

Research and Extension (R&E): Capacity Building for Rural Innovation

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FAO R & E supports . . .

Agriculture and rural development by enhancing national agricultural **research institutions** and **extension services** through **capacity development** involving **assessments, policy advice, institutional reorientation** or **strengthening** and **human resources development**



FAO R & E facilitates . . .

FAO's participation in international initiatives and efforts in agricultural research and extension such as the Global Forum on Agricultural Research (**GFAR**), the Consultative Group for International Agricultural Research (**CGIAR**), the Neuchâtel Initiative (**NI**), and the UN Roundtable on Communication for Development (**UNR4CD**).



Research and Extension Division

□ Currently, Division in Natural Resources Department

- 12 PS
 - 6 GS
 - 10 CGIAR
 - 3 GFAR
- Research & Extension Unit**

31 staff

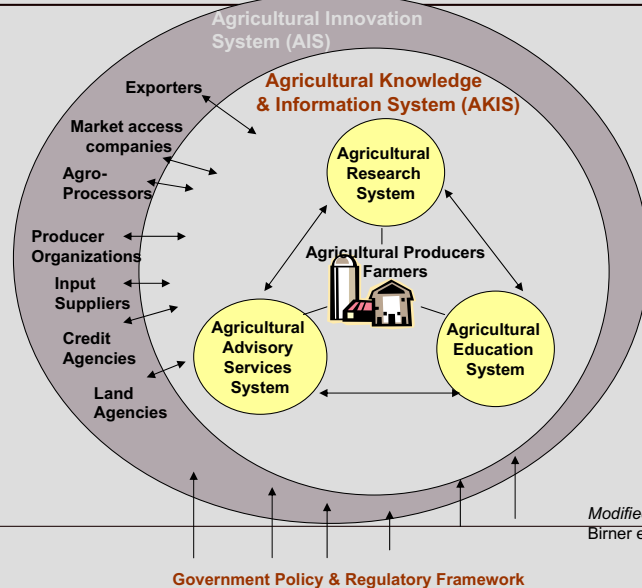
- 5-10 consultants and interns
- Outposted officers reporting in two regions

. . . **looks like moving to a special unit the FAO DDG Knowledge in 2010**

- *Whose function will be to provide leadership & to coordinate internal/external capacity development, knowledge exchange (in a group of about 100 people)*



R&E Focus: on the *Agricultural Knowledge and Innovation sub-System of AIS*



Recent Divisional Activities

Involvement in . . .

61 technical assistance projects (national and regional) in research, extension, Com4Dev, and Education for Rural People

Organization of regional and national **training, workshops and conferences**, preparations for global biotechnology conference and GCARD conference in 2010

Information products, communication tools and concepts



Technical Assistance

- ❑ Communication for Sustainable Development Initiative (GCP: FAO/Italy)
 - Supporting innovative ComDev applications to sustainable management of natural resources in developing countries
 - Attention to **Climate Change Adaptation**
 - Normative activities, field components, and networking
 - Bangladesh, Bolivia, Caribbean, Democratic Republic of Congo



Technical Assistance

- ❑ Formulation of AgBiotech R&D Programme in Sri Lanka (TCP)
 - **Assessment** of existing capacities (HR, facilities) and on-going activities
 - **Stakeholder workshops** for analysis of needs, priority setting, analysis of existing institutional and HR capacities, opportunities, formulation of programme and investment plan
 - **Capacity building** of scientists, extensionists, farmer representatives, decision makers in various aspects of biotechnology



Technical Assistance

- ❑ Rural Knowledge Network Project (GCP: FAO/IFAD)
 - Based on experiences of FFS: addresses marketing problems of small holders
 - Facilitating small holders access to markets in East Africa through **support of commercially viable market access services** using communication tools (email, mobile phone, SMS, face to face, internet) for core services of market access business and **business to business learning**



Technical Assistance

- ❑ Reorientation and strengthening of advisory systems in other countries: *Bolivia, Peru, South Africa, Belize...*
- ❑ Strengthening of human capacity development
 - *West Balkan*: Project development with all stakeholders of six countries
 - *China*: reinforcing of agricultural training centers and South-South Cooperation



Technical Assistance

- ❑ Swaziland Rural Development Project (GCP/EC)
 - Review and reform of the research and extension systems
 - Improving productivity of small holders and their marketing opportunities
- ❑ Assessment and development of the advisory system in Niger in a stakeholder process (FAO/EC)



Recent Information Products (Normative Work, examples)

Reform & Revitalization: *Global Review; Policies and Strategies for Reform CD; Nicaragua & Pakistan Reform Case Studies; Extension Indicators & Investments*

ICTs & Development: *Participatory Communications Strategies & Design; Impacts of ICTs in Development*

Climate Change: *Forum on Coping with Water Scarcity, what roles for biotechnology?*

Biotechnology: *Multilingual Glossary CD; Socio-economic Impacts of Non-transgenic biotechnologies in developing countries*



Communication Tools and Concepts for Innovation System Linkages

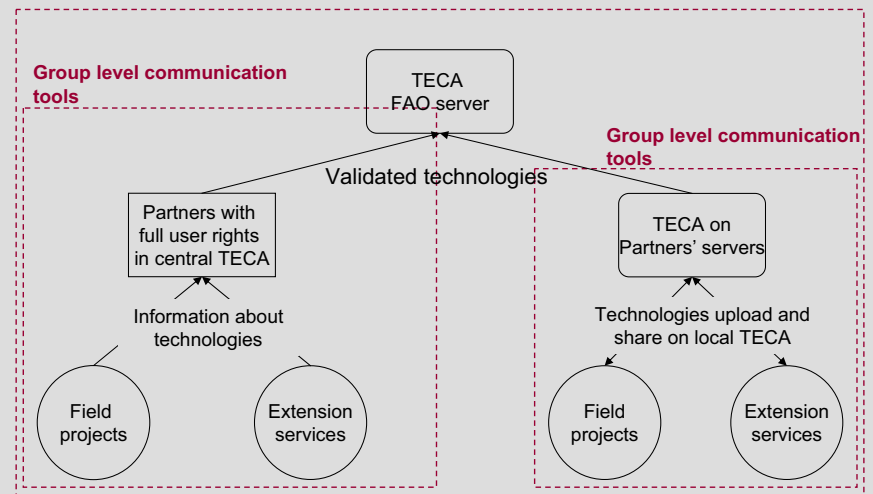


- *TECA II (standardized documentation of proven technologies, web 2 functions)*
- *Communication networks (VERCON, RADCON)*
- *Rural Radio*
- *Education for Rural Radio Toolkit*



TECA II. Technology development, validation and sharing

Open communication tools



Thank you

For more information:

<http://www.fao.org/nr/research/res-home/en/>

<http://www.fao.org/nr/comed/comed-home/en/>

<http://www.fao.org/teca>