

Windhoek energy storage for resilience

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Between August 2017 and February 2018, the cities of Harare, Windhoek, Lusaka and Durban conducted learning exchanges through START International's Global Environmental Change (GEC) Research in Africa and Small Opportunity Grants (SOGs) under the FRACTAL project. The visits brought together key city actors and academic researchers to share knowledge and experiences related to the on-going water (energy) and climate change work in the cities of Harare (Zimbabwe), Windhoek (Namibia), Lusaka (Zambia) and Durban (South Africa) (see Fig 1 for exchange visit routes).

The arrows indicate direction of exchange.

A suite of risks that are impeding sound service delivery in the four cities were identified in the workshops and city learning labs during the identification of city key issues (see Table 2). Chief among these were water security as a key risk of climate change. We also identified dynamics of water and solid waste; informal



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settlements; energy; water governance; and climate change planning and policy integration as presenting both problems and solutions across the cities. We present brief descriptions of the cities and summaries of key issues identified through desktop studies and during the city exchanges in order to provide city-specific contexts and as obtained from the sources of data shown in Table 1.

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