Water and Livelihood Security

IMPETUS

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Background: Water plays a major role at all levels of livelihood security. Both personal wellbeing and economic activities of people crucially depend on the access to safe drinking water. However, a large proportion of the population in Benin is forced to use unsafe water or purchase supplementary water. The consumption of contaminated water seriously threatens the health status of the population resulting in lower productivity through sick leave and higher expenses for medical treatment, decreasing available income.

Goals: (1) Revealing interconnected facets regarding livelihood security and water, (2) identification of risk factors and strategies.

<u>Results</u>: Access to water and water quality have a strong impact on economy, nutrition and health. The population is shielded by informal networks aimed minimizing vulnerability (for detailed results see chart below).

Data & Integration: (1) data on a personal, communal and departmental level suitable for upscaling, (2) basic information for local capacity building, (3) incorporation into the Agricultural Sector Model, an expert model on water consumption and the medical problem complex.

THEMATIC	STATE INDICATORS	RESPONSE INDICATORS
Water	Water sources (number, use in %), water consumption level (ltr. / capita), sources with health risks (in %)	HOUSEHOLD
Work	Economic activities (in % of budget), income and expenses, savings and loans (FCFA)	BUDGET (FCFA / capita / year)
Nutrition	Consumption patterns: items, amounts (grams / capita)	RISK
Health	sick leave (days per capita and year), type of treatment (kind, %), costs of treatment (FCFA), share of waterborne diseases	STRATEGIES (kind, %)

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