

PANORAMA - *Solutions for a Healthy Planet*

learning from each other's successes on ecosystem-based adaptation

Adaptation Futures 2018 | Wednesday 20 June 8.00-9.00 | Room 2.64



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Why focus on what works?



The solutions format



385 solutions

1073 building blocks

PANORAMA Solutions ...

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

- have an impact
- are scalable
- address development challenges in an integrated manner

Share and exchange on solutions

Communications:

- Newsletter
- Publications
- Social media
- Webinars

Online platform



Vedharajan Balaji hat deinen Beitrag geteilt.
4. Februar · 🌐

Our project in IUCN Panorama Solutions



SOLUTIONS FOR A HEALTHY PLANET

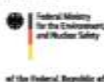
Welcome to the PANORAMA
Solutions for a Healthy Planet webinar!

Do Data or Desires Drive MSP?

Partnered by



On behalf of:



of the Federal Republic of Germany



PANORAMA SOLUTIONS

14

3 Kommentare · 🌐

👍 Gefällt mir · 💬 Kommentieren · ➦ Teilen



Adaptation Community @Adapt_Community · 27. Dez. 2017

Did you know that cities can adapt to #climatechange? Check out the #EbASolution of the week! @stuttgart_stadt is an example to follow here: bit.ly/2nc6ZuE

🌐 Original (Englisch) übersetzen



🔍 Suchen · 🌐 Sprache · 🌐 Thema · 🌐 Filter · 🌐 Einstellungen

Original version

Published

Green aeration corridors in
Stuttgart City

STUTTGART

to International
Community of Stuttgart



One of the best of the world's green aeration corridors in Stuttgart
© Aerial photograph Stuttgart, Germany, 2017, 2018, 2019

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The PANORAMA partnership

A joint initiative...

PANORAMA

SOLUTIONS FOR A HEALTHY PLANET



Development Partners:

On behalf of



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety

of the Federal Republic of Germany



...with thematic communities

Protected areas
212 Solutions



Marine and coastal
172 Solutions



Ecosystem-based Adaptation
85 Solutions



Agriculture and biodiversity
28 Solutions



Some “solution providers”



Lauri Land
Conference of
Tribal Community



Community
Conservation



GREATER
LONDON
AUTHORITY



CONSERVATION
INTERNATIONAL



Portals | All / Explorer | Protected areas | Marine and coastal | **Ecosystem-based Adaptation** | Agriculture and biodiversity

[About the coordinator of this thematic community](#) +

Ecosystem-based Adaptation Solutions

Explore 82 Solutions



Solutions

Building Blocks

Search solutions

Region ▾ Ecosystem ▾ Theme ▾ Type ▾ Governance ▾ Hazards addressed ▾

82 Solutions



Full Solution

Applying Ecosystem-based Disaster Risk Reduction (Eco-DRR) for the sustainable and resilient development



