



BLUE SOLUTIONS



On behalf of



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety

of the Federal Republic of Germany

Marine and Coastal Biodiversity

Harald Lossack
GIZ

Committed to Biodiversity and Sustainable Development

- As a federal enterprise, GIZ supports the German Government and other donors in achieving their objectives in the field of **international cooperation for sustainable development**
- The conservation of biodiversity for the benefit of the poor is **one of the priority areas of German development policy**
- GIZ projects take the **CBD Strategic Plan** as their guiding principle and aim to contribute to its implementation and to **integrate biodiversity and human well-being**
- German funding for international biodiversity conservation has more than tripled compared to 2007 with at least **500 Mio.€ annually** as of 2013



Nature-based Solutions to Development Needs

Natural resource management for provision of ecosystem services and local economic development, for example:



- **Ecosystem-based Adaptation (EbA):**
mainstreaming adaptation to climate change into development planning;
specific EbA activities (40 EbA related GIZ projects)
- Development-oriented nature conservation: **protected area management** and buffer zone development; co-management
- Sustainable **forest management**
- **Biodiversity conservation:** TEEB; integrating ecosystem services into development planning
- **Watershed management**



Marine and Coastal Biodiversity: A Key Priority of the German Government and GIZ



GIZ implements a **growing portfolio** of marine and coastal biodiversity projects

Example: Diverse mangrove ecosystems for coastal protection in the Mekong Delta of Viet Nam

- Mangrove rehabilitation and diversification as part of an **ecosystem-based coastal protection strategy**
- At high erosion sites: **T-shaped bamboo fences** reduce the wave energy and increase the sedimentation as a precondition for mangrove rehabilitation
- **Cost-effective** and **low-tech protection measures** which are built using local materials and decompose naturally



Example: Community-based ecosystem approach to fisheries management in Micronesia

- **Management of fisheries**, within an **ecosystem context**, by **local communities** working with government and other partners
 - Through community participation:
 - Improve community awareness on adverse impacts of climate change
 - Maximize opportunities for communities to adapt to social, economic and environmental changes
- Improve **resilience of marine ecosystems and the livelihoods of people** depending on them





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Coordinated by GIZ and implemented in direct partnership with GRID-Arendal, IUCN and UNEP

Works in close collaboration with global, regional and national marine and coastal biodiversity projects of the four implementing partners





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BLUE SOLUTIONS

provides a **global platform** to collate, share and generate **knowledge** and to **enhance capacities** for conservation and sustainable use of marine and coastal biodiversity

- **Identify, develop and promote** *Blue Solutions*
- **Demonstrate** action to achieve *Blue Solutions*
- **Connect and convene** *Blue Solutions* actors
- Support **policy processes** to facilitate *Blue Solutions*





BLUE SOLUTIONS

are **approaches that work and inspire action** for conservation and sustainable use of oceans and coasts.

These Blue Solutions will be **evidence-based** – exemplified through (good practice) experiences, related to:

- Methods and tools for sustainable management
- Good governance / Co-Management
- Knowledge exchange
- Upscaling
- ...





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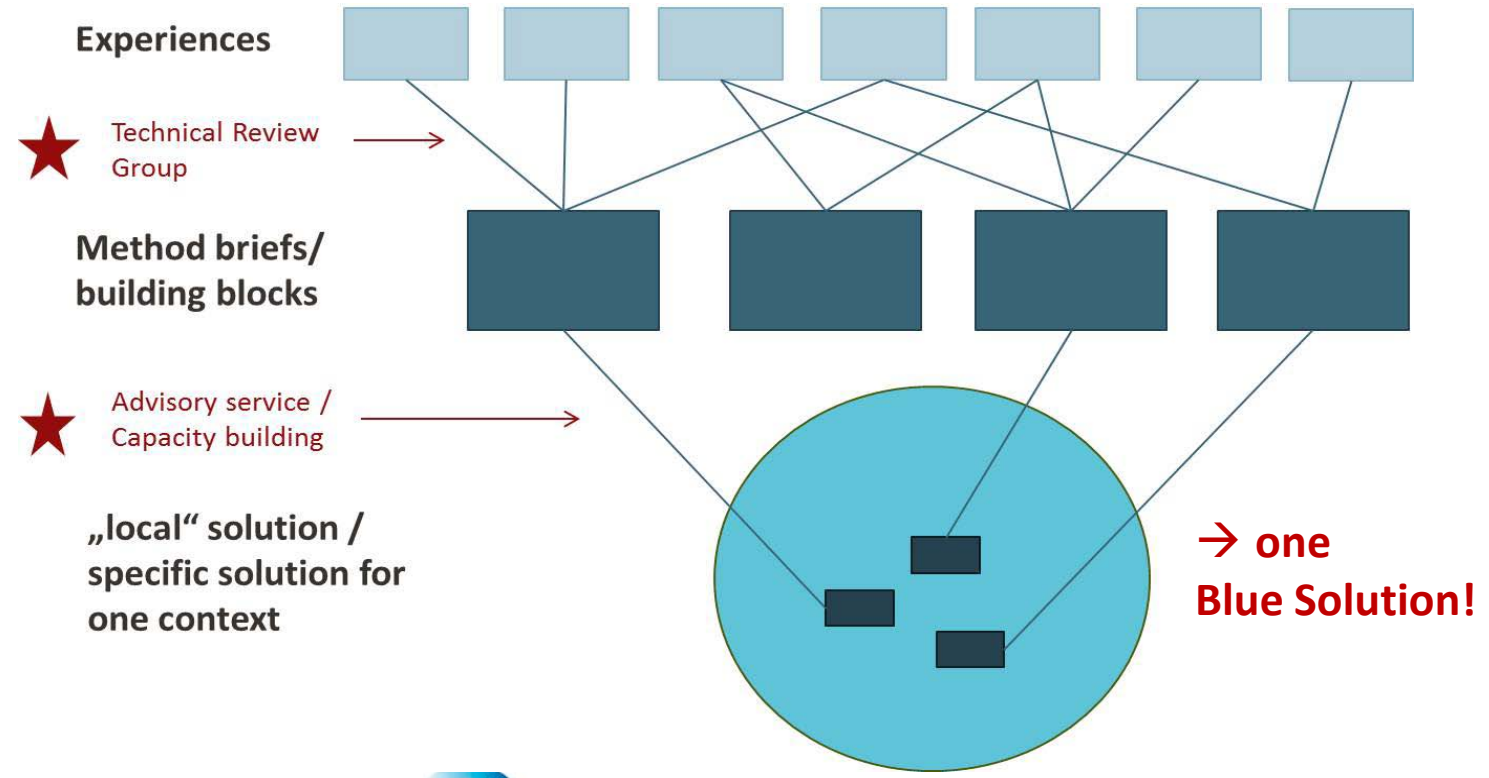
From experiences to solutions...

1. Collate and synthesize **experiences**
2. Distil **building blocks** – based on experiences
3. Combine and adapt components to design **local solution**, specific to context and needs





From experiences to solutions...



Thank you for your attention!

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