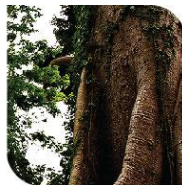




**Global Strategy**  
IMPROVING AG-STATISTICS



# **GENERAL OVERVIEW OF THE RESEARCH PROGRAMME DEVELOPED BY THE GLOBAL OFFICE IN 2013**



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## THEMATIC DOMAINS (1)

<p>Framework for agricultural statistics</p>	<ul style="list-style-type: none"> <li>•The conceptual framework (SEES – AGRI)</li> <li>•Mainstreaming agriculture into NSDS</li> <li>•Integrated Survey Framework</li> </ul>
<p>Improved methodologies for master sampling frame</p>	<p>Identifying the most appropriate area frame for specific landscape types</p>
	<p>Using GPS, GIS and remote sensing for setting up master a sampling frame for integrated survey</p>
	<p>Improving methods for linking area frames with list frames</p>



## THEMATIC DOMAINS (2)

Data collection methods	Estimating crop area, yield and production of: <ul style="list-style-type: none"><li>•mixed crops</li><li>•repeated cropping</li><li>•continuous cropping</li><li>•root crops</li></ul>
	Estimating post harvest loss and use of pesticides
	Estimating the cost of production in developing countries
	<ul style="list-style-type: none"><li>•estimating livestock and livestock products</li><li>•enumerating nomadic livestock</li></ul>
	Adopting new technologies
	Inland fishery and aquaculture
	Irrigated area and use of water for irrigation



## THEMATIC DOMAINS (3)

Food security	<ul style="list-style-type: none"><li>● food security statistics</li><li>● food stocks</li><li>● edible forest products</li></ul>
	Use of Nutrition indicators for food security indicators
	Use of households surveys / LSMS for food security indicators
Market information	<ul style="list-style-type: none"><li>● estimating farm gate prices</li><li>● collecting data on agriculture rural and border market prices</li><li>● estimating informal cross border trade data</li><li>● collecting data on factors and product markets affecting agricultural activities and impact of bio-fuel on the market</li></ul>



## THEMATIC DOMAINS (4)

Data analysis	<ul style="list-style-type: none"><li>• reconciliation of census data with survey data</li><li>• determination of user's information needs for decision making</li><li>• use of small area estimation methods for improving agricultural statistics</li><li>• crop forecasting and early warning</li></ul>
Administrative data	Improving the quality of administrative data
	More efficient and robust methods to use administrative data for improving agricultural statistics
Gender related data and indicators	<ul style="list-style-type: none"><li>• appropriate indicators</li><li>• data to be collected and survey designs</li></ul>



## THEMATIC DOMAINS (5)

Small scale fisheries	Frame and methods for appropriate data collection
	Estimation of self-consumption
Better integration of geographic information and statistics	Robust and statistically based methods for spatial disaggregation and for integrating various kinds of geographical information and geo-referenced survey data
	Spatial interpolation and presentation





## THEMATIC DOMAINS (6)

Remote sensing	More efficient and accurate methods for using remote sensing
	Evaluating cost efficiency of remote sensing in developing countries
	Improving methods for using AFRICOVER or more detailed land use/cover data-bases
Agri-environment	<p>Identifying indicators and data for:</p> <ul style="list-style-type: none"><li>•Agro-environmental indicators</li><li>•Interactions among climate, environment, and agriculture</li><li>•Impacts of biofuels and genetically modified organisms on biodiversity and the environment</li><li>•Deforestation and land cover change</li></ul>

# PROGRESS

- 6 months progress report approved by Global Steering Committee 28 June 2013
- Considerable work for:
  - Developing the plan of action
  - Collecting relevant information concerning ongoing or already completed research activities
  - Identifying potential partners







## FOR 10 RESEARCH TOPICS SIGNIFICANT PROGRESS MADE

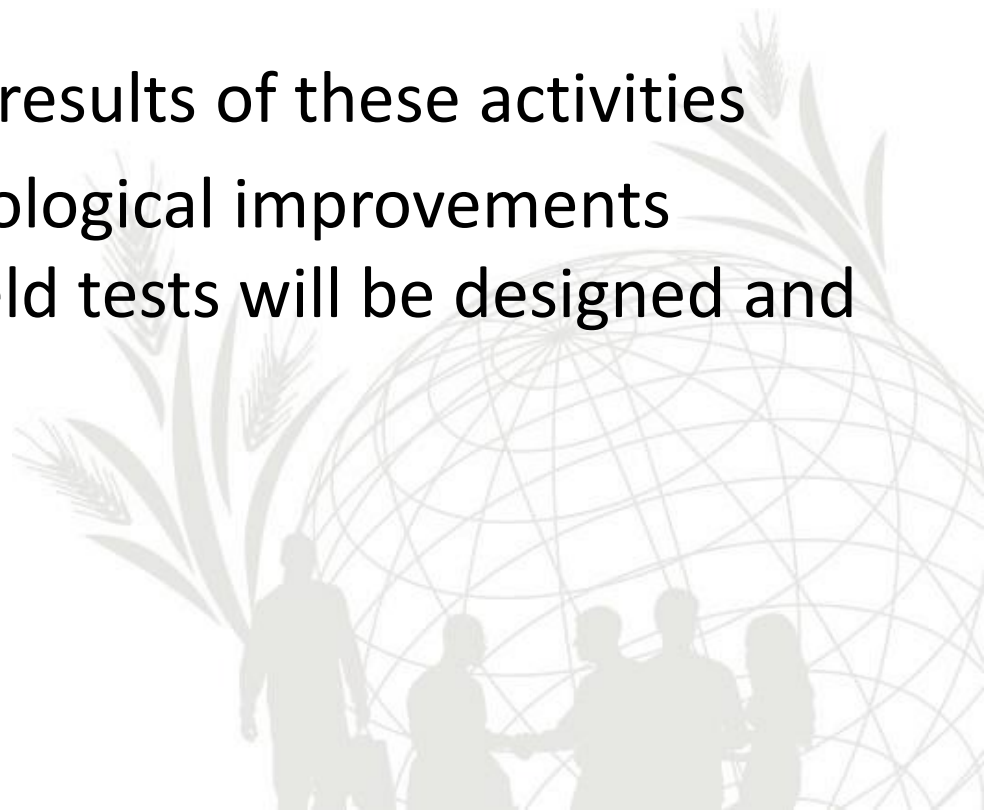
- Information on the ongoing or already completed research activities collected
- Partnerships established and activities of the partners coordinated
- Relevant literature identified and reviewed and reports prepared





## NEXT STEPS TILL THE END OF 2013

- Identify and analyse gaps and remaining methodological issues and propose possible solutions
- Organize workshop on results of these activities
- Test proposed methodological improvements (where appropriate, field tests will be designed and conducted)





# MAIN ACTIVITIES FORESSEEN FOR 2014

- Prepare technical reports on findings and recommendations for possible solutions to methodological issues
- Submit the technical reports to peer review and validation
- Disseminate the results
- Finalize a methodological publication





## PROGRESS AND ISSUES

- For 8 research topics activities started, still require efforts for reaching the objectives
- Research topic “Improving methods for estimating livestock and livestock products” activities postponed to 2014
- **Issues:**
  - Identifying the most qualified partners, possibly from developing countries presented difficulties
  - Administrative work for establishing partnerships long and complex
  - Contractual arrangements very time consuming
  - Delayed implementation for several research topics



## THANK YOU

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