Full Solution

Resilient management of water and soil resources in Burundi

by Vincent Hornsperger



Full Solution

Nile River Basin transboundary wetlands conservation

by Leonard Akwany



Full Solution

Developing sustainable landscapes in grasslands of South Africa

by Sarshen Scorgie



<https://panorama.solutions/en/portal/ecosystem-based-adaptation>

Thematic
Portals

Explore
Solutions

Contribute
Solutions

246
Panorama
Solution

230
Solution
Providers

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Explore Solutions

Search Solutions

Latest Solutions



Full Solution

Ecosystem-based adaptation

Developing sustainable
landscapes in grasslands of
South Africa

by Sarshen Scorgie

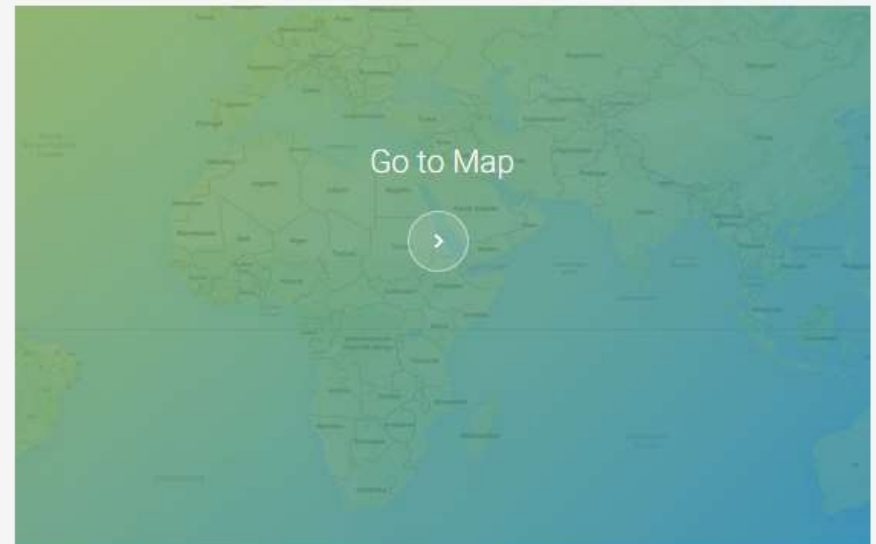


Full Solution

Ecosystem-based adaptation

Green façade for heat wave
buffering on a public
administration building in
Vienna

Explore Solutions on the Map



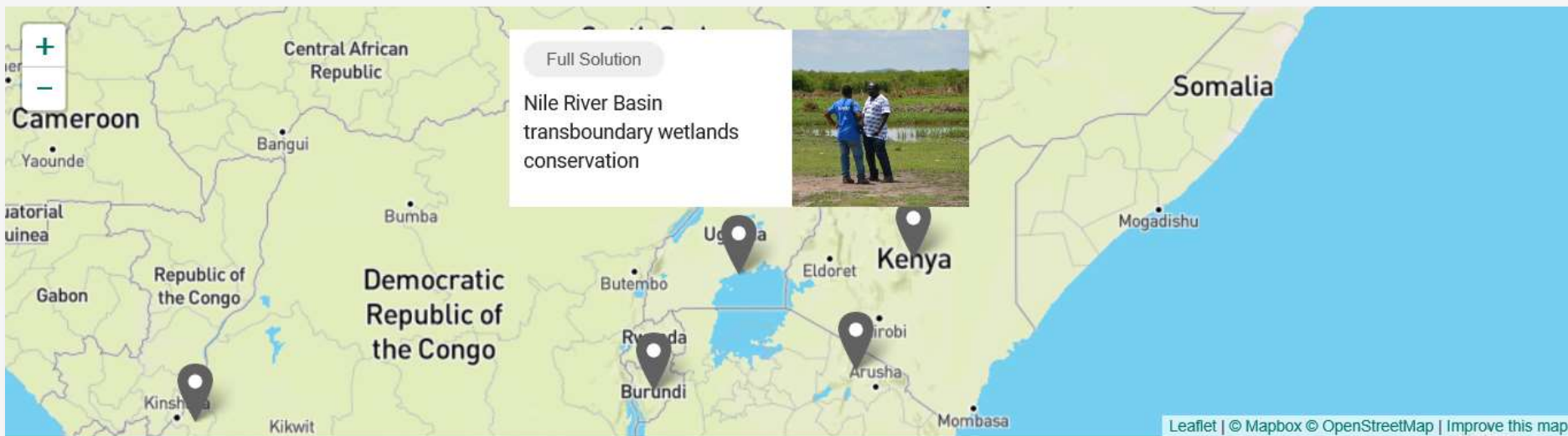
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85 solutions



Sort by Last edited ▼



Developing sustainable landscapes in grasslands of South Africa

by Sarshen Scorgie

Green façade for heat wave buffering on a public administration building in Vienna



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Region ▼ Ecosystem ▼ Theme ▼ Hazards addressed ▲

Hazards Addressed

- ☐ Desertification
- ☐ Drought
- ☐ Erratic rainfall
- ☐ Extreme heat
- ☐ Floods
- ☐ Glacial retreat
- ☐ Increasing temperatures
- ☐ Land and forest degradation
- ☐ Loss of biodiversity
- ☐ Ocean acidification

85 solutions

Full Solution

Cuatrociénegas:
Restoring the

Full Solution

Resilient rural
livelihoods through

Last edited ▼

pen
s-based

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Region ▼

Ecosystem ▼

Theme ▼

Hazards addressed ▲

Hazards Addressed

Full Solution

Restoration, expansion and conservation of wetlands and mountain pastures and community-based management of native grasslands in Miraflores



by [Florencia Zapata](#)
[The Mountain Institute](#)



