

Scaling up Ecosystem-based adaptation in rural Latin America (EbA LAC)

Success Factors & Impacts



MINISTERIO DE
AMBIENTE Y ENERGÍA

SISTEMA NACIONAL DE
ÁREAS DE CONSERVACIÓN

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CATIE
Solutions for Inclusive Green Development
Soluciones para el Desarrollo Verde Inclusivo

EL NUEVO
ECUADOR // **IMPULSA**
Ministerio de Ambiente y Energía



Ministerio de
Ambiente y
Recursos Naturales

On behalf of:



Federal Ministry
for the Environment, Climate Action,
Nature Conservation and Nuclear Safety

IKI INTERNATIONAL
CLIMATE
INITIATIVE

of the Federal Republic of Germany

What is EbA?

Ecosystem-based Adaption:

- helps people to adapt to the adverse effects of climate change
- uses biodiversity and ecosystem services
- is part of an overall adaptation strategy



5 quality criteria

- 1 Reduces social and environmental vulnerabilities
- 2 Generates societal benefits in the context of climate change adaptation
- 3 Restores, maintains or improves ecosystem health
- 4 Is supported by policies at multiple levels
- 5 Supports equitable governance and enhances capacities

**Adaptation puts the most vulnerable
people at the forefront:**

**Short-term actions respond
to long-term objectives.**

Conserving nature for climate resilience: Delivering EbA at scale

Scaling-Up Ecosystem-based Adaptation (EbA):

- promotes cost-effective adaptation strategies that contribute to biodiversity conservation, climate mitigation, and sustainable development.

Urgent need:

- urgent need to accelerate and scale **up** actions, because implementation is not advancing at the necessary speed and scale.



Conserving nature for climate resilience: Delivering EbA at scale

Climate finance needs in developing countries:

- Greater than current flows (10-18 times)
- Inaction exacerbates climate risks, losses and damages
- Enhanced financial support to implement EbA achieves climate resilience and biodiversity conservation.



Ma. Cristina Par Tuluxan,
Quiché, Guatemala,
rescues biodiversity with
ancestral knowledge and
sustainable innovations.

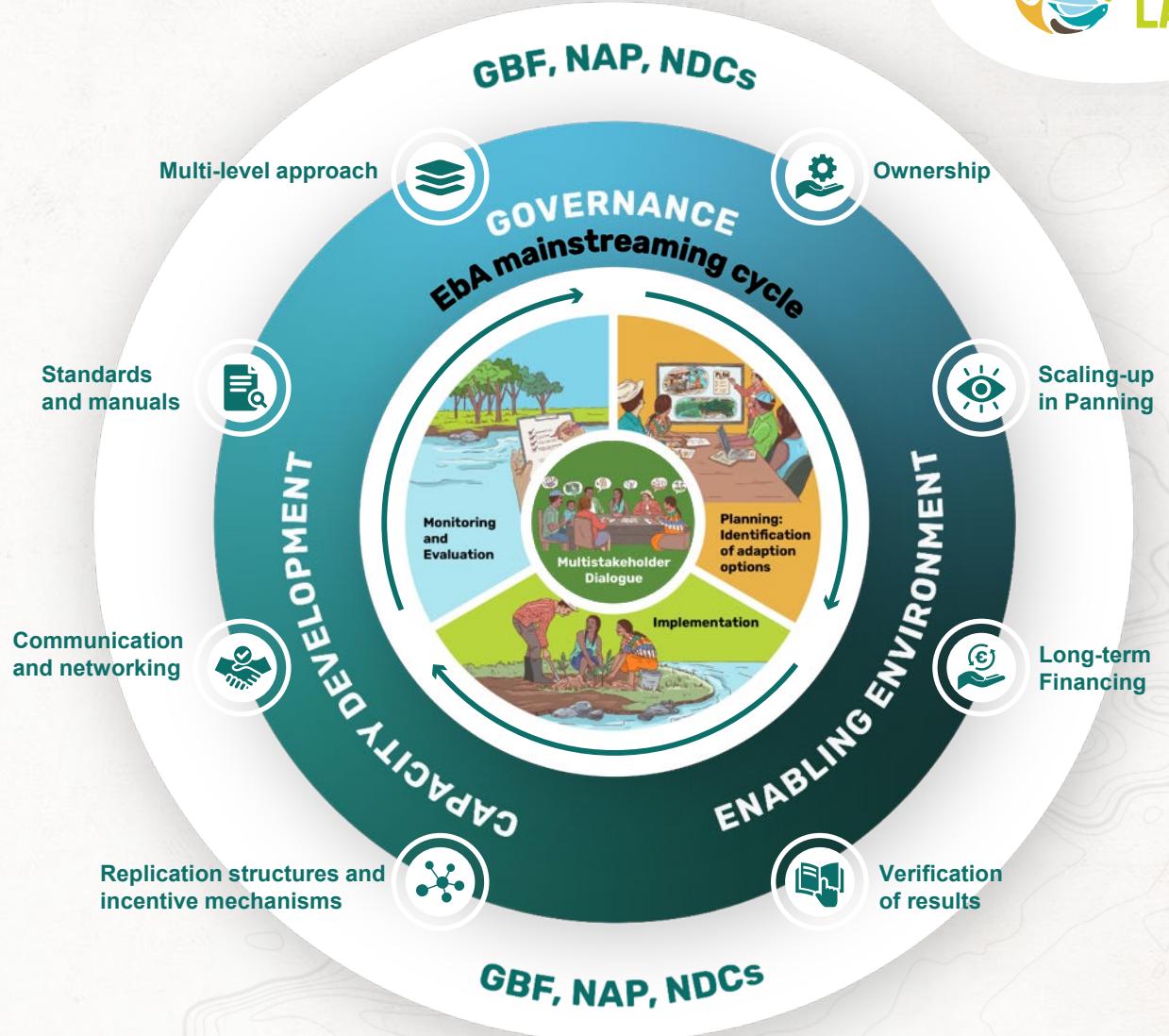


Success factors for scaling-up EbA

Scaling-up EbA at vertical, horizontal and regional level requires harmonized approaches, methods, and guidelines:

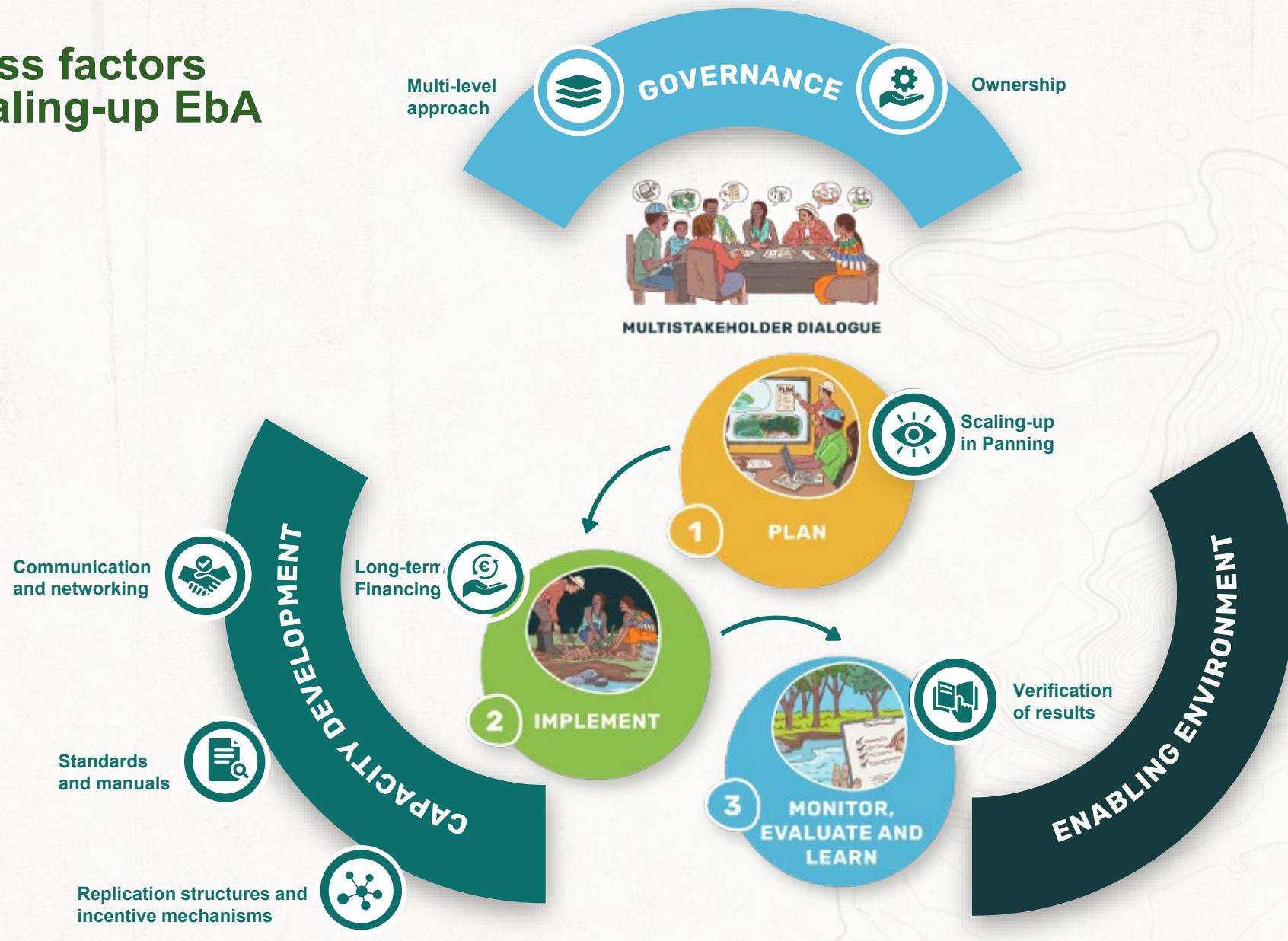
- Adaptable Governance
- Capacity Development
- Enabling Environment

Eight success factors are key for bringing EbA to scale and generating **broad-based and structure building impacts**.

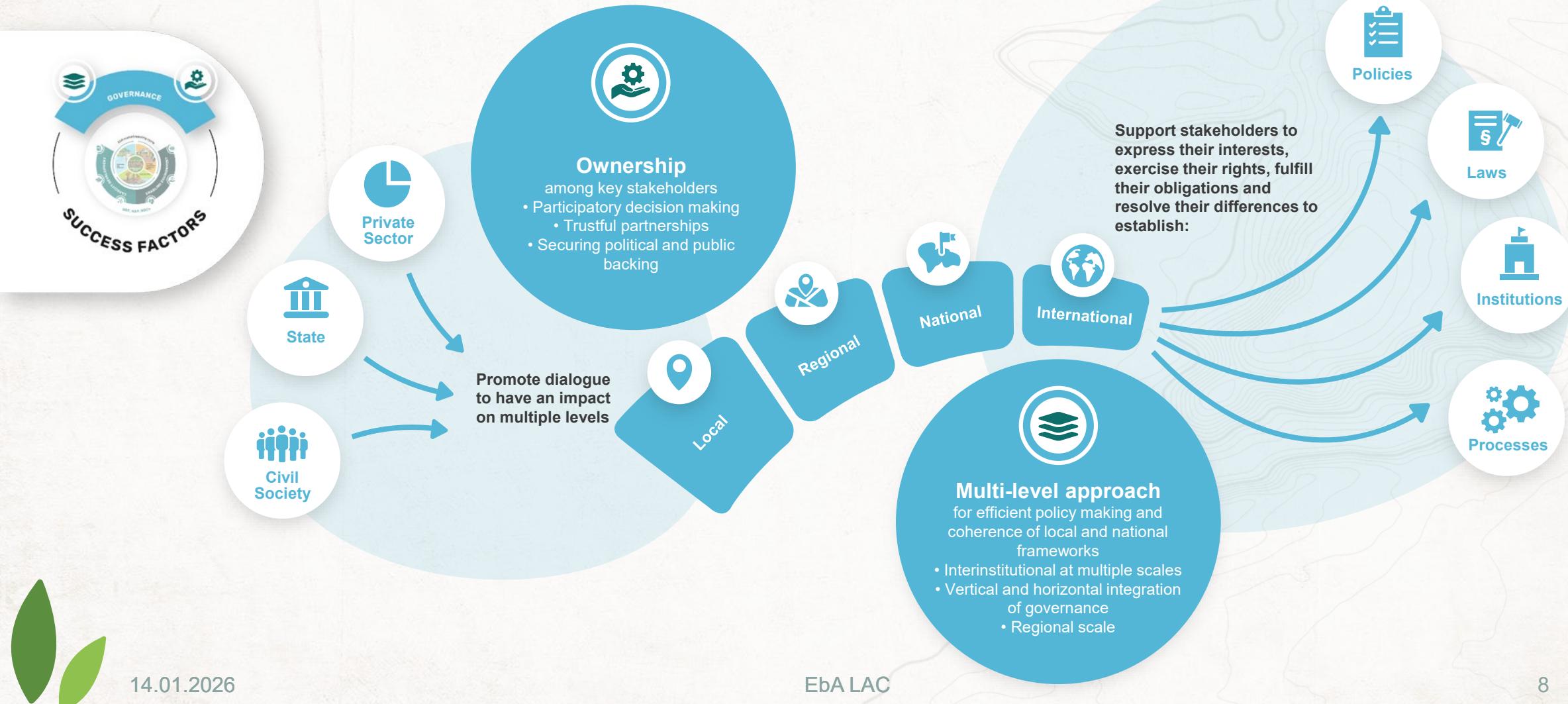


Key factors for Scaling-up EbA to achieve the Paris Agreement (PA), the National Determined Contributions (NDCs) and the National Adaptation Plans (NAP), as well as the Kunming Montreal Global Biodiversity Framework

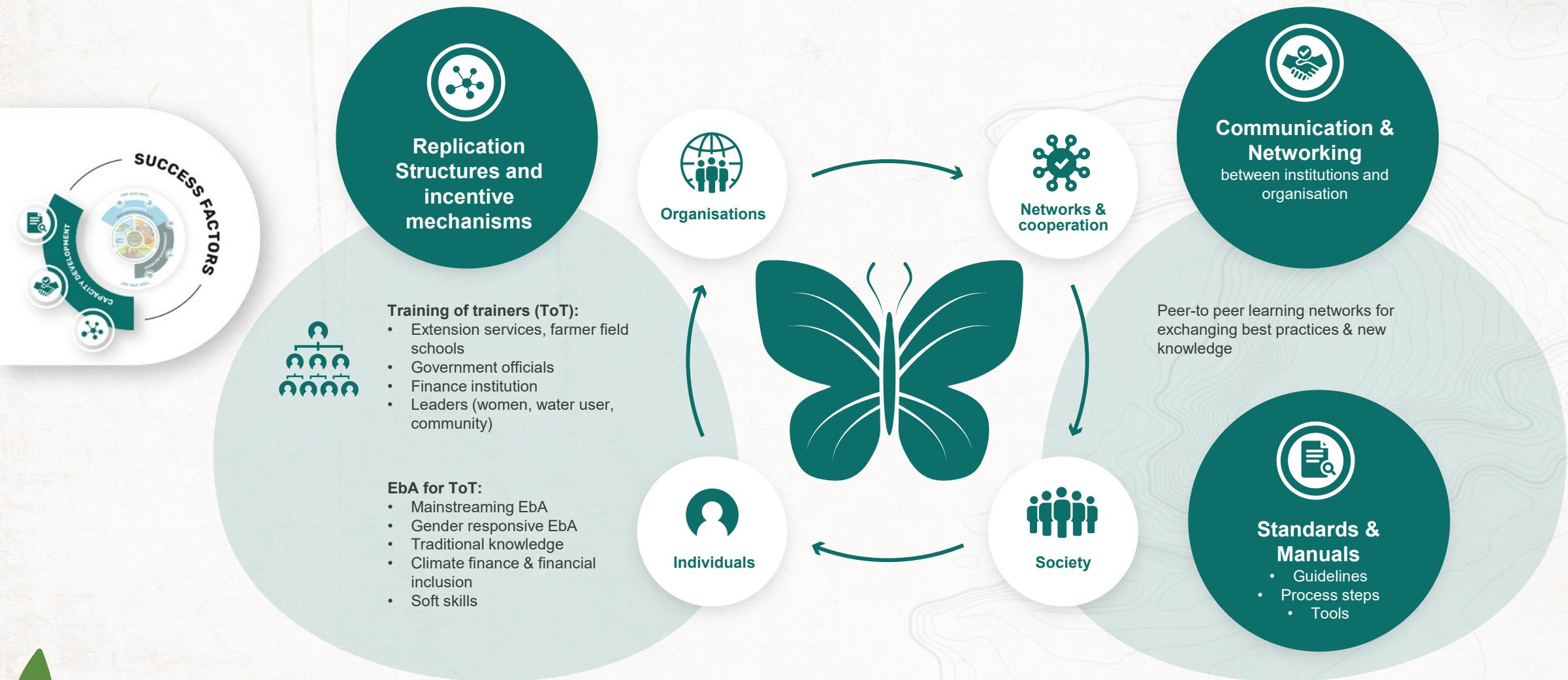
Success factors for scaling-up EbA



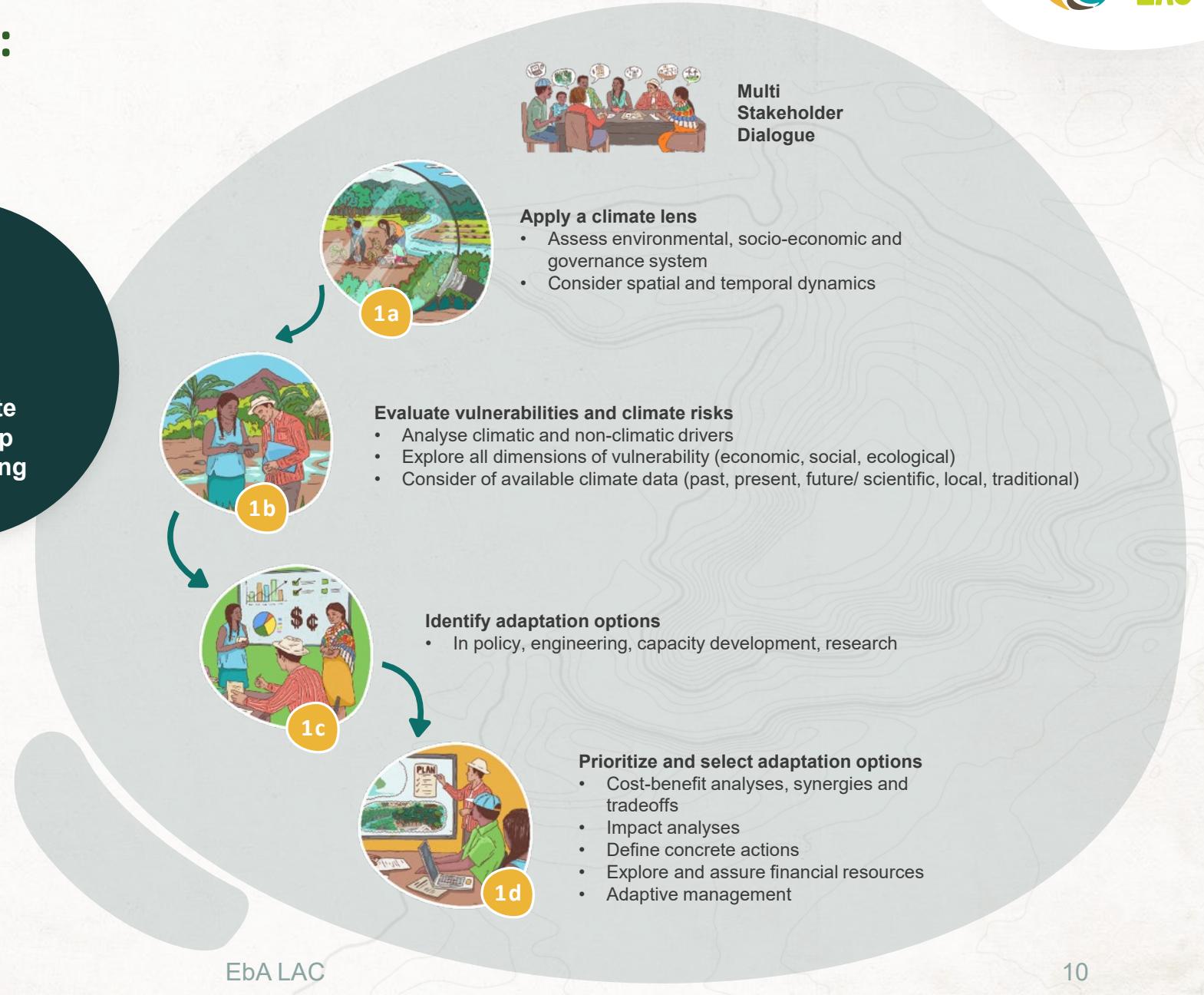
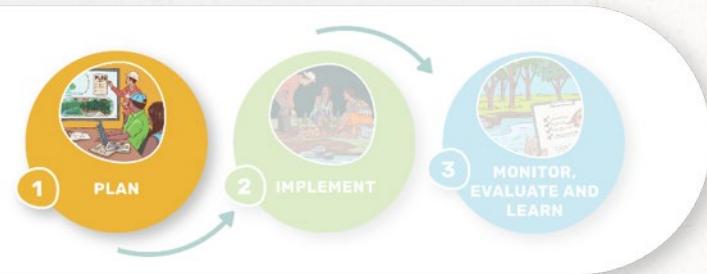
How to strengthen governance to scale up EbA?



