

# Kenya Industrial Water Alliance

*Partnering to create a water-smart future*



## The Challenge: Quenching the thirst of industrial growth in Kenya

Water supply for Kenya's major urban and industrial centers is insufficient to meet current demand. Today in Nairobi, for example, supply is 20 percent lower than required; and by 2035, it is expected to be more than 60 percent lower than projected demand. With industrial water demand predicted to increase by 125 percent between 2014 and 2030, addressing the challenges of unreliable and decreasing water supply, in addition to flooding, pollution, and catchment degradation, will be vital to ensuring the continued and sustainable industrial growth in Nairobi and other industrial centers.



## Objectives: Driving action through partnership

The Kenya Industrial Water Alliance, known as KIWA, is a partnership of over thirty public, private and civil society organizations collectively addressing national major water-related risks to industrial growth. Spearheaded by the Kenya Association of Manufacturers and the Water Resources Authority, and supported by the International Water Stewardship Programme and the 2030 Water Resources Group, KIWA provides an action-oriented forum for stakeholders to discuss, plan, design and implement activities to increase water security. Launched in September 2016, KIWA is developing initiatives aimed at closing the water demand and supply gap and reducing water wastage.

## Action: Towards a water-smart industrial future

To date, the following thematic areas have been identified for KIWA to tackle:

- Sustainable ground water management;
- Industrial water use efficiency; and
- Surface water quality management.

Kenya's industrial water challenges are the result of a mix of regulatory, financial and capacity barriers. To address these barriers, examples of initiatives to be developed under the different thematic areas include:

- Improving ground water abstraction and surface water quality data management;
- Scaling-up existing initiatives to identify and implement cost-effective industrial water use efficiency measures;
- Promoting international and local best practice at the firm level; and
- Advocating more investment in water efficient and pollution prevention practices at the industry level.



