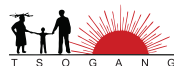




# Working Towards a Resilient Future

Climate change poses a global challenge with far-reaching impacts on critical sectors such as water, energy, and agriculture. In response, the Government of Flanders has allocated funding to a program aimed at addressing climate change and improving water utilization in the Giyani Municipal area. Led by the esteemed Water Research Commission (WRC) in collaboration with Tsogang Water and Sanitation (Tsogang), the Association for Water and Rural Development (AWARD), and the University of the Western Cape (UWC), this program endeavours to demonstrate climate-adaptive solutions and enhance water utilization practices in Giyani.



## PROGRAM OBJECTIVES

Strengthening the enabling environment: Mobilizing local authorities, institutions, communities, and market players to improve climate resilience and water utilization in Giyani. Improving water solutions: Developing and implementing energy, ground, and surface water solutions, including the Multiple Use Water Services (MUS) model and incorporating solar energy. Supporting post-project sustainability: Establishing models and partnerships to promote Water-Energy-Food (WEF) and Multiple Use Water Services (MUS) supply chain development strategies and opportunities.

## IMPACT AREAS

Strengthening the enabling environment: Creating a supportive framework for climate resilience and sustainable water management through collaboration and engagement with stakeholders. Scaling and optimizing Multiple Use Water Systems, services, and alternate energy options: Expanding the MUS model to meet water needs, introducing solar energy options, and diversifying water sources. Supporting local economic development and post-project sustainability: Empowering local businesses, creating job opportunities, and aligning with long-term sustainability strategies.

## IMPLEMENTATION APPROACH

- Knowledge exchange, capacity building, and coordination to ensure effective project implementation.
- Tailored engagement, social learning, and change interventions specific to the local context.

- Establishing a Local Authority component and conducting Knowledge Transfer workshops.
- Monitoring, evaluation, and learning activities to inform decision-making and program improvement.
- Inclusive engagement with political stakeholders and cross-sector alignment for effective implementation.

The Giyani LSCR Programme aims to promote climate resilience, improve water utilization, and create socio-economic opportunities for the local community. Through collaborative efforts, innovative solutions, and strategic partnerships, the program seeks to make a lasting impact on the community and environment in Giyani.



## STRENGTHENING THE ENABLING ENVIRONMENT

The Giyani LSCR Programme endeavours to strengthen the enabling environment in key communities of Giyani to promote climate resilience and improved water utilization for environmental, social, livelihood, and economic activities. The program is guided by the following key objectives:



### Establishing and improving the rights and capabilities of all key beneficiaries and stakeholders:

The program recognizes the significance of empowering local communities, institutions, and individuals to actively participate in decision-making processes and contribute to sustainable water management practices. By enhancing the rights and capacities of stakeholders, the program aims to ensure their active involvement in shaping the management and utilization of water resources.

### Achieving a sustainable balance between social, economic, and environmental water needs:

Water plays a vital role in social well-being, economic development, and environmental sustainability. The program seeks to strike a balance between these competing demands, ensuring that water resources are

used in a manner that meets the needs of all stakeholders while also safeguarding the environment. By promoting sustainable water management practices, the program aims to optimize water utilization for the benefit of present and future generations.

### Strengthening governance structures and mechanisms for effective water management:

Effective governance is critical for ensuring transparent, accountable, and participatory decision-making processes in water management. The program aims to strengthen the governance structures and mechanisms at various levels, fostering collaboration and coordination among stakeholders. By promoting good governance practices, the program seeks to enhance the efficiency and effectiveness of water management in Giyani.



## MULTIPLE USE WATER SERVICES (MUS) AND ALTERNATE ENERGY SOLUTIONS



### Multiple Use Water Services (MUS):

The program promotes the adoption and expansion of the MUS model, which emphasizes the integrated use of water for multiple purposes, such as domestic use, agriculture, livestock, and small-scale enterprises. By implementing MUS systems, the program aims to enhance water availability and access, improve livelihoods, and strengthen local resilience to climate change.

### Alternate Energy Solutions:

The program recognizes the importance of sustainable energy sources in water management. It aims to incorporate alternate energy options, such as solar energy, in the design and operation of water supply systems. By harnessing renewable energy, the program seeks to reduce dependency on traditional energy sources and contribute to a more sustainable and resilient water sector.

## COMMUNITY ENGAGEMENT AND COLLABORATION

### Participate in Workshops and Events:

Join community workshops and events to learn about sustainable water management practices and climate resilience. These platforms provide opportunities to share knowledge, experiences, and ideas, fostering collective learning and inspiring action.

### Support Local Businesses and Initiatives:

Contribute to the adoption of Multiple Use Water Services (MUS) and alternate energy options by supporting local businesses and initiatives that promote sustainable water utilization. By empowering local entrepreneurs and enterprises, we can create economic opportunities and drive the adoption of innovative solutions.



## STAY CONNECTED

### Disclaimer

The information provided in this brochure is based on the current knowledge and understanding of the Giyani LSCR Programme. Please note that program activities and initiatives may evolve over time. For the most up-to-date information, please visit our website or contact us directly.



# TOGETHER, WE CAN BUILD A RESILIENT FUTURE

## JOIN THE GIYANI LSCR PROGRAMME

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The Giyani Local Scale Climate Resilience Programme is a collaborative approach to building resilience through innovation and co-operation. Funded by the Government of Flanders, the Water Research Commission (WRC) together with partners Tsogang Water and Sanitation (Tsogang), Association for Water and Rural Development (AWARD) and the University of the Western Cape (UWC) along with communities from Giyani are implementing the GLSCR that will demonstrate climate adaptive responses and solutions for improved water harnessing in the Greater Giyani Municipal area.



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