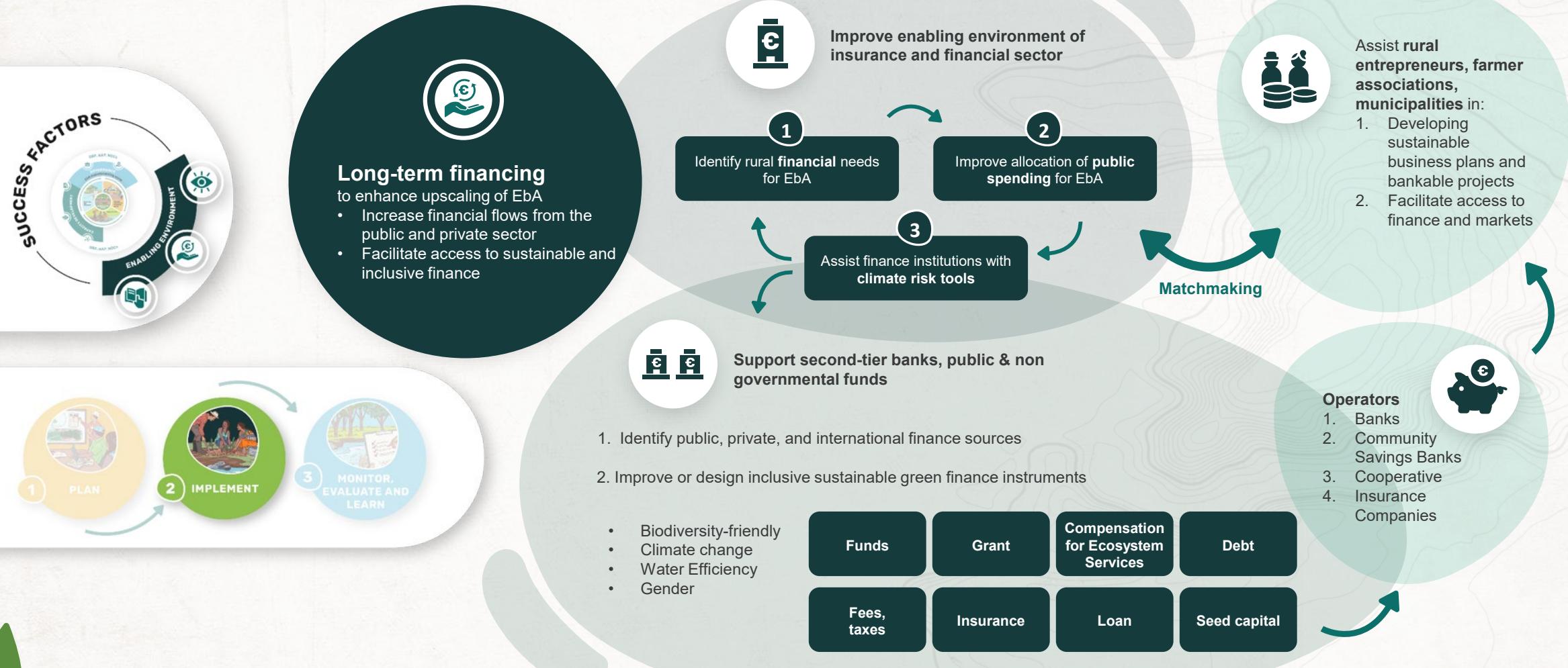
Capacity Development to scale-up EbA



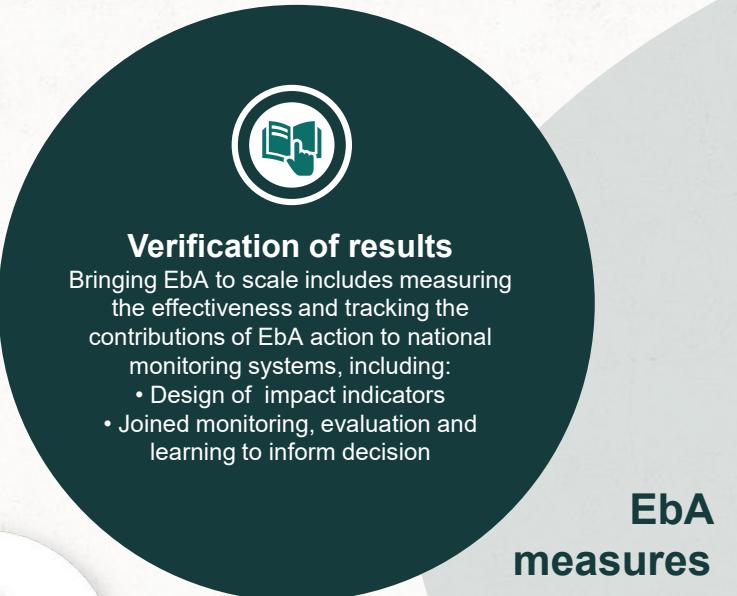
Mainstreaming EbA cycle: Planning EbA



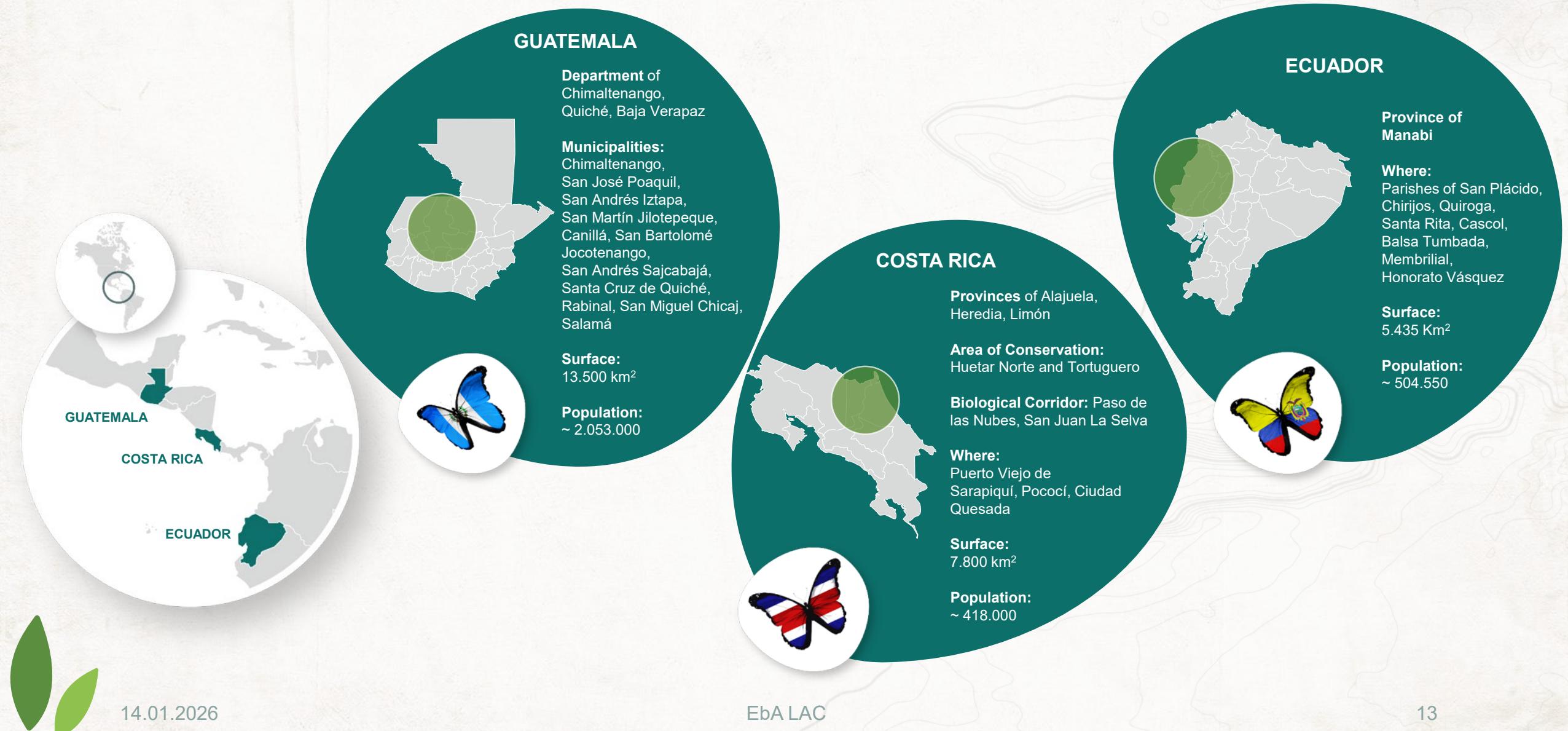
How to close the finance gap to accelerate EbA implementation?

