



How EC/ DG DEVCO is supporting LDCs and SIDS in ACP countries to tackle climate change and increase resilience to climate induced disasters?

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The EU knows well that:

- Climate Change can bring about an **unprecedented reversal in the progress towards poverty eradication** and that it can **undermine efforts towards sustainable and inclusive development.**
- That's why the EU is doing its utmost in the fight against **Climate Change and Disaster Risk Reduction**, both within Europe and globally.



Globally, the EU played a leading role:

In the negotiations and agreements of three policy frameworks:

- ✓ Paris Agreement
- ✓ 2030 Agenda for Sustainable Development
- ✓ The Sendai Framework for DRR

And remains committed to support the sustainable and inclusive development of developing countries, especially the Least Developed Countries (LDCs) and Small Island Developing States (SIDS)



The EU (EU MSs and EC) is collectively:

- ✓ The world's largest provider of ODA, accounting for over half of the total ODA to developing countries and the largest contributor of climate finance
- ✓ Its public support for climate-specific finance has doubled in nominal terms over the last three years, amounting to **EUR 20.4 billion in 2017 alone**
- ✓ The European Commission alone is aiming to spend around 20% of its development portfolio on climate-related programmes projects for 2014-2020



EC/DG DEVCO uses:

Two main Financial Instruments:

- ✓ The Development Cooperation Instrument (DCI)
- ✓ The European Development Fund (EDF) for ACP

Support LDCs and SIDS to:

- ✓ Implement their commitments under the Paris Agreement, their NDCs and NAPs (promote inclusion of CCA in the NDCs)
- ✓ Achieve the SDGs
- ✓ Implement the Sendai Framework
- ✓ Develop policies, Strategies Structures for CC Adaptation, Mitigation and DRR
- ✓ Mainstream CC and DRR in their Development Policies and Strategies
 - **2016 Mainstreaming Guidelines:**
https://ec.europa.eu/europeaid/integrating-environment-and-climate-change-eu-international-cooperation-and-development-towards_en

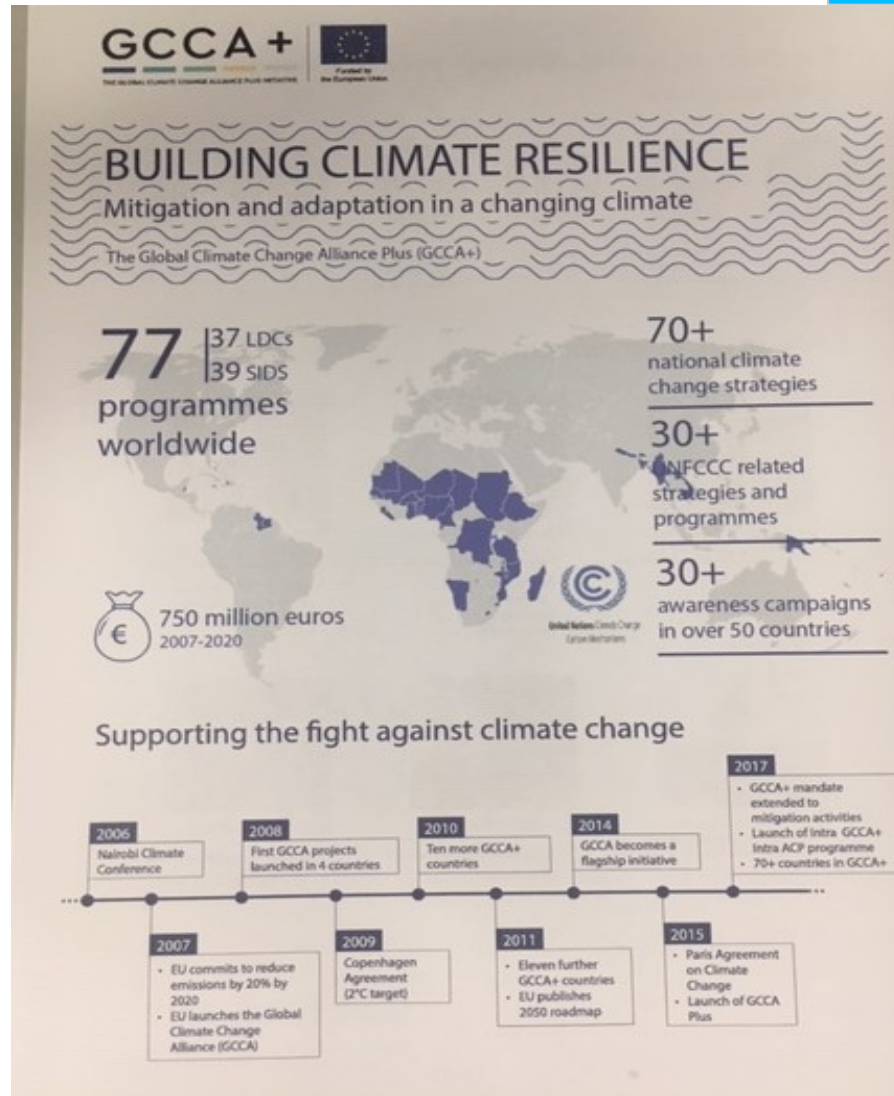
This presentation will provide examples of EC/ DG DEVCO supported Flagships:

- ✓ Global Climate Change Alliance (GCCA+)
- ✓ Switch2Green: A Gateway to Inclusive Green Economy
- ✓ Climate Information Services
- ✓ ACP Science & Technology Programme
- ✓ EU External Investment Plan / The European Fund for Sustainable Development (EFSD) / EFSD Guarantees/ the NASIRA Risk-Sharing Facility for Underserved entrepreneurs
- ✓ Mobilises investments in decentralised renewable energy – GET Invest

An Example



GCCA+



Designing/Linking CCA, CCM & DDR to harness the multi-benefits

How the project implementers perceive the GCCA+ projects?

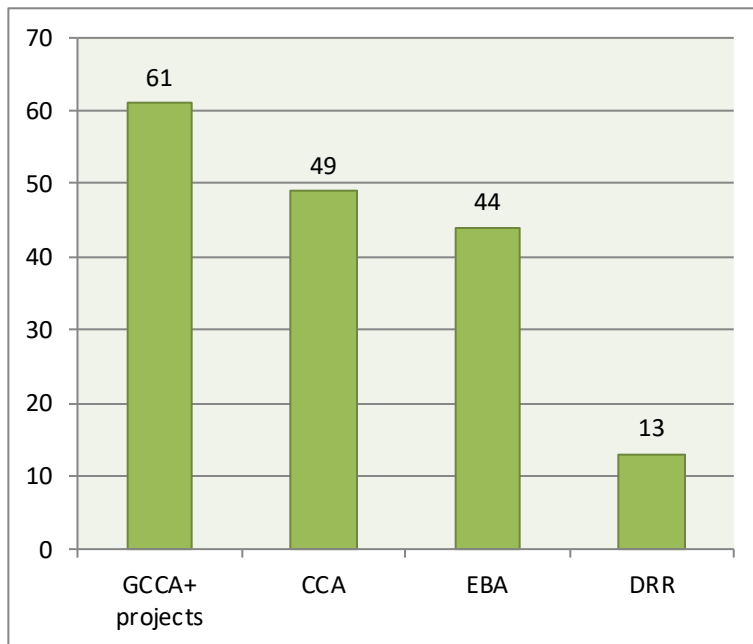
80% are directly targeting CCA

72% are directly related to EBA

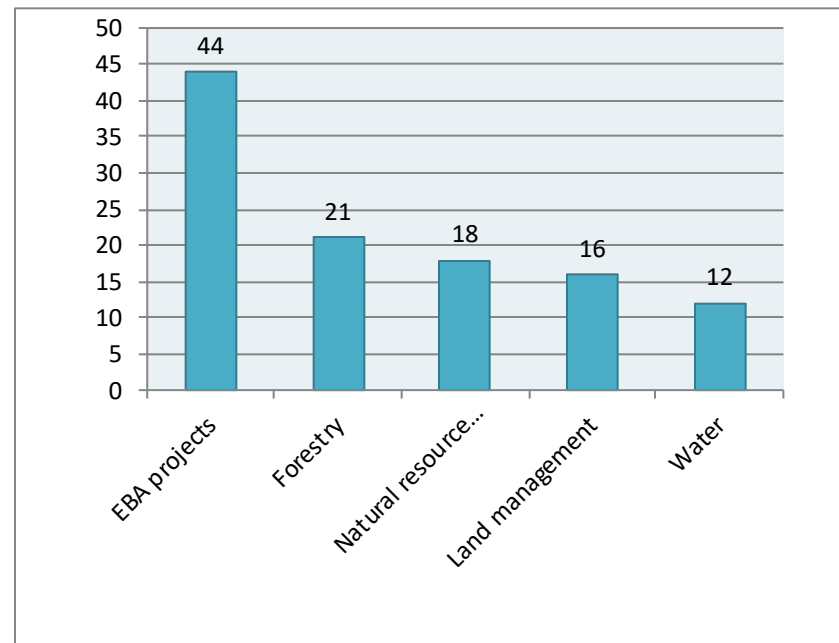
21% are related to DRR, notably in the case of SIDS

Responders were not aware that the CCA has DRR co-benefits!

GCCA+ and CCA, EbA, DRR



GCCA+ interventions in EbA



Rural Sustainable Development: EbA/Nature-based solutions:

- According to the 14th Conference of the Parties to the Convention on Biological Diversity in November 2018:
- Ecosystem-based solutions addressing disaster risk reduction and climate change while preserving at the same time biodiversity is a major tool to link the work under:
 - ✓ **the Paris Agreement, the Sendai Framework for Disaster Risk Reduction and the Convention on Biological Diversity (CBD).**
- 72% of the GCCA+ actions are directly related to ecosystem-based (or nature-based) solutions.
- Experience and analytics show that such **approaches are sustainable, cost-effective, multi-purpose and flexible.**
- Ecosystem-based solutions **enable participation and engagement of communities and offers them the possibility to put their knowledge of their surrounding nature and ecosystems in motion.**

Eba's potential is important:

It is estimated that worldwide natural climate solutions can provide 37% of cost-effective CO₂ mitigation needed through 2030 for a >66% chance of holding warming to below 2 °C.

Proceedings of National Academy of Sciences, USA, <http://www.pnas.org/content/114/44/11645.full>

GCCA Tanzania – The Chololo Ecovillage, Dodoma

Strengthening the capacity of vulnerable rural communities to adapt to CC following a holistic Eco-village approach

Empowering a community to test, evaluate and take up 26 climate change innovations in:

- **Agriculture** (agro-ecology; crop diversification; intercrops; droughts resistant species; micro-irrigation; soil conservation measures)
- **Livestock**
- **Land management**
- **Water** (demonstration, promotion and scaling up of integrated water management and conservation measures; design and construction of water harvesting and storage structures)
- **Forestry** (participatory forest management; the establishment of tree nurseries; afforestation and reforestation of community and household woodlots);
- **Sustainable energy** (demonstration, promotion and scaling up of energy solutions based on renewable sources)

An Ecovillage is defined by the Global Ecovillage Network (GEN) as an intentional, traditional or urban community that is consciously designed through locally owned, participatory processes in all four dimensions of sustainability (social, culture, ecology and economy) to regenerate their social and natural environments.

GCCA+ in action



A holistic Ecovillage approach



- ✓ Frugal Innovation
- ✓ Increase access and use of efficient energy sources
- ✓ Training 50 young people by a local solar energy engineer (Dr Hong Kyu Choi)
- ✓ Employing devices made and repaired using mostly local skills and materials
- ✓ **Cost: 10.000 EUR/200 EUR per person – A very good ratio cost/impact**

- ✓ The ECO-ACT project is delivered by a partnership of 7 agencies led by IRDP.
- ✓ Institute of Rural Development Planning (IRDP)
- ✓ Dodoma Municipal Council
- ✓ Chamwino District Council
- ✓ Agricultural Research Institute Hombolo
- ✓ Maji na Maendeleo Dodoma (MAMADO)
- ✓ Tanzania Organic Agriculture Movement (TOAM)
- ✓ Dodoma Environment Network (DONET)

- ✓ https://ec.europa.eu/europeaid/case-studies/ecovillage-adaptation-climate-change-central-tanzania-eco-act_en
- ✓ https://ec.europa.eu/europeaid/printpdf/case-studies/ecovillage-adaptation-climate-change-central-tanzania-eco-act_en
- ✓ <https://chololo2.wordpress.com/about/>
- ✓ **Tanzania Organic Agriculture Movement (TOAM) implements the Eco-Act project:**
<http://www.kilimohai.org/?L=0>

GCCA Mozambique (2011- 2015)

- Effective alliance among EU GCCA and EU Member States (DK & IE)
- **Budget:** €47 million (GCCA: €15.2m incl. €5m FSF from Ireland, DANIDA: €31.5m, Govt of Mozambique: €0.3m)
- **Objective:** Support to the Government of Mozambique for the mainstreaming of climate change into policies and strategies and to adapt to climate change impact
- **Major impact:**
 - ✓ National Climate Change Strategy
 - ✓ National System for Monitoring and Evaluation of Local Plans
 - ✓ **Implementation of local plans in the 34 most vulnerable areas out of the 128 rural districts, covering 20% of the population**
 - ✓ **A number of local plans are based on a holistic Eco-village approach**

<http://www.gcca.eu/national-programmes/africa/gcca-mozambique>

« Rehabilitation of mangrove in the Limpopo River Delta »

Cause of mangrove degradation:

- Massive flooding in Year 2000
- Mangrove death in 546 ha out of 928 ha

The local leader Salimina Joao Mahel one of 3 village leaders responsible for the coordination between the mangrove rehabilitation and the community

Implementation

- IUCN/Centre for Sustainable Development of Coastal Zones (CDS ZC)/**Communities living in the area**
- Funding: EU and USaid
- **Local leadership played a key role in the community awareness process and in the implementation of the project.**

Results/Impacts:

- ✓ 90 ha of mangrove restored/ 168.000 seedlings planted
- ✓ Temp jobs in the nursery: 10 community members
- ✓ Temp jobs for plantation: 50 community members
- ✓ Increase of fish and crabs
- ✓ Diversification/income generation to ensure sustainability of the mangrove rehabilitation: beekeeping, opening of two fish tanks, creation of a community forest and pineapple planting



« Rehabilitation of mangrove in the Limpopo River Delta »

Results/Impacts:

- ✓ Local leadership strengthened – more respect to the local leaders
- ✓ Strengthen capacity on mangrove rehabilitation in the Center for Sustainable Development (CDS ZC)
 - Production of **Mangrove Restoration Manual** including lessons learned
 - Production of leaflets, brochures, booklets to sensitize local community and institutions
 - Plans for incorporating lessons learned into the **National Education System** to be taught in local schools (part of the 20% that the Ministry of Education grants to local content)
 - Trainings for sustainable mangrove cutting and sustainable mangrove management
- ✓ Set-up of a **community-based management system** for sustainable use of rehabilitated area:
 - Community members communicate needs for mangrove products' harvesting to the local authorities
 - Trained Community members available during harvesting to assist community members in sustainable cutting
 - Sanctions for illegal cutting or selling of mangrove products (e.g. punishment: provision of services to the nursery)



Members from the Mahielene community carrying plants to rehabilitation site.



Case study - Benin



Budget: 8.3 MEUR
EU: €8.0m, UNDP: €0.3m
Oct 2012-2017

« Fighting floods through rehabilitation and conservation of gallery forests »

Cause of increased flooding:

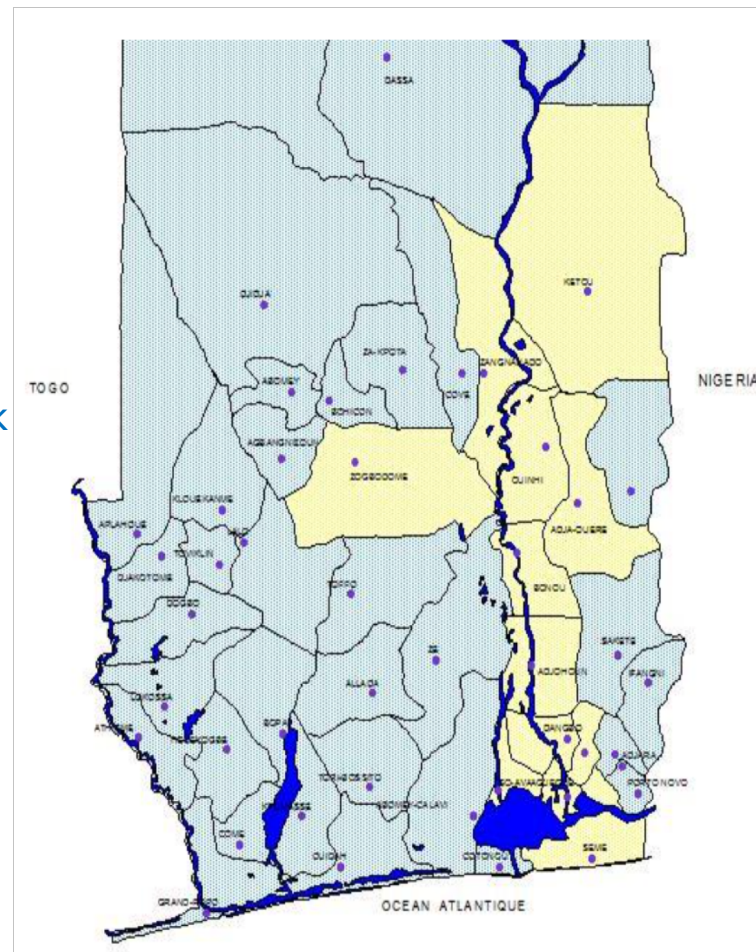
Degradation and destruction of gallery forests in the **Ouémé river basin**, caused by over-exploitation and agricultural encroachment which is exacerbated by climate change.

Objective: Rehabilitation and sustainable use of gallery forests, through the establishment of a network of community-based conservation areas.

Results/Impacts:

- ✓ 100km of galleries forests in 350ha
- ✓ 197.500 trees planted / 558.000 total at the end
- ✓ Communities' population impacted: 200.000
- ✓ Temporary jobs in the nurseries: 110
- ✓ Livelihoods diversification/income generation: non-timber forest products/medicinal plants/eco-tourism)

Key: the set-up of a **Local Committee** for forest galleries protection – awareness raising/training for sustainable use models of forest resources.



