

## List of Selected Output-based Achievements of ASF

### International Certifications

- GlobalGAP Certifications – Citrus (16 PMOs/Exporters & 324 registered farmers)
- GlobalGAP Certifications – Mango (3 PMOs representing 19 exporters/farmers)
- HACCP Certifications (14)
- British Retail Consortium (BRC) Certifications ( 16)
- ISO 22000 Certifications ( 22)
- Organic Certification (1)

### Training Programs & Other BDS Providers' Capacity Building Initiatives

- More than 100 BDS Providers from all over country providing diversified range of BDS registered in ASF database which is also available to general public on ASF website
- GlobalGAP Train-the-Trainer Program conducted by international trainer (31 participants)
- One-week Training Program on Entrepreneurship (Agribusiness) in collaboration with ECI (Pvt) Ltd (31 participants)
- One-month residential Dairy Training Program in collaboration with Nestle conducted by international trainers (24 participants)
- 3 one-week training programs on Tunnel Farming in collaboration with University of Agriculture Faisalabad and Arid Agriculture University Rawalpindi. (144 participants)
- Support to ECI (Pvt) Ltd (a private-sector training solutions provider) to establish an in-house specialized Agribusiness Training division called Institute for Development & Education of Agribusinesses (IDEA) to cater to the training requirements of agribusiness sector
- 2 Training Programs on British Retail Consortium (BRC) 3<sup>rd</sup> Party Auditor Training conducted by international trainer ( 26 participants)
- Series of Training Programs on Tunnel Farming by Agri Development Services - ADS (70 participants)
- Three-days training program on Controlled-Atmosphere (CA) Technology in collaboration with University of Agriculture Faisalabad (UAF) conducted by international trainer (42 participants)
- Summer Course Program on Ornamental Plants Production in collaboration with NWFP Agriculture University, Peshawar (25)

- Summer Courses program in collaboration with Arid Agriculture University Rawalpindi (UAAR), titled "Certified Gardner Course", "Tissue Culture Lab Technician", "Home Gardening", "Professional Floristry", "Nursery Management", "Flowers Arrangement". (Funding approved for 300 participants)
- Summer Courses in collaboration with University of Agriculture Faisalabad (UAF), titled "Dairy Farm Management" & "Mushroom Cultivation". (Funding approved for 150 cases)
- Training Program on Entrepreneurship in collaboration with Lahore University of Management Sciences – LUMS (8 participants)
- Business Plan Competition in collaboration with LUMS (KAAVISH)
- 2 one-week Training Programs on Dairy Farm Management for Managers/Owners in collaboration with COMSATS Institute (50 participants)

#### Capacity Building Support to Partner Organizations and Training of Small Farmers

9 Non-Government Organizations (NGOs) and Rural Support Programs (RSPs) selected and provided capacity building support to form total 1,250 Farmer Enterprise Groups (FEGs) consisting of more than 12,500 farmers. These NGOs/RSPs include:

- Agha Khan Rural Support Program (AKRSP)
- National Rural Support Program (NRSP)
- Sarhad Rural Support Program (SRSP)
- Sindh Rural Support Program (SRSP-Sindh)
- Rural Community Development Society (RCDS)
- LASOONA
- Sindh Agricultural and Forestry Workers' Coordinating Organization (SAFWCO)
- Taraqee Foundation
- Centre of Excellence in Rural Development (CERD)

More than 12,000 FEG-member small-scale farmers have been provided following trainings through the partner NGOs/RSPs:

- FEGs management skills training
- Leadership management skill trainings for clusters

- Accounts and fund management training
- Farmer field schools for livestock and horticulture
- Horticulture / Livestock extension training
- Chilling unit operation techniques
- Hygienic milk handling techniques
- Silage making and urea treatment techniques
- Community based livestock and agriculture extension training
- Exposure visits
- Guidance in grant proposal preparation for ASF
- Linking FEGs with other organizations for marketing support

#### Infrastructure Projects - Start-up SMEs/Agribusinesses/Farmer Enterprise Groups (FEGs)

- Fresh produce cold storage start-ups, including 2 processing & grading facilities (8)
- Milk collection & chilling centers (37 projects represented by 820 male and 50 female farmers)
- Milk processing (cream separation & marketing) – (15 projects represented by 130 male and 20 female farmers)
- Potato chips manufacturing (1 project represented by 50 farmers)
- Cheese production & marketing (2 projects represented by 20 farmers)
- Cultivation & marketing of cut flowers (40 projects represented by 362 male and 30 female farmers)
- Dehydration units for fruits and vegetables (110 projects represented by 719 male and 608 female farmers)
- Desi Ghee Production, Packaging & Marketing (9 projects represented by 25 male and 67 female farmers)
- Establishment of a model sheep and goat shelter & breed improvement (1 project represented by 10 farmers)
- Establishment of a farm service centre for fruits and vegetables (10 projects represented by 124 farmers)
- Establishment of fruit nurseries (39 projects represented by 388 male and 39 female farmers)
- Establishment of grape orchards (2 projects represented by 26 farmers)

- Establishment of floriculture nurseries (39 projects represented by 342 male and 53 female farmers)
- Mushrooms cultivation & marketing (9 projects represented by 30 male and 69 female farmers)
- Onion seed production, packaging and marketing (26 projects represented by 233 male and 32 female farmers)
- Glass house solar dehydration units for fruits & vegetables (4 projects represented by 37 male and 8 female farmers)
- Pickles production, packaging and marketing (10 projects represented by 10 male and 95 female farmers)
- Potato seed production, packaging and marketing (15 projects represented by 117 male and 37 female farmers)
- Processing of walnut, mulberry fruits; and marketing (4 projects represented by 32 male and 8 female farmers)
- Off-season vegetables production in tunnels/green houses (108 projects represented by 914 male and 268 female farmers)
- Strawberry cultivation, packaging and marketing (8 projects represented by 80 farmers)
- Tomato seedlings production; tomato paste production (73 projects represented by 698 male and 52 female farmers)
- Guava juice production and marketing (7 projects represented by 60 male and 10 female farmers)
- Dates processing and syrup production unit
- A common facility/resource centre for dairy farmers association
- Farm-level Mango washing, drying, grading and packing units (10 units)

#### BDS Support to existing SMEs/Agribusinesses

A diversified range of BDS support to the existing SMEs/Agribusiness provided. This includes: feasibility studies, business plans, international certifications, software purchase, counseling, advisory & legal services, accounting services, designing of accounting and farm information management software, marketing, participation in international exhibitions, international market exploration visits, packing & branding, development of brochures and other promotional material development, website development, technical consultancy for dairy farm set up, tunnel-farming , cold-storage set up, and other technical services; transport and delivery , including insurance charges, as a part of project cost, development of samples for potential buyers, design &

development of packing and improvement in existing packing, and other technical assistance and advisory services.

#### Private-Sector Agriculture Extension Services

Support to private-sector companies to launch horticulture and livestock extension services projects (16 projects launched so far)

#### Demand-Driven Research & Development Projects

8 projects for Research & Development activities have been launched so far.

Major projects under this category include: Trial shipments of Mango by sea under controlled atmosphere, essential oil extraction, banana tissue culture lab, pollination management, & bio fuel extraction through Jatropha plant.