

CGIAR Action Area Theory of Change: Systems Transformation

Innovation Demand & scaling & scaling **Demand Initiatives Challenges** partners partners **Outcomes** partners **Impact** Transformational agroecology Demand and scaling partners use across food, land and water systems knowledge gained from science-Nutrition, health and based assessments to implement National and High environmental footprint S2S: Transforming food systems **from** food security: Reduced agroecological options that are malnutrition of all forms, increased food safety and reduced risk of zoonotic diseases international of agriculture including GHG greenhouse gas sources to sinks economically viable, environmentally universities and emissions, loss of biodiversity, and sound and socially inclusive research centers damage to land and water systems **NEXUS** gains: Benefits across water-energy-food-forest-Carbon sequestration in agrifood International Agri-food systems are the world's biodiversity systems **Poverty reduction, livelihoods** systems is increased and green environmental groups largest employer but often fail to and jobs: Increased incomes, Ministries of energy is widely used more decent jobs, and improved provide decent livelihoods. Climate Agriculture, ClimBeR: Building systemic resilience Ministries of change will increase **vulnerability** Environment, Water, Government livelihoods with reduced precarity Environment, Health, against climate variability and Water use is deliberate and efficient Meteorology, Planning, Health and Finance of households, communities, and development agencies extremes Planning, Finance, reflecting national priorities and nations to a range of shocks Agriculture, Water and Gender Equality, youth and social inclusion: Increased agency regional equity Ministries of Energy Rethinking food markets and value **Policies and investments** must Agriculture, Water, Farmers/Women and opportunity for women, youth, chains for inclusion and sustainability National and subnational enable transformation of food, land, Planning and Finance and marginalized groups associations **UNFCC/NDC** agencies stakeholders lead food, land, and water systems that improve National policies and strategies and water system transformation human welfare and address **SME Incubators** Environmental health and biodiversity: Increased Development agencies for systems transformation and have the means to advance Smallholder farmers environmental challenges livelihoods, nutrition, environment, water and land use efficiency, restored biodiversity and soil health, reduced land and water degradation Impact investors and inclusion objectives River basin authorities Foresight and metrics for inclusive Water and energy Poor quality diets are the root of all and sustainable agrifood systems utilities forms of malnutrition and cause 22% Small holder farmers Smallholder farmers and value chain of premature adult deaths annually Water and energy and deforestation actors have increased means and SHiFT: Sustainable healthy diets Environmental skills for adapting to climate change through food systems transformation Food wholesalers agencies **Gender and social inequalities** are deeply entrenched within global Conservation agencies and mitigation: Reduced National policymakers, agri-food systems HER+: Harnessing equality for Water and energy GHG emissions and effective international organizations, and resilience in the agrifood system utilities adaptation at multiple scales market actors rely on innovative Food, land and water system tools for decision-making stakeholders lack timely access VF-Nutri: Reducing malnutrition River basin authorities Contributing to to data for decision-making and with vegetables and fruits National agencies, civil society SUSTAINABLE GOALS complex tradeoffs Seed companies networks, and private actors have Harnessing digital technologies for incorporated gender and inclusive decision-making across food, land transformative strategies and water systems 2030 2022 2024

SPHERE OF CONTROL

SPHERE OF INFLUENCE

SPHERE OF INTEREST