

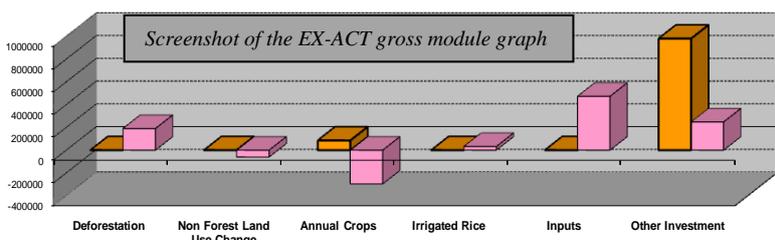


EX-ACT since its launch

*22 appraisals in 17 countries for a rough amount of 2 billions \$ appraised with the tool.
 EX-ACT training and presentation in over 20 countries for around 600 people.*

The third version is now available!

The **third version of the EX-ACT tool** is now available on the EX-Act website <http://www.fao.org/tc/exact/en/>. This more comprehensive version includes two new modules, “forest degradation” and “organic soils”. An additional “Gross Results” module has been added to indicate the gross GHG fluxes per scenario. This allows users to separately compare the without and with project flows and to distinguish avoided GHG emissions and net carbon sinks.



Better visibility of the EX-ACT tool

The third version of the EX-ACT tool is now also available in **Spanish** as well as in English, French, as well as the updated technical guidelines (in English).

Up-coming events

Marginal Abatement Cost Curves (MACC) analysis for the low carbon vision 2020 in the agriculture and forestry sectors of **Nigeria**. MACC is an efficient tool for decision makers reflecting the mitigation potential and the cost of different mitigation practices on a



single curve. To cope with some limits of the MACC models (rainforest foundation, 2010), the Nigeria appraisal integrates public and private costs as well as benefits.

World Bank projects

The World Bank (WB) is increasingly looking to assess the carbon footprint of its operational work across sectors. The work has advanced most in the energy sector but is now being extended to other sectors such as agriculture. The EX-ACT tool has been chosen in a context of cost-effective approaches to assess the carbon balance of seven agriculture and rural development operations across Bank regions.

Three new EX-ACT climate change policy briefs available in EASYPol

<http://www.fao.org/easypol/output/>

1. [Mainstreaming Carbon Balance Appraisal in Agriculture. EX-ACT: A Tool to Measure the Carbon-Balance](#)
2. [Climate Change and Agriculture Policies: How Far Should We Look for Synergy Building Between Agriculture Development and Climate Mitigation?](#)
3. [Climate Change Financing: What Are the Challenges and the Opportunities for Financing Agriculture in Africa?](#)

NAMAs as a key issue for Cancun

The emerging role of NAMAs (Nationally Appropriate Mitigation Actions) is coming out as a key entry point in the Country implementation framework and as a main element for scaling up mitigation support in developing countries. That will allow the agriculture sector to be considered in the Cancun agreement. The multiplication of fast track donor initiatives in mitigation is progressively driving to a NAMAs based scaling up mechanism.

More information on the Cancun agreement (climate focus analysis) available at:

http://www.climatefocus.com/documents/cp16cmp6_cancun_agreements

The “Plan Maroc Vert”

The carbon appraisal of the “Plan Maroc Vert” (PMV) has been assessed with the EX-ACT tool. Integrating Climate Change in the Plan Maroc Vert will strengthen the capacity of relevant stakeholders on climate change adaptation in agriculture in five Regions of Morocco. It is funded by the Special Climate Change Fund (SCCF) and supervised by the Global Environmental Facility (GEF) Secretariat.

The first results of the carbon appraisal show that the adoption of the project’s activities could mitigate a total of 53 Million tCO₂e during 20 years. This mitigation potential is mainly linked with the plantation of perennial crops (61.5% of the potential) and the adoption of Sustainable Land Management practices (21.5%) for the annual crop management.

Last EX-ACT Meetings overview

Stockholm Environmental Institute (SEI) training
 STOCKHOLM Sweden 22-24 February 2011

SEI is an independent international research institute engaged in environment and development issues at local, national, regional and global policy levels. In this line, two one-day sessions were organized targeting especially experts from the Swedish International Development cooperation Agency (SIDA), the Swedish International Agricultural Network Initiative (SIANI) and consulting firms.

An educational tool: the AgroParisTech-Engref training *MONTPELLIER France December 2010*

The EX-ACT tool was presented to about 30 Master II students and was included in the “Tropical forests and global change” session of the training and research group for the Environmental Management of Ecosystems and Tropical Forests of the AgroParisTech-Engref. As an educational exercise, three groups of students developed a Project Idea Note (PIN) on three projects in which they used EX-ACT i) Plantations on Bateke plateau in DRC, ii) Co-generation from sawmill waste in Gabon, iii) Carbon sinks in Haiti.

ADEME FAO proposal, toward the co experimentation of EX-ACT and ClimAgri tools *ANGERS France January 2011*

A meeting was held to launch a future partnership between ADEME (Agence de l'Environnement et de la Maîtrise de l'Energie- French Environment and Energy Management Agency), IRD (Institut de Recherche pour le Développement) and FAO to co-experiment EX-ACT and ClimAgri tools. This partnership will aim at comparing results, appraising potential synergies and complementarities in order that each tool provides its own utility within a package of GHG appraisals and local planning tools.

Toward a new partnership: the African Development Bank training *TUNIS Tunisia 09-11 February 2011*

ADB is progressively mainstreaming Climate Change (CC) into its operations, especially in the agricultural sector in view of the importance of this sector in stimulating economic growth in Africa and its high vulnerability to CC. In this framework, the ADB organized an EX-ACT training which allowed for discussions on the appraisal of the Mali Markala Sugar Project and about the standardization of carbon appraisal methods for rural ADB projects.



ADB Training in Tunis February 2011



Knowledge exchange and capacity enhancement workshop *KIGALI Rwanda 17-19 January 2011*

In the framework of the workshop on “Strengthen capacities to increase finance for sustainable land management through climate change financing mechanisms in Central Africa”, the EX-ACT tool was briefly presented by FAO for UNFCCC and UNCCD focal points of Central Africa. During the workshop, participants expressed the need to identify, formulate and implement financially feasible mitigation and adaptation projects/programmes. Consequently, the tool could be useful in this process to help decision makers in formulating projects with low carbon development strategies to benefit Sustainable Land Management (SLM) and UNCCD implementation.

The “Markala Sugar cane project”

The Markala project, located in the Office du Niger area, is the first public-private partnership between the African Development Bank, the Mali and ILOVO Sugar Company. It will help to cover the country's sugar needs and transform the country in a sugar exporter in the long term by planting 14 132 ha of irrigated cane. It will also provide 15 million litres of ethanol and the cogeneration of 30MW of electricity.

The first results of the *ex-ante* carbon appraisal show that the project could create a sink of more than 200 000 t CO₂e over 20 years, link mainly to the production of ethanol in substitution of fossil fuel while the high use of input should be the main source of emission.

FAO workshop “Carbon management in agriculture” *IZMIR Turkey 1-4 March 2011*

This workshop was proposed to the Ministry of Agriculture and Rural Affairs (MARA) and the Ministry of the Environment and Forestry within the “Enhancing the Capacity of Turkey to Adapt to Climate Change” project as a part of institutional capacity building activities. Participants had the opportunity to i) discover the EX-ACT tool during a short half day hands-on training and, ii) use the tool on some options proposed within the 2006-2010 National Strategy regarding climate change activities.

The FAO-EX-ACT team* supports the appraisal of agriculture and forestry projects all over the world.

Please contact us if you are interested.

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We welcome your questions and feedback, they will help us make this newsletter more useful and interesting for you.

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