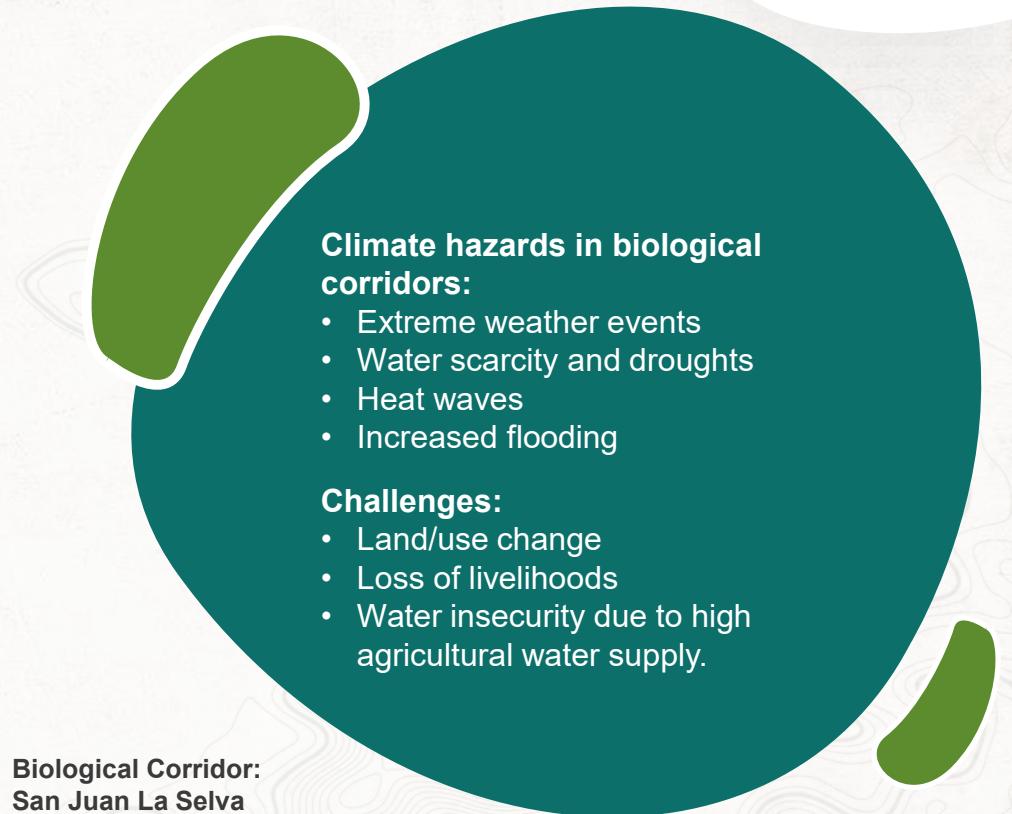


Measuring effectiveness & strengthening Monitoring, Evaluation and Learning



Where does EbA LAC work?