Taller agrostológico Miraflores Yanacancha

© Fuente: Instituto de Montaña






Cuatrociénegas:
Restoring the

Resilient rural
livelihoods through

☐ Ocean acidification

pen
s-based

Classifications

Region	Southeast Asia
Scale of implementation	Subnational
Ecosystem	Estuary Freshwater ecosystems Marine and coastal ecosystems River, stream
Theme	Adaptation Disaster risk reduction Erosion prevention Flood management Traditional knowledge Water provision and management Watershed management
Hazards addressed	Drought Floods Loss of biodiversity
Sustainable development goals	  
Aichi targets	 
Sendai Framework	Target 2: Reduce the number of affected people globally by 2030 Target 3: Reduce direct disaster economic loss in relation to GDP by 2030
(I)NDC Submission	<u>contribution to priority number 1 under the adaptation component: Promote and strengthen Integrated Water Resources Management (IWRM) practices to</u>

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Search solutions

Building blocks

1

Vulnerability assessment of the protected area

2

Identification of EbA measures

Read More



How do the building blocks interact?

Three building blocks (BB) form part of the foundation of the EbA measure. The vulnerability and impact

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Contribute Your Solution

Full Solution

A detailed account

[Contribute Full Solution](#)

[What is a "Full Solution"](#)

Snapshot Solution

A short overview

[Contribute Snapshot Solution](#)

[What is a "Snapshot Solution"](#)

How do the building blocks interact?

Three building blocks (BB) form part of the foundation of the EbA measure. The vulnerability and impact

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Create new solution

Overview

Challenges and
beneficiaries

Categories

An inspiring story

What are the
solution's building
blocks

How do the
building blocks
interact?

Preview

Overview

Portal *

- Select a portal -

Title *

Location

Location on the map *

Please name the place, country or region of implementation of your solution.

Voices from solution providers

"I enjoyed figuring out how to encapsulate 23 years of experience."



"I do hope it is useful for others, I actually enjoyed writing it and synthesizing the experience. Thanks for the chance."



"This was such a great opportunity for me to share my solution – no one has asked me to do this before."





Ecological participative restoration of mangrove ecosystems in Ciénaga de la Virgen (Cartagena, Colombia)



MINAMBIENTE



Cartagena
Competitiva y
Compatible
con el Clima

Felipe Gómez Villota
GIZ – Colombia
June 2018
Cape Town, South Africa

Summary



- The Mayor's office, the Botanical Gardens, local NGO's and communities are working with the support of the Regional EbA Program in the **implementation of pilot projects for the restoration of mangroves in particularly vulnerable areas** of the coastal lake of Ciénaga de la Virgen. These activities are part of the city's climate change plan (Plan 4C) and the national framework for (ecosystem-based) adaptation of Colombia's Climate Change Policy.



Building Blocks

1

Alignment of activities with the existing national and subnational framework for adaptation to climate change

2

Prioritizing EbA measures by combining empirical data with participatory planning

3

Forming and strengthening alliances for communication, capacity development and implementation, including financing



Cartagena Competitiva y Compatible con el Clima



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Innovative Finance for EbA - Private sector engagement

1. INTRODUCTION

The growing recognition of the importance of Ecosystem-based Adaptation (EbA) for climate change adaptation has led to a growing interest in innovative financing mechanisms to support EbA. This document provides an overview of the current state of EbA financing and identifies key challenges and opportunities for private sector engagement.

2. METHODOLOGY

This document was developed through a series of consultations with experts in EbA and innovative financing. It draws on a range of sources, including academic literature, government reports, and interviews with key stakeholders.

3. Key findings and recommendations	4. Conclusions
<ul style="list-style-type: none"> Private sector engagement is essential for scaling up EbA financing. Key challenges include lack of information, limited capacity, and fragmented markets. Recommendations include developing a common framework, building capacity, and creating enabling environments. 	<p>The document concludes that private sector engagement is a critical component of any strategy to scale up EbA financing. It calls for a coordinated effort between governments, the private sector, and civil society to overcome the barriers to private sector participation.</p>

A group of experts in EbA and innovative financing, including representatives from the Ministry of the Environment, the private sector, and civil society, developed this document.

Key findings and recommendations are summarized in the table below.