Case study



Benin

Definition of boundaries & responsibilities....

Creation and training of management groups...



Community participation



Case study – Timor Leste

Highly montaneous island
72 % living in rural areas



Budget: 4 MEUR (EU & Ireland)
Duration 2014-2018

« Fighting floods and poverty through an integrated eco-system based approach »

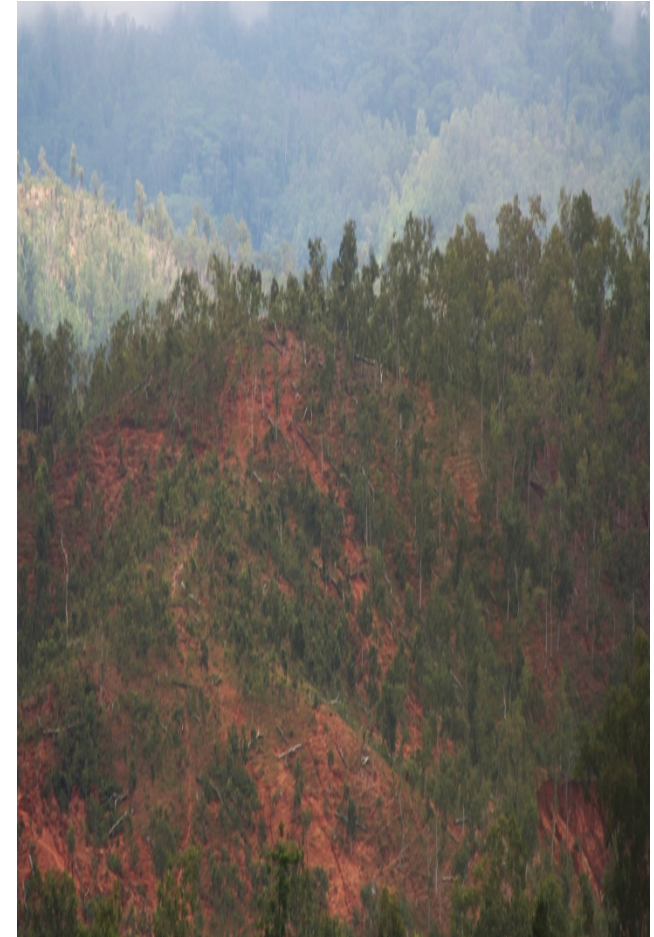
The problem:

Deforestation due to unsustainable agriculture and wood overexploitation leading to soil erosion, increased downstream flooding and poverty.

Objective: Rehabilitation/sustainable management of natural resources in 5 major watersheds in *Seical, Loes* areas.

Results/Impacts:

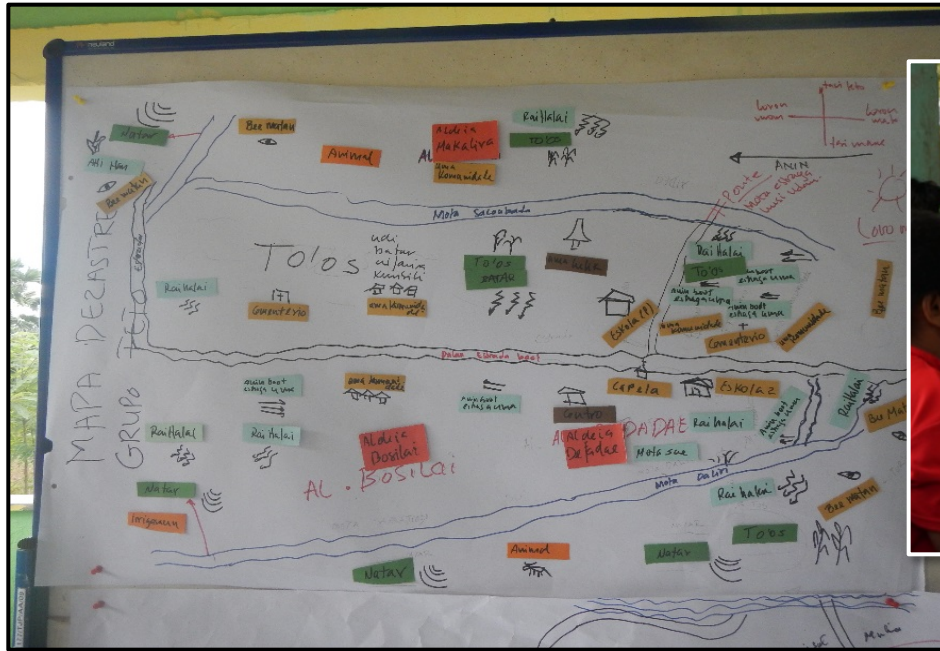
- ✓ **Capacity building of local communities for participatory planning:**
 - Env. watershed profiles/vulnerability analysis
 - Assessment of various adaptation options
 - Development of soil & water conservation plans
 - Using the watershed management principles & Integrating the actions in the local development planning
- ✓ **Local participation in the planning:**
 - 256 people participating in Loes – 110 (43%) women
 - 285 people in Seical - 93 (33%) women





