

Agricultural Innovation Systems

AN INVESTMENT SOURCEBOOK

AGRICULTURE AND RURAL DEVELOPMENT

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Agricultural Innovation Systems

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ABBREVIATIONS

AACREA	Asociación Argentina de Consorcios Regionales de Experimentación Agrícola (Argentine Association of Regional Consortiums for Agricultural Experimentation)
ABI	agri-business incubation
AERI	Agricultural Exports and Rural Income Project
AFAAS	African Forum for Agricultural Advisory Services
AGLED	Agricultural, Livestock, and Enterprise Development
AIS	agricultural innovation system
ARDA	Agriculture and Rural Development, World Bank
ATMA	Agriculture Technology Management Agency (India)
ATS	agricultural technical school
ATVET	agricultural technical–vocational education and training
BACET	Building Agribusiness Capacity in East Timor
BDS	business development services
BRAC	Acronym is now official name
CAADP	Comprehensive African Agriculture Development Programme
CAC	Codex Alimentarius Commission
CATIE	Tropical Agriculture Research and Education Center
CBR	community-based research
CGIAR	Consultative Group on International Agricultural Research
CGPs	competitive grant programs
CIAT	Centro Internacional de Agricultura Tropical (International Center for Tropical Agriculture)
CILSS	Comité Inter-états de Lutte Contre la Sècheresse au Sahel (Committee for Drought Control in the Sahel)
CIMMYT	Centro Internacional de Mejoramiento de Maíz y Trigo (International Maize and Wheat Improvement Center)
CIP	Centro Internacional de la Papa (International Potato Center)
CIRAD	Centre de Coopération Internationale en Recherche Agronomique pour le Développement (Agricultural Research for Development, France)
CLAYUCA	Consorcio Latinoamericano y del Caribe de Apoyo a la Investigación y al Desarrollo de la Yuca (Latin American and Caribbean Consortium to Support Cassava Research and Development)
CMSA	community-managed sustainable agriculture
CNFA	Citizens Network for Foreign Affairs

COFUPRO	Coordinadora Nacional de las Fundaciones Produce (National Coordinating Agency of Produce Foundations), Mexico
CORAF	Conseil Ouest et Centre Africain pour la Recherche et le Développement Agricoles
CSO	civil society organization
DHRUVA	Dharampur Uththan Vahini (Vanguard of Awakening in Dharampur) (Gujarat)
DIPP	Disease Intellectual Property Plan
EARTH	Escuela de Agricultura de la Región Tropical Húmeda (EARTH University), Costa Rica
ECOWAS	Economic Community of West African States
EMBRAPA	Empresa Brasileira de Pesquisa Agropecuária (Brazilian Agricultural Research Corporation)
EU	European Union
F2F	Farmer to farmer
FAO	Food and Agriculture Organization of the United Nations
FBO	farmer-based organization
FFS	Farmer Field School
FIA	Fundación para la Innovación Agraria (Foundation for Agricultural Innovation), Chile
FIC	Fondo de Innovación para la Competitividad (Innovation Fund for Competitiveness), Chile
FIF	Farmer Innovation Fund
FOB	free on board
FPEAK	Fresh Produce Exporters Association of Kenya
GAP	good agricultural practice
GDP	gross domestic product
GE	genetically engineered
GFRAS	Global Forum for Rural Advisory Services
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit (German International Cooperation Agency)
GLOBALG.A.P.	Global Good Agricultural Practices
GM	genetically modified
GMO	genetically modified organism
GPSG	global positioning systems
HACCP	Hazard Analysis and Critical Control Point
HRD	human resource development
HRM	human resource management
IAP	innovative activity profile
ICAR	Indian Council of Agricultural Research
ICI	Imperial Chemical Company
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics
ICT	information and communication technology
IDRC	International Development Research Centre
IFAD	International Fund for Agricultural Development
IFDC	International Fertilizer Development Center
IFPRI	International Food Policy Research Institute
IIRR	International Institute of Rural Reconstruction
ILAC	Institutional Learning and Change Initiative (CGIAR)
ILO	International Labour Organisation
ILRI	International Livestock Research Institute
INCAGRO	Innovación y Competitividad para el Agro Peruano (Innovation and Competitiveness Program for Peruvian Agriculture)
INSAH	Institut du Sahel (Sahel Institute)