Area of ecosystems improved or protected

5,053 ha



Landusers implement EbA

40% ♀



People supported to better adapt to climate change

>1,740



Public & private capital catalysed

>12.625,100 €



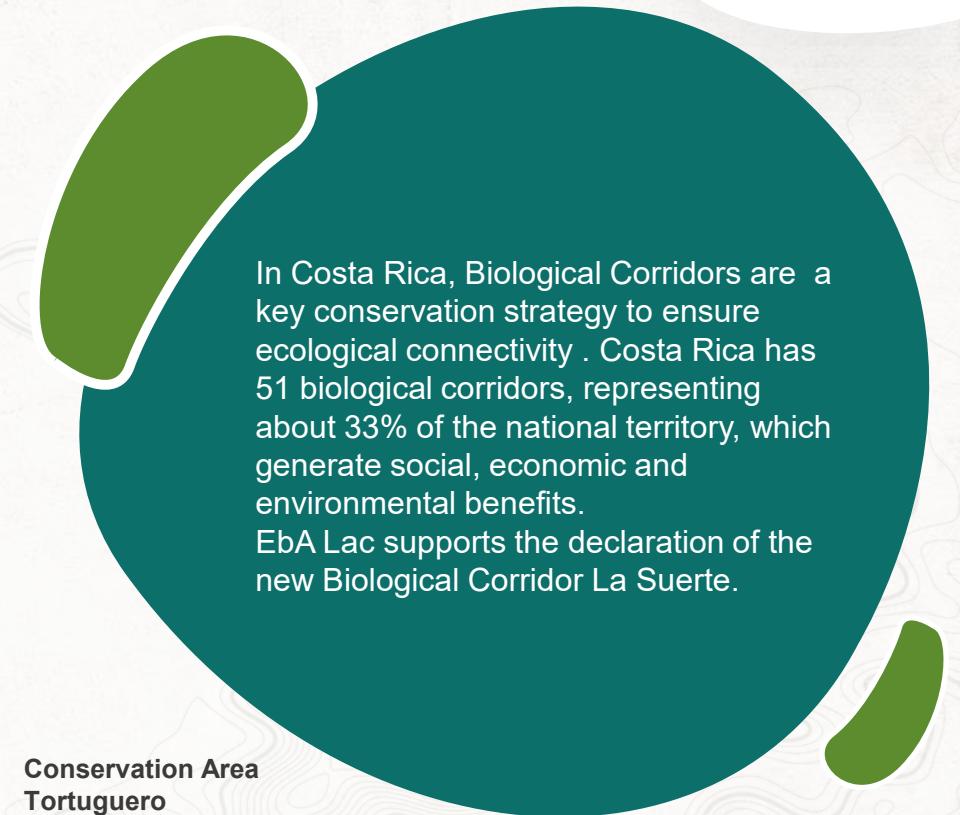
Plans and policies

3



Directly supported through networking and training

457 ♀



**Conservation Area
Tortuguero**



**New
Biological
Corridor**



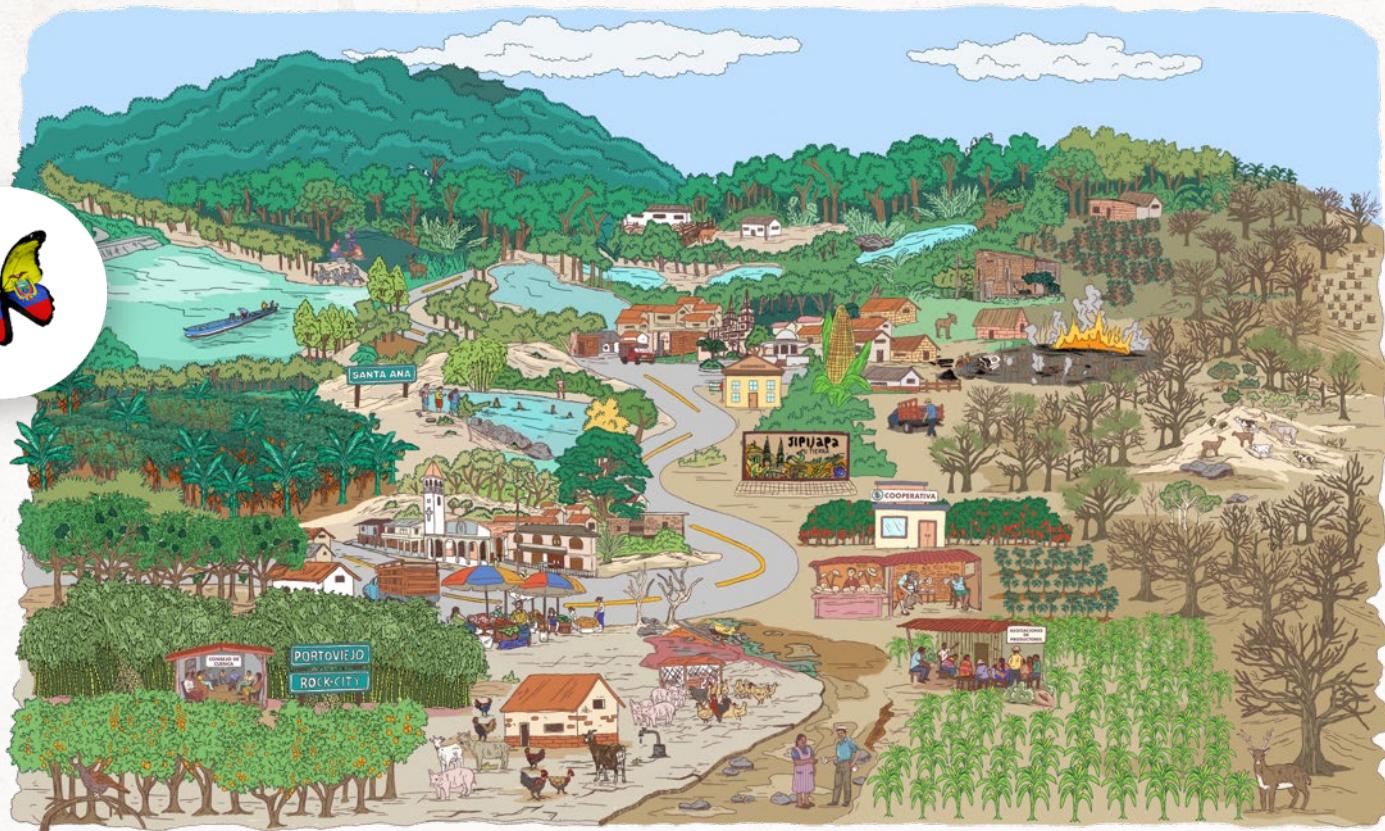
**FuTurismo Climate
risk platform for
tourism sector**