Timor Leste

Experience shows: Sustainable Ecosystem Management is successful only via participatory decision making



Results/Impacts:

- ✓ Network of 42 nurseries installed in 2015
- ✓ Around 128.000 seedlings produced and planted in 2015
- ✓ Aim 1 million trees at the end of the project – base line: 20.000 trees
- ✓ **Implementation** by extension services of Ministry of Agriculture and Fisheries, local NGOs and local communities
- ✓ **Tree species selected:** mostly local, highly relevant for soil/water protection, fuel wood production and for future income generation: mahogany, cashew nuts, sandalwood, casuarina, silk oak, dragon fruit.
- ✓ **Already promising results for income generation in the 1st plantation year:**
 - 4 demo plots of dragon fruit: farmer's average income of \$292,50 /1 farmer had \$660,00 profit
 - Activity also for developing nuts trade





➤ **Web site: www.gcca.eu**

- ✓ Action fiches for all projects
- ✓ Downloadable publications, technical papers, training material
- ✓ Videos: <https://www.youtube.com/user/GCCACommunity/videos>

➤ **Join the virtual Open Knowledge Sharing Community:**

- ✓ **GCCA+ :** <https://europa.eu/capacity4dev/gcca-community>
- ✓ **Environment, Climate Change and Green Economy**
<https://europa.eu/capacity4dev/public-environment-climate>

➤ **Subscribe to the newsletters (bi-monthly):**

- ✓ <http://gcca.eu/newsletters>



https://ec.europa.eu/newsroom/devco/subscription-quick-generic-form-fullpage.cfm?service_id=227

Switch2Green: A Gateway to Inclusive Green Economy

- ✓ <https://www.switchtogreen.eu/?p=128>
- ✓ <http://www.switch-asia.eu/>
- ✓ <https://www.switchafricagreen.org/index.php?lang=en>

An Example: Greening Ethiopian Manufacturing (GEM) Project

More than **100 Ethiopian micro and small enterprises** will be supported in:

- ✓ adoption of sustainable consumption and production practices &
- ✓ seizing green growth opportunities by promoting their products in the international market and linking them with potential buyer suppliers, professional service providers & other potential partners from **84 countries across the world**
- ✓ Ethiopian Green Manufacturing Portal:
<https://egm.jte.zone>

Welcome to the
**ETHIOPIA GREEN
MANUFACTURING
PORTAL**
Supporting Ethiopian small entrepreneurs in
accessing sustainable consumption and production
(SCP) growth opportunities locally and on the global
markets.



<http://ethiopianchamber.com/gem/>
<https://www.facebook.com/EthiopiaGEM/posts/341373596385453>

In the area of Climate Services

- ✓ Since 2001, the EC supports African countries to strengthen their capacity for weather forecasting and climate predictions as well as for early warning systems
- ✓ Through 3 consecutive programmes, **PUMA, AMESD, MESA** (overall financial contribution around €70 million) the EC in partnership with EUMETSAT and the European Space Agency (ESA) capacitates with infrastructure, training and technical assistance the:
 - National Meteorological Services,
 - Regional Climate Centres (ECOWAS-RCC, IGAD-RCC, SADC-RCC, North African RCC-Network and Central African RCC),
 - the African Union Commission and the African Centre of Meteorological Applications for Development (ACMAD)
 - Ministries, Universities,
- ✓ to provide access to satellite data for weather forecasting and for climate and environment monitoring

The EC continues the support for CS to ACP countries through:

- The current **GMES and Africa** Support Programme (2016 – 2020), WASCAL and SASSCAL are members of this Network/Programme (<http://gmes.africa-union.org/>)
- The **SAWIDRA Programme** (implemented by AfD Bank/ClimDev) aiming to strengthen the core capacities of the RCCs) to meet the needs of disaster risk management agencies, notably through exploiting data from meteorological polar-orbiting satellites (<https://sawidra-acmad.org/>)
- **EuroClima+** (Caribbean / Latin America) - <http://euroclimaplus.org/index.php/es/>
- The up-coming **Intra-ACP CS Programme**: RCCs to get GFCS accredited



**GMES
AND AFRICA**

Intra ACP CS

(2017-2020)

AU Commission-HRST

African Space Policy and Strategy

Pan-African

11+**2** Regional Consortia

Environmental monitoring services

- Water
- Natural Resources
- Marine

(2019-2024)

