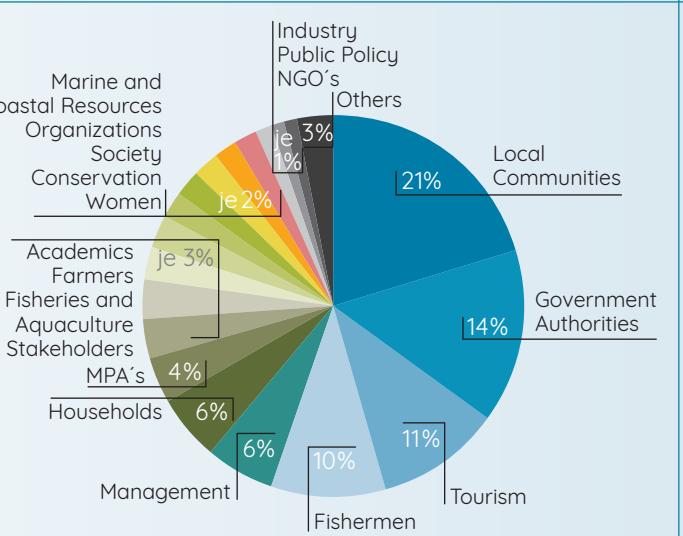
Most solutions addressed multiple themes. **Management Planning** and **Sustainable Resource Use** (each 15%) were most commonly named, followed by **Climate Change** and **Ecosystem Conservation** (each 13%), **Human Development** (10%), **Biodiversity** (9%) and **Governance** (8%). Together, these accounted for 75% of the total, reflecting the most important topics addressed in the marine and coastal realm.

Ecosystem Distribution



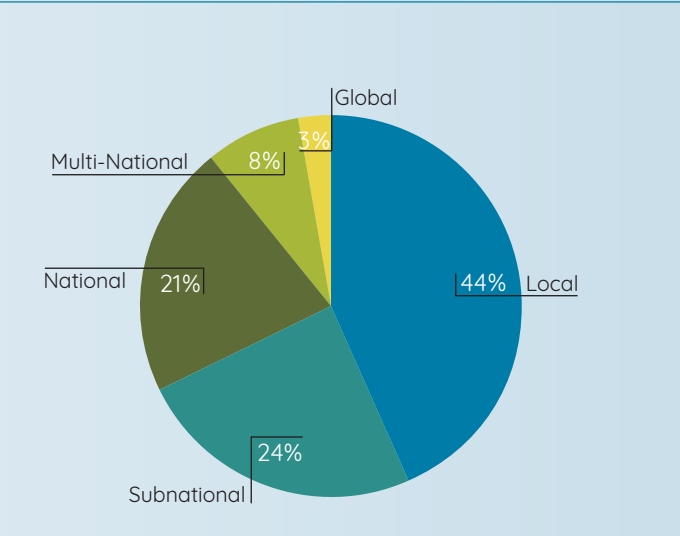
The marine and coastal solutions were reported from a wide variety of different ecosystems, with **mangroves** (20%), **coral reefs** (17%), **estuaries** (11%) and **sea grass beds** (10%) being the most important. Most solutions were from highly productive coastal ecosystems, reflecting their enormous value for humankind in terms of food security, economy and conservation.

Beneficiaries



**Local communities** were the most important beneficiaries (21%) reported for the marine and coastal solutions, followed by **government authorities** (14%), **tourism** (11%) and **fishermen** (10%). These four accounted for more than half of the total. Overall a large variety of beneficiaries were mentioned in the solutions, covering almost every imaginable stakeholder in the marine and coastal realm.

Implementation Scale



Local scale implementation of solutions had the largest share, followed by subnational and national implementation. However, 11% of all marine and coastal solutions were implemented at multinational or even global scales, and many were implemented at multiple spatial scales, for example local solutions that were implemented at the same time in several different countries.

Aichi Targets and Sustainable Development Goals (SDG's) Supported by the Marine and Coastal Solutions



About half of the marine and coastal solutions (86 out of 175) reported which **Aichi Targets** were supported through their work. The most important targets mentioned were targets 11 (Protected Areas: 12%), 14 (Ecosystem Services: 11%), 6 (Sustainable Management of Aquatic Resources: 10%), 1 (Biodiversity Awareness: 9%) and 10 (Reduce Human Impact: 7%). Together, these five targets made up about half of the total. All other 15 Aichi Targets were also supported through solution implementation, underlining the wide range of themes and challenges covered.

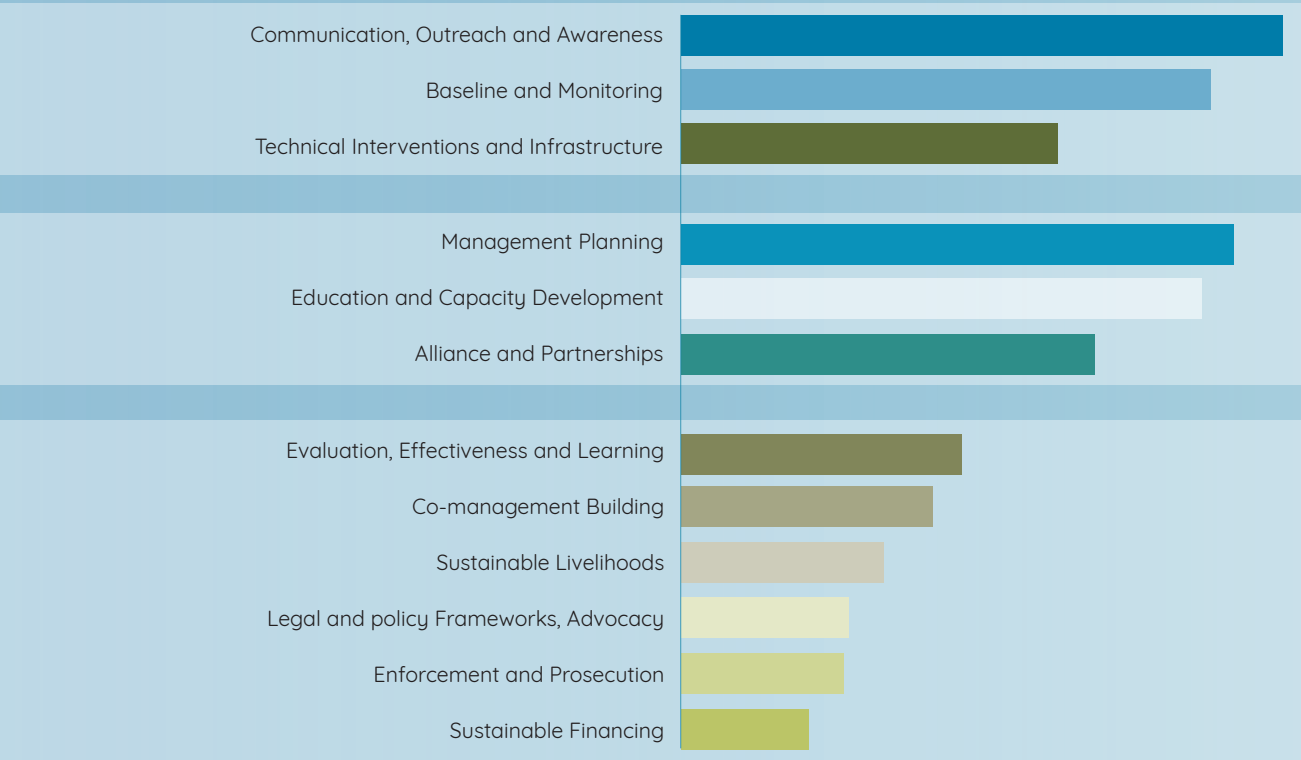


55 of 175 marine and coastal solutions reported to have supported one or more **Sustainable Development Goals (SDG)** through their implementation. **SDG 14-Life below Water** (23%) and **SDG 13-Climate Action** (16%) were named most often, followed by **SDG 12-Responsible Consumption** (8%), **SDG 15-Life on Land** (7%) and **SDG 1-No Poverty** (6%). All seventeen SDG's were reported at least once, demonstrating the broad range of themes and challenges covered by the marine and coastal solutions.

Building Block Occurrence and Grouping

Five themes made up over 60% of the total in the building blocks of marine and coastal solutions: Communication, Outreach and Awareness was the most important BB-theme (14%), followed by Management Planning (13%), Baseline and Monitoring (12%), Education and Capacity Development (12%) and Alliance and Partnerships (10%). This clearly demonstrates the important role of these processes for successful solution implementation.

The division into three groups shows how often different BB-combinations occur together. One group comprised the BB-themes Communication, Outreach and Awareness, Baseline and Monitoring and Technical Interventions and Infrastructure. A second group consists of Management Planning, Education and Capacity Development and Alliance and Partnerships. The remaining six BB-themes were not named as often and comprise a third, lesser defined group. However, each context and challenge is very specific and a potential solution needs to be adapted to the specific conditions. The groups mentioned here should therefore not be used as a standard for developing new solutions.



Building Block Order



Certain BB-themes appeared more frequently at different stages of solution implementation. For BB1 Baseline and Monitoring was most common, in BB2-Management Planning and in BB3-Education and Capacity Development. Communication, Outreach and Awareness was the most important theme for BB4 to BB6. While building block sequence does not always represent the chronological order during solution implementation, the analysis clearly shows a logical sequence from gathering information to planning, capacity development and communication for the marine and coastal solutions on PANORAMA.