**65 rural resilient
start-ups with
seed funding**



**3 new green
credit lines**



**Río Portoviejo
Watershed**



**Area of
ecosystems
improved or
protected**

6,099 ha



**Landusers
implement
EbA**

40% ♀



**People
supported to
better adapt to
climate change**

>6,520



**Public & private
capital catalysed**

> 2,877,980 €



**Plans
and policies**

3



**Directly supported
through networking
and training**

1,278 ♀



Northern Manabí
landscape



9 Development
and Territorial
plans with gender
responsive EbA



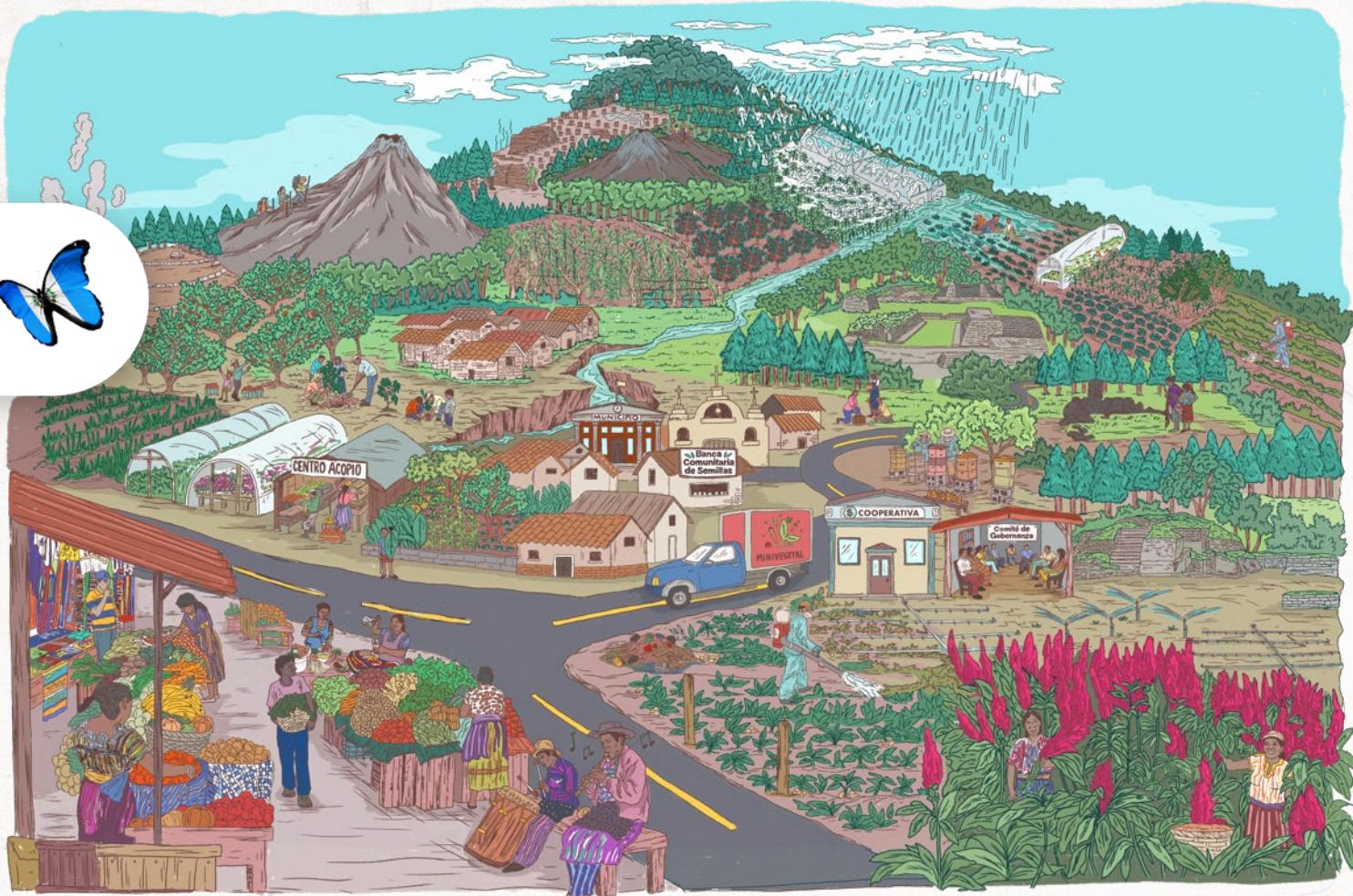
National Climate
Insurance
Roadmap



2 Mio US \$
green credit



8 community saving
groups for rural
women



Area of
ecosystems
improved or
protected

4,273 ha



Landusers
implement
EbA

78% ♀



People
supported to
better adapt to
climate change

> 13,800



Public & private
capital catalysed

1



Plans
and policies



Directly supported
through networking
and training

467

♀

Climate hazards in intervention areas:

- Increased temperatures
- Altered rainfall patterns
- More frequent extreme weather events
- Prolonged droughts

Challenges:

- High socioeconomic vulnerability
- High dependence of livelihoods on natural resources, affected by deforestation, soil degradation and overexploitation of water resources.
- Prolonged drought reduce agricultural production, especially of staple crops like maize and beans, which are essential to the local diet.

Chimaltenango
intervention area



Traditional practices of Mayan K'iche people

- Women implement sustainable agricultural practices, market the organic products they grow in nearby markets, and have access to food and medicinal plants all year round.
- Resilience and production levels of organic crops have improved through the combination of sustainable agricultural techniques with ancestral knowledge.
- Crop diversification and marketing initiatives have improved local economic development.

Quiché and Baja Verapaz landscape



EbA mainstreamed in System of Urban and Rural Development Councils



Indigenous authorities strengthened in multi-stakeholder engagement



Rural Development Learning Centers (CADERES) fostered leadership of rural and/or Indigenous women



Tools for municipalities on climate change adaptation investments

Gender responsive EbA implementation considering traditional knowledge

EbA LAC aims to accelerate gender equality through addressing the needs and challenges of women and vulnerable groups (indigenous people and youth) as well as strengthening their roles in sustainable land use management practices through designing EbA measures in a gender responsive way.



Community gardens

Ensuring food security and traditional knowledge
Improved household income, prevents malnutrition



Livestock

Access to training & markets
Matching forages to women's livestock assets (goats)
Promoting production of organic fertilizers and biopesticides



Beekeeping

Generates income
Fits in their daily routine, a high market demand
Supports pollination



Reforestation

Increased water security
Material for craft
Generates income



Water Guardians

Source water protection
Increase water security

Women's Leadership in EbA

The impact of climate change and biodiversity loss affects, above all, women because of their responsibilities for subsistence agriculture, food security, and family care.



Empowerment Through leadership

- Analysis on gendered roles in ecosystem services to address inequalities.
- Facilitate participation in decision-making on climate action.



Gender transformative Biological Corridor's (OECM) Management plan

- Representation in environment-related decision-making
- Design jointly gender responsive actions agriculture, livestock, and ecotourism.
- Development of gender indicators



Women's participation in Environmental Commission

Foster women's participation in planning processes to include actions for conservation, food security, traditional knowledge, medicinal plants and economic autonomy.

EbA LAC and the international Agendas



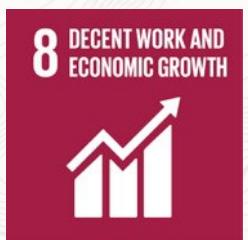
EbA LAC supports Ministry of Environment and Energy (MINAE) in Costa Rica, the Ministry of the Environment, Water and Ecological Transition of Ecuador (MAATE), and the Ministry of Environment and Natural Resources (MARN) in Guatemala in a climate-resilient and nature-positive pathway.

Scaling up EbA contributes to the achievements of the Paris Agreement, the Kunming Montreal Global Biodiversity Framework and the Sustainable Development Goals

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www.ebalac.com

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