AU Commission-DREA

African Integrated Strategy on Meteorology
African, Caribbean and Pacific

5+**2** Regional WMO certified centers

Climate services

- Water
- Agriculture and Food Security,
- Disaster Risk Reduction
- Health
- Energy



Unlocking their inclusive innovation potential

Results & Impacts (2012-2018) achieved by the projects funded by the ACP science, technology, research and higher education programmes:

https://www.acp-hestr.eu/sites/default/files/upload_document/Compendium_CC_190228_final_2.pdf

✓ **The ACP Science & Technology II Programme:**

- addressing the scientific divide in ACP countries
- strengthening ACP capacities in the areas of science, technology and innovation (STI)
- sector focus on **agriculture (productivity and food security) and energy access and efficiency.**
- The call for proposals (managed by AUC) awarded grants to 21 projects - all concluded

✓ **The ACP Research for Sustainable Development programme (Caribbean & Pacific component):**

- applied research projects particularly in the fields of agriculture and post-harvest, renewable and sustainable energy, water and sanitation, **and climate change.**
- the call for proposals awarded grants to 10 projects – all concluded.

✓ **EduLink II programme** outputs such as publications, platforms, capacity building tools



- ✓ **Research Grants through the AUC** (DG DEVCO)
 - ✓ <https://au.int/en/aurg/2018>
- ✓ **Platform for African – European Partnership in Agricultural Research** for Development Phase II (PAEPARD II) - <https://paepard.org/?ProjectPaepard>
- ✓ **EU Horizon 2020** (DG RTD & EU Research Agencies)
<https://ec.europa.eu/programmes/horizon2020/en>
- ✓ The Programmes implemented by **EC's Executive Agency for Small and Medium-sized Enterprises (EASME)** in the fields of SME support & innovation, environment, climate action, energy and maritime affairs **an opportunity for CTCN** - <https://ec.europa.eu/easme/en>
- ✓ Research /partnerships with Universities & Research Institutes at ad-hoc basis under GCCA+ (DG DEVCO)



Unlocking their inclusive innovation potential

- ✓ **The new ACP-EU programme to strengthen R & I capacity in ACP countries (FED/2018/038-651) is approved:**
 - <http://acp.int/content/unlocking-inclusive-innovation-potential-acp-countries-new-acp-eu-initiative>
- ✓ It includes support for:
 - **The R&I Policy Support Facility**
 - **The ACP Innovation Pilots Fund** will provide financial support for the implementation of projects related to one or more of the following themes:
 - i. Increasing access to digital literacy and use of emerging technologies;
 - ii. Creating better links between R&I skills development and labour market demand;
 - iii. Establishing effective synergies with the private sector;
 - iv. Integrating indigenous knowledge into formal knowledge systems and practices.
 - **The ACP Research & Innovation Hub**, a web-based platform serving the exchange and cross-fertilization of knowledge and experiences among the programme stakeholders and beneficiaries, and the synergies with other relevant practices and knowledge platforms.

EC /EU supports



ACP countries for

Unlocking their inclusive innovation potential

- ✓ **The new ACP-EU programme to strengthen R & I capacity in ACP countries (FED/2018/038-651):**
- ✓ A call for tenders to implement the Research & Innovation Policy Support Facility and the Hub components is currently open – **DEADLINE: 10/04/2019** (ref.: EuropeAid/140062/IH/SER/Multi)
- ✓ <https://webgate.ec.europa.eu/europeaid/online-services/index.cfm?do=publi.welcome&orderby=upd&orderbyad=Desc&searchtype=RS&aofr=140062&fbclid=IwAR0qb-Gxu99C2pNT5fpv4ox7lOP8GAAsb8ktxPHkEdJzNWviGKFCljMuFuw>

Key messages

- ✓ Policy Documents for R & I collaboration on Climate Change in particular with Africa in place
- ✓ EC supports this collaboration through various funding instruments, Horizon 2020, Devco funds
- ✓ For Climate Services and their embedment to thematic analysis and assessments, the new opportunities offered by the Copernicus C3S should be harnessed
- The outcomes/outputs of research projects can support the streamlining of CC and DRR in development policies.

- ✓ With a contribution of €4.1 billion from the **European Commission**, the EIP is expected to leverage more than €44 billion of investments by 2020.
- ✓ The principle of the mechanism is to combine EC grants with loans or equity from public and private financiers.
- ✓ The funding instrument for the EIP is **the European Fund for Sustainable Development (EFSD)**
- ✓ **EFSD** consists of:
 - The **EFSD Guarantee** with a value of €1.5 billion
 - The Blending Facilities under the African Investment Facility (AfIF) and the Neighbourhood Investment Facility (NIF) (€2.6 billion)
- ✓ **The EFSD is open to contributions from EU Member States, EFTA countries and other partners.** If the latter matched the EC contribution, as much as €88 billion by 2020 could be leveraged.

