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THE MITIGATION OF CLIMATE CHANGE IN AGRICULTURE (MICCA) PROGRAMME: MONITORING AND ASSESSMENT OF GHG EMISSIONS AND MITIGATION POTENTIALS IN AGRICULTURE

GREENHOUSE GAS EMISSIONS AND MITIGATION POTENTIAL DATABASE

Many developing countries have neither the data nor the capacity to carry out greenhouse gas inventories, especially in the category Agriculture, Forestry and Other Land Use (AFOLU). To assist countries in this area, FAO's MICCA Programme has begun a three-year project to establish a greenhouse gas emission and mitigation potential database. The database will provide the data and analysis needed to formulate policies and strategies that may be eligible for financing through the Green Climate Fund via their Nationally Appropriate Mitigations Actions (NAMAs). The database will expand relevant environmental domains and accounting systems within FAOSTAT and directly contribute the Intergovernmental Panel on Climate Change (IPCC) 5th assessment report.

A PORTAL LINKING CLIMATE CHANGE MITIGATION WITH RURAL DEVELOPMENT AND FOOD SECURITY

The database will be the core of on-line information portal that will provide countries with the knowledge, tools and guidelines they need to identify national mitigation goals. The portal will include information on life cycle analysis of agricultural production systems that will allow countries to determine where they can reduce emissions most effectively. It will also identify areas where climate change mitigation initiatives can be used to boost food production and make agricultural ecosystems more resilient. The portal, which will go on line in 2013, will be an important resource that countries can use to design and implement policies and programmes to foster rural development and safeguard food security.

THE MICCA PROGRAMME

Launched in 2010, the MICCA is working to make agriculture more climate-smart. A multidisciplinary programme funded by Finland, Germany and Norway, MICCA builds on FAO's longstanding work in agriculture, food security and natural resource management, and collaborates with international and national organizations. MICCA complements other FAO and United Nations efforts to address climate change and collaborates with the UN-REDD Programme.



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