Impacts

- **EbA in the political and institutional agenda** in Cartagena;
- **The Plan 4C** has been filled with life and developed into a functioning **multi-stakeholder platform**;
- Cartagena's strategic framework for adaptation to climate change has **fostered (new) alliances** among stakeholders;
- **Regular dialogue and joint capacity development** activities continuously contribute to a shared understanding of challenges and opportunities for EbA;
- Both **local communities and the private sector** are becoming increasingly interested in implementing adaptation measures within Plan 4C's framework;
- Local authorities have **incorporated the EbA approach in their plans, policies, programmes** for reducing vulnerability to climate change.

Thank you

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Felipe Gómez Villota felipe.gomez@giz.de



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Primero la
Gente



Cartagena
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Cuatrociénegas: Restoring the resilience of a unique ecosystem



CONANP
COMISIÓN NACIONAL
DE ÁREAS NATURALES
PROTEGIDAS

Valeria Petrone

Adaptation Futures 2018

Context



- Unique desert-wetland ecosystem
- Habitat to important biodiversity
- Hosts agricultural and cattle-raising activities
- Fluctuating precipitation patterns; rely on water from local aquifers

Local populations are benefiting from the ES, which makes possible productive activities to be performed. Biodiversity is being preserved.

Building Blocks

Integrated Water
Demand
Management

Experimenting new
methods, ideas
and approaches in
a limited area

Combining
approaches: EbA
and new
technologies



Impact

- Water bodies are not overexploited
- Keeping the habitat of biodiversity (“bizagra turtle and stromatolites)
- Farmers are saving time, water and energy
- Control of invasive species
- Touristic activities can be performed as an economic alternative



Why choosing PANORAMA?

- Evidence of the success of EbA is needed, and telling a story is an excellent way to do so.
- Universal solutions for climate change adaptation does not exist, but identifying and communicating key factors of a successful story can facilitate replication.
- The key factors of successful stories can lead to the identification of indicators for M&E processes.
- This platform is a way to communicate out of the sector.

Thank you!

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Resilient rural livelihoods through eco-restoration and sustainable natural resources management



Somya Bhatt

GIZ India

June 20, 2018

The Context

Project location: 8 villages in Mandla district, Madhya Pradesh, India

Geographic features: Undulating terrain, landscape dominated by forests and agricultural fields, landlocked area

Predominant livelihood sources: Rain-fed agriculture, paid employment in agriculture and collection of non-timber forest produce

Challenges:

- ✓ **Climatic stresses** Erratic rainfall, decreasing minimum temperatures in winter
- ✓ **Non-climatic stresses** Poverty, population pressure, soil erosion and forest degradation due to unsustainable use of natural resources, weak local institutions leading to poor resource governance

Project beneficiaries Institution strengthening: 1,643 indigenous families of the Gond and Baigas tribes (5,775 individuals)
Sustainable forest and agriculture management: 553 indigenous families of the Gond and Baigas tribes (1,968 individuals)



Building Blocks

Situation analysis and vulnerability assessment

- vulnerability of tribal communities
- Combining household and village data with state level data
- results were used to design and implement activities

Strengthening village institutions

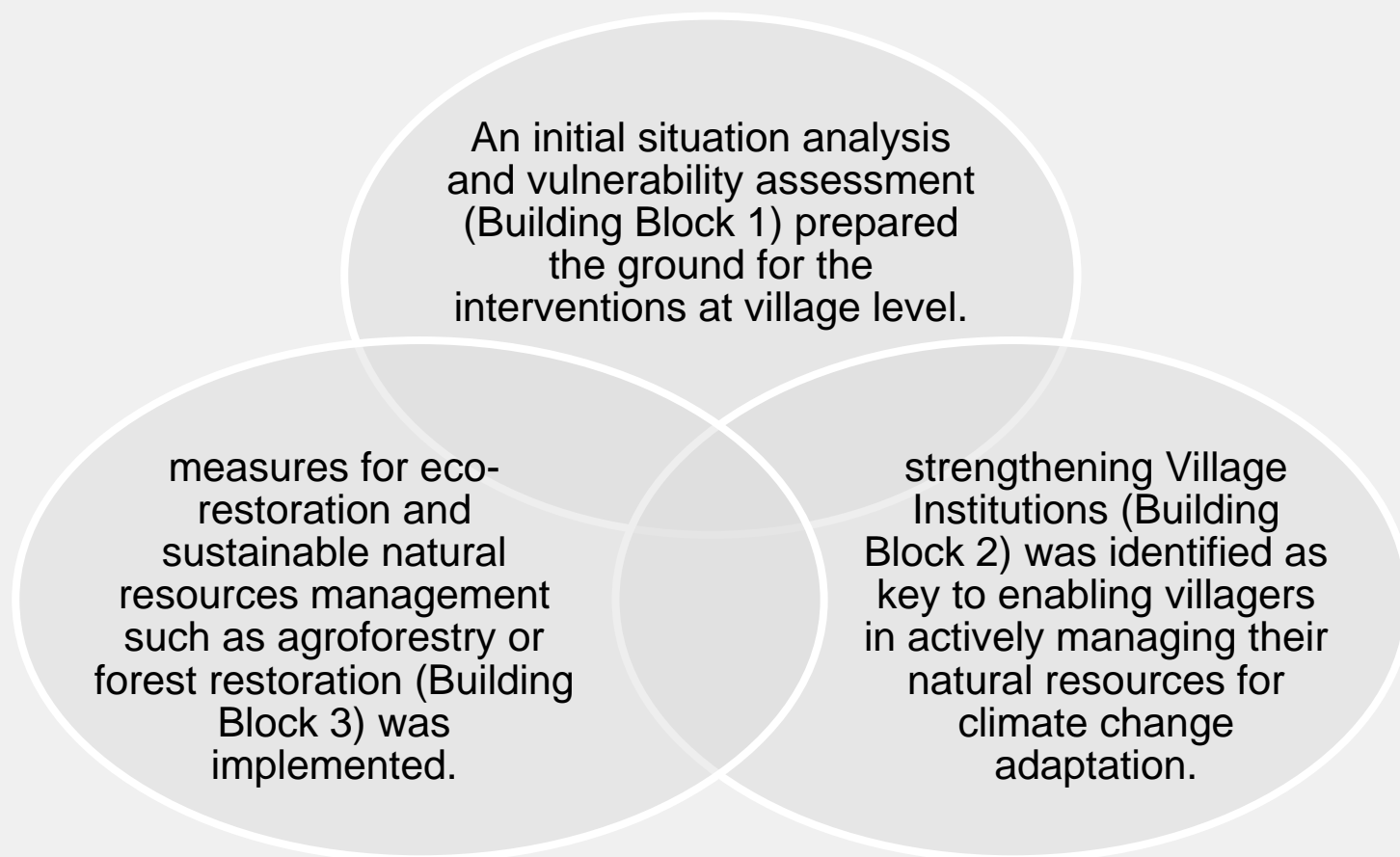
- constitution of the Natural Resource Management Committees
- training on decentralized governance, perspective building on commons and planning

Agro-forestry and forest restoration

- Eco-restoration through agro-forestry on forest fringes and slopes,
- plantations on bunds was implemented as livelihood diversification option



How do the building blocks interact?



Impacts

- Village institutions actively manage and conserve forest
- Agro-forestry interventions on forest fringes will further support the stabilisation of the ecosystem
- Stone exits and stone bunds have improved soil conservation
- Improved their yields and shift to growing two instead of only one crop within one growing season.
- Increase in income by up to 40 per cent as compared to farmers working without stone exits and bunds



Shital Singh Dhumketi, 48 years Farmer and president of the Natural Resource Management Committee in Payalibahur village, Madhya Pradesh

“We started community-based forest conservation around our village one year ago. Until today, we have managed to protect around 200 hectares of forest. FES and GIZ helped us to understand the importance of having rules and regulations for managing forests and to come up with our own rules in order to use our natural resources in a better way than in the past”

Lessons

Adaptation strategies need to be designed with a **community-oriented approach** so that the villages become more self-dependent.

Participatory exercises such as PRA (Participatory Rural Appraisal) effective in generating essential information on all aspects of a community's vulnerability to climate change.

Gender-The issues of conservation and resource governance were discussed with men and women separately, building an understanding of degradation of natural resources within the PSPS and then in the Gram Sabha.

A strong democratic **community institution** helps communities to access information and public funds that can be used to increase their adaptive capacities

Thank you

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Areas of India**

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