Other Impact: Resilience of people and adaptive capacity of countries in Africa improves to influences prepare for and respond to the effects of extreme weather, seasonal events and affecting contribution longer-term climate change **WISER Assumptions** people's resilience Sustained improvements in Weather and climate information is from CLARE, ARA, ARCAN sister pillars weather and climate information mainstreamed into policy, planning and services in Africa (adopted at scale decision-making (strengthening resilience and & sustained post WISER & Increased investment decisions) geographically) Increased uptake and use of weather & climate information services $% A_{A}=A_{A}$ as $A_{A}=A_{A}$ and $A_{A}=A_{A}$ demand for Ongoing WCIS supportive enabling Changes in outcomes demonstrating societal benefits environment (i.e. ex-post, effectiveness of response to using weather and climate information) For community users, e.g. changes in income, For institutions, observed positive changes in income saved, food security, loss of life, economic and/or non-economic value plans, policies, preparedness levels to extreme weather events investments, other decisions Pulling in and driving research driven evidence supporting enhanced weather and climate information services Behaviour change / changes in decisions / ability to act on and use weather and climate information Outcome: Enhanced weather and climate information services and/or evidence Medium Improved (e.g. SEB) is used to inform plans, policies and decision-making at regional, national, decisionchanges local level making value chain Influences potentially affecting use of weather and climate information in decision-making: perceptions of risk, trust, motivation, self-efficacy, cost, capacity, agency, incentives to WISER Assumptions act, socioeconomic status, awareness of an issue, personal experience, sense of urgency of being personally affected, social/behavioural/gender norms and roles, cognitive bias and heuristics, pre-existing knowledge and information bases, livelihood constraints, decision-making models, power differentials, organisational cultures Intermediate outcome: Improved awareness of the value Intermediate outcome: Near of using weather and climate information in decision-Better access to enhanced term making amongst users (e.g. SEB evidence/other analysis changes weather and climate demonstrating benefits of use in specific decision-making information services contexts) amongst users Getting evidence into use Output 1: Strengthened co-Output 2: Strengthened Output 3: Output 4: production between Strengthened networks, partnerships and Improved enabling and producers, intermediaries and designated regional and national policy environment for users to improve the uptake coordination mechanisms producers' capacity better delivery and and use of weather and that support the generation, to deliver enhanced sustainability of climate information services user led weather uptake and use of enhanced weather and climate across weather to climate and climate weather and climate information services information services timescales information services **WISER Assumptions** Output 5: Better evidence and learning, continually strengthening co-produced weather and climate information services and programme decision-making Governance and Holistic Equitable Support to producers, users and partnership Mentoring and intermediaries for cocapacity knowledge & development/strengthe equipping strengthening resource production, including ning for enhanced partnerships to of producers management & supporting innovative ways and weather and climate catalyse an of weather and learning within equitable inclusion to improve information services enabling policy climate and beyond **Possible** reach, uptake and use of (local, national, regional, environment Activities information services WISER global level) Broadened skill set **Improved** Maximise Governments in weather and of designated systemic effects Improved and trusted weather Africa recognise climate producers to and climate information by working in the importance services that enable information deliver and greater and priority of services that help optimise service community & institutional collaboration weather and people and users to make informed improvements across the Needs climate decisions with positive countries in across the weather and supported information by WISER outcomes, including around Africa adapt to weather and climate service climate value the impacts of early action information improvement

he climate crisis

chain

services space