Blue Solutions for Marine and Coastal Biodiversity Conservation

James Hardcastle & Marie Fischborn
IUCN Global Protected Areas Programme

‘Nature-Based Solutions in a BiodivERsA context’
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Blue Solutions ... is a global cooperation on marine and coastal biodiversity implemented by GIZ, IUCN, UNEP, GRID-Arendal, and other partners.
Blue Solutions ...

is a contribution to the implementation of the **Aichi Biodiversity Targets** of the CBD Strategic Plan 2011 to 2020 in particular related to marine and coastal environments
Blue Solutions ...

works in close collaboration with bilateral, regional and global projects by interested partners
Blue Solutions Conceptual Framework

Integrated Coastal Zone Management

Marine and Coastal Protected Areas

Marine Spatial Planning

Ecosystem-Based Adaptation and Mitigation

Integrating Ecosystem Services

Sustainable Financing
Blue Solutions …

are tools, methods, processes and approaches that work and inspire action, and

<table>
<thead>
<tr>
<th>...have an impact</th>
<th>Applied solutions with demonstrated impact</th>
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<tr>
<td>...are inclusive</td>
<td>Solutions address development and conservation challenges</td>
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<tr>
<td>...are scalable</td>
<td>Solutions with potential for upscaling or replication</td>
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Blue Solutions provides …

an open-architecture **global platform** to

- **collate and share knowledge** on proven and inspiring solutions
- **to enhance capacities** for scaling up success
• **Identify** *Blue Solutions* and **promote their use and novel adaptation** to new contexts

• **Connect** and **convene** *Blue Solutions* actors

• **Demonstrate action** to achieve *Blue Solutions*

• **Provide learning opportunities** on *Blue Solutions* themes

• **Support policy processes** to facilitate *Blue Solutions*
Solutions & Building blocks

A solution is…
a complex system of tools, technologies, frameworks, and processes that are applied to discrete challenges.

Building blocks are…
the tools, technologies, frameworks, and processes that comprise solutions.
Integrating Blue Solutions into a larger effort: Partnering with the Resilience Exchange Initiative

• A partnership initiative of 10 organisations,
• rewards active sharing of applied solutions and novel adaptation of solutions to new challenges
• focus on owners of solutions; help evolve new and existing learning networks through focus on success and positive examples
Blue Solutions Exchange – Approach:

1. Rigorous documentation of how solutions work

2. Deconstruct solutions into component building blocks

3. Combine and adapt building blocks to address new challenges

4. Share new solutions and learnings
The Blue Solutions template

- allows identification of underlying context, building blocks, success factors, challenges and beneficiaries of the solution

- First template version and initial set of solutions is available online at http://bluesolutions.solutionbuilder.org/ (prototype web platform!)
IUCN’s work in the Blue Solutions Initiative

• Global Protected Areas Programme & Global Marine and Polar Programme, in collaboration with regional offices and projects

• Contributing to the documentation of methods and tools applied, the synthesis of experiences, good practices and lessons learned and the compilation in suitable formats.

• Focus on Marine and Coastal Protected Area Management and Governance
Case Study Solutions – Marine Protected Areas

- Name of Solution: Developing an MPA Learning Site
- Site: Nusa Penida MPA, Bali, Indonesia
- Provided by: Coral Triangle Center (CTC)
- Overview:

CTC, working in the Nusa Penida Islands addressed the lack of formalization of natural resource management and inadequate protection of marine biodiversity by developing an MPA learning site. The learning site shared success stories and challenges on MPA establishment and management processes, and has forged a strong and successful alliance amongst local stakeholders.
Developing an MPA Learning Site

- **Building blocks:**
  - Baseline data collection
  - Consultative development of zoning and long-term management plan,
  - Sustainable financing mechanism through marine tourism entrance fee
  - Collaborative management, involving all stakeholder groups
  - Ecological restoration
  - Marine eco-tourism development
  - Sharing experiences to support other sites
Case Study Solutions – Marine Protected Areas

• Name of Solution: The community-led Ridge to Reef Protected Area Network (Lauru PAN)

• Site: Lauru (Choiseul) province, Solomon Islands

• Provided by: Lauru Land Conference of Tribal Community

• Overview:

The Lauru Ridges to Reefs Protected Area Network (Lauru PAN) in Choiseul Province, Solomon Islands, is the first cohesive network of locally managed marine areas in Melanesia. It was established through a community-led process, guided by a conservation plan and facilitated by LLCTC and the Choiseul provincial government, resulting in better protection of marine resources and legal security over access rights.
The community-led establishment of the Laru Ridges to Reefs Protected Area Network (Laruu PAN)

- **Building blocks:**
  - A *conservation plan combining local and scientific knowledge* is a tool that serves as guidance and foundation for the LMMA network and helps deciding which community requests are served first.
  - The *consultative establishment of individual sites and synchronization with the conservation plan* is a process that ensures that new sites are established to best meet community and conservation needs.
  - **Coordinated and continuous monitoring of the sites**
  - **Continued collaboration between all stakeholders after the site establishment**
  - **Overseeing of implementation of the network** through an environment and conservation committee
  - **Support in developing alternative livelihoods** – e.g. eco-tourism development, project and sustainable timber harvesting
Regional Forum on Solutions for Oceans, Coasts and Human Well-Being in Asia and the Pacific (held in Cebu City, Philippines, 27 – 30 May 2014)

- Organized by Blue Solutions partners, supported by Philippine Government
- Convened around 100 development and conservation practitioners from 18 countries
- Sharing knowledge around successes and lessons learnt in marine resource management, discussing transferrable approaches and their components (“building blocks”)
World Parks Congress
12–19 November 2014
Sydney Australia
Way forward for Blue Solutions

• Introducing the solutioning approach at Convention on Biological Diversity (CBD) technical meetings, June 2014
• MPA Governance training workshop in Bali, Indonesia, Sept 2014
• Refining solutioning approach in terms of:
  • Quality – Quantity
  • Level of detail of building blocks
  • Language and audience

• World Parks Congress
  • Full rollout, integration of Blue Solutions with Congress theme of ‘inspiring protected area solutions’
Thank you!

http://bluesolutions.info/

http://iucn.org/bluesolutions/

Contact:

JAMES.HARDCASTLE@IUCN.ORG - project lead for IUCN
MARIE.FISCHBORN@IUCN.ORG - project solutions coordinator