The Project for Capacity Development of GLOF and **Rainstorm Flood Forecasting and Early Warning** Sep. 2013 - Sep. 2016 Output 2 DCP Satellite --> GTS data Network data A W Development of EWS W Observed Project Control Communication in the pilot basin data Purpose ς DHMS, Local Government, HF Power Corporation vilot basins Chamkharchhu Tsampa AWS Meteorological satellite Capacity of DHMS Mangdechhu, Chamkharchhu basin response against 50 100 km Met. data --Water level, (GPV etc.) Precipitation, Temperature. **Kagthang AWLS GTS Network** Data reception Jongthang AWLS GLOF and relevant stakeholders NWFFWC, Thimphu **Kurjey AWLS** (National weather flood forecasting and warning center) and rainstorm flood **Bjizam AWLS Control Center** Trongsa Dzong Warning Warning Jakhar Dzong **Control Center** on emergency is enhanced Warning 3 Sirens: Bjizam, Output Dam Site, Power Plant Capacity enhancement on disaster response at central level Mangdechhu basin :DHMS, DoES, DGM :DHMS Flood Risk Assessment Flood Forecasting and Warning :DHS. NLCS City Development Planning Local Government, Community, DDM, DHMS Mainstreaming of Disaster Risk Reduction :DDM

Dzong, Siren

NWFFWC,

DHMS

6 Sirens: Choekhor Toe Primary School, Kurjey, Wangdicholing, Bumthang Downtown, Gangrithang Primary School, Gyelkhar

Output 3 Strengthen of emergency response in the basin Community Based Disaster Risk Management: