

## HIGH EFFICIENCY IRRIGATION SYSTEM (HEIS), GREEN HOUSE DRIP IRRIGATION AND STRENGTHENING KITCHEN GARDENING

**High Efficiency Irrigation System (HEIS)** is the accurate, efficient and practical method of delivering water to crops that allows farmers to maximize profitability with less consumption of water and minimize the use of resources. With drip irrigation, many farmers have successfully increased crop yield and/or quality to increase income, while at the same time reduced the costs of water, fertilizer, energy, labor, weed control, chemical applications, equipment usage and crop insurance.



### Prepared Sites for Hands on training on design, installation and R&M of HEIS

The field demo site for training activities was prepared in coordination with the Directorate of Agriculture Extension, and their various sections i.e. Floriculture, Women Agric Division, Adaptive Research including Private Service Providers for setting up appropriate tools, and technologies for practical demonstration of HEIS techniques.

#### 1. GREENHOUSE, HEIS (DRIP IRRIGATION) & KITCHEN GARDENING FOR WOMEN

The RBWRP TA established training and demonstration sites across Quetta, Pishin, Loralai, and Khuzdar, including a upgraded greenhouse facility at Agriculture House, Sariab Road, Quetta in collaboration with the Floriculture & Women Extension Department. Through these sites,

the pilot initiative trained female extension staff and women farmers on water-saving High-Efficiency Irrigation Systems (HEIS) and drip irrigation within greenhouses, alongside kitchen gardening—aiming to raise awareness about water scarcity in Balochistan and advance women’s empowerment.



Training Workshop on Greenhouse, Kitchen Gardening and HEIS / Water Efficient Technologies for Women