IP	intellectual property
IPO	initial public offering
IPR	intellectual property right(s)
IRR	internal rate of return
ISNAR	International Service for National Agricultural Research
ISO	International Organization of Standardization
IT	information technology
KfW	Kreditanstalt für Wiederaufbau (KfW Development Bank, Germany)
KHDP	Kerala Horticultural Development Programme
KIT	Koninklijk Instituut voor de Tropen (Royal Tropical Institute), the Netherlands
KTDA	Kenya Tea Development Agency
LBDSs	Local business development services
LCSAR	Latin America and Caribbean Region, Agriculture and Rural Development (World Bank)
LISFs	Local Innovation Support Funds
LSA	livelihood services adviser
LSP	livelihood services provider
M&E	monitoring and evaluation
MOFA	Ministry of Food and Agriculture, Ghana
MUCIA	Midwest Universities Consortium for International Activities
NAADS	National Agricultural Advisory Services, Uganda
NAIP	National Agricultural Innovation Project, India
NARI	national agricultural research institute
NARS	national agricultural research system
NDDDB	National Dairy Development Board, India
NGO	nongovernmental organization
NIA	National Innovation Agency, Thailand
NIS	national innovation system
OECD	Organisation for Economic Co-operation and Development
OIE	Office International des Epizooties (World Organisation for Animal Health)
PASAOP	Programme d'Appui aux Services Agricoles et aux Organisations Paysannes (Agricultural Services and Farmer Organization Support Program), Mali
PIPRA	Public Intellectual Property Resource for Agriculture, University of California, Davis
PPP	public-private partnership
PRONEA	Programa Nacional de Extensão Agrária (National Agricultural Extension Program), Mozambique
PVP	plant variety protection
PVR	plant variety rights
R&D	research and development
RAS	rural advisory services
RD&D	research, development, and deployment
RUFORUM	Regional Universities Forum for Capacity Building in Agriculture
SACCO	Savings and Credit Cooperative
SAFE	Sasakawa Africa Fund for Extension Education
SAU	State Agricultural University, India
SDC	Swiss Agency for Development and Cooperation
SERP	Society for the Elimination of Rural Poverty
SHG	self-help group
SMART	specific, measurable, attainable, realistic, and timely
SMEs	small and medium enterprises

SNIC	Sistema Nacional de Innovación para la Competitividad (National System of Innovation for Competitiveness), Chile
SOCAD	State Office for Comprehensive Agricultural Development, China
SPS	sanitary and phytosanitary
SSA	Sasakawa Africa Association
SSTAB	Short-Term Technical Assistance in Biotechnology
STI	Science, Technology, and Innovation; Office of Science, Technology, and Innovation, Thailand
T&V	Training and Visit
TBT	Agreement on Technical Barriers to Trade
Tekes	Teknologian ja innovaatioiden kehittämiskeskus (Finnish Funding Agency for Technology and Innovation)
TIA	Technology Innovation Agency, South Africa
TN	thematic note
TRF	Thailand Research Fund
TRIPS	Agreement on Trade-Related Aspects of Intellectual Property Rights
TTO	Technology Transfer Office
TVET	technical–vocational education and training
UCC	University of Cape Coast (Ghana)
UNESCO	United Nations Educational, Scientific, and Cultural Organization
UNIDO	United Nations Industrial Development Organization
UNU	United Nations University
UPOV	Union Internationale pour la Protection des Obtentions Végétales (International Union for the Protection of New Varieties of Plants)
VET	vocational education and training
VFPCCK	Vegetable and Fruit Promotion Council, Kerala
VO	village organization
WAEMU	West African Economic and Monetary Union
WECARD	West and Central African Council for Agricultural Research and Development
WHO	World Health Organization
WIPO	World Intellectual Property Organization
WTO	World Trade Organization