✓ **5 Investment widows:**

- Sustainable Energy and Connectivity,
- Micro, Small and Medium Enterprises (MSMEs) Financing,
- Sustainable Agriculture, Rural entrepreneurs and Agribusiness,
- Sustainable Cities
- Digital for Development

✓ **17 Development Finance Institutions (FDIs)** expressed interest in participating and assessed eligible by the EC:

- Summary table: https://ec.europa.eu/europeaid/sites/devco/files/181213-28-guarantees-table_en.pdf

✓ **How can an individual company submit a proposal?**

Two ways to do so:

- a) Submit a proposal through the one-stop shop managed by the European Commission:

https://ec.europa.eu/commission/eu-external-investment-plan/how-you-can-engage-external-investment-plan-one-stop-shop_en#onestopshop

- b) Contact the entrusted FDIs entities directly (Given in the summary table above).

✓ For inquiries concerning EU EIP: EC-EIP-EFSD-SECRETARIAT@ec.europa.eu

https://ec.europa.eu/commission/eu-external-investment-plan/external-investment-plan-progress-so-far_en



- ✓ Part of the EIP is the new **European Fund for Sustainable Development (EFSD)** as an integral financing mechanism to support investments by public financial institutions and the private sector (*€1.54 billion EFSD guarantee to leverage €17.5 billion in investment*)
- ✓ **28 guarantees schemes** approved
- ✓ **17 financial institutions** partnered up with the European Commission to unlock investments

11 Guarantees	Intermediated Lending for MSMEs and Agriculture
8 Guarantees	Sustainable Energy & Connectivity
3 Guarantees	Sustainable Cities
4 Guarantees	Digitalisation
2 Guarantees	Local Currency Financing

<https://ec.europa.eu/europeaid/sites/devco/files/181213-eip-28-guarantees-brochure-final.pdf>

Summary table: https://ec.europa.eu/europeaid/sites/devco/files/181213-28-guarantees-table_en.pdf



- ✓ 18/12/2018 - The first EFSD Guarantee Agreement, **the NASIRA Risk-Sharing Facility (€75 million guarantee)** at the EU-Africa Summit, Vienna, Austria.
- ✓ **Aims to:**
 - ✓ boost financing for micro-, small and medium-sized enterprises – one of the EIP's five priority areas – by addressing the high risks involved in lending to **under-served entrepreneurs in partner countries**
 - ✓ give them access to investment loans by **offering local financial institutions**, such as banks and microfinance institutions, portfolio guarantees containing loans to entrepreneurs.
- ✓ Focuses on **internally displaced people, refugees, returnees, women and young people**
- ✓ Expected to create or to support up to **800,000 jobs** and benefit those who usually struggle to access affordable loans for the Undeserved Populations



- ✓ €75 million of EC funds to leverage up to €750 million of investments for entrepreneurs in Sub-Saharan Africa and the EU Neighbourhood.
- ✓ The €75 million guarantee complemented by €8 million in technical assistance to support financial intermediaries and end-borrowers
- ✓ **<http://www.nasira.info/>**
- ✓ **E-mail: NASIRA@fmo.nl**



What is GET.invest?

- A European programme that mobilises investments in decentralised renewable energy (formerly known as RECP - The Africa-EU Renewable Energy Cooperation Programme)
- Supported by the EC, DE, SE, NL, and AT; to deliver on priority initiatives of the European Union and its member states
- Demand-driven approach with a mix of global and in-country activities
- Geographic focus on sub-Sahara Africa, activities in the Caribbean and Pacific regions in preparation
- Current pipeline represents (assuming 50% realisation): 🤝 50+ projects being supported, 💰 650m EUR investment volume, 🌡️ annual reduction of 1.050.000t CO2e, 👥 energy for 7m end-users
- Hosted on the European multi-donor platform GET.pro, implemented by GIZ

GET.invest is supported by



Development
Cooperation



How can GET.invest support?

Private sector mobilisation

- ✓ Stimulates partnerships and new project / business development
- ✓ Access information at www.getinvest.eu
- ✓ Attend GET.invest events

Pipeline development

- ✓ Gets existing projects (and businesses) ready for financing, feeding into financing instruments such as ElectriFI
- ✓ Access GET.invest Finance Catalyst at <https://www.get-invest.eu/finance-catalyst/>, inquiries at info@finance-catalyst.eu
- ✓ General inquiries: info@getinvest.eu

GET.invest is supported by



Development
Cooperation



Thank you for listening!

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