



## CHALLENGE AND APPROACH

Due to the Corona pandemic, hospitals in Kenya are increasingly dependent on clean and affordable **drinking water** - in addition to a general water shortage in the region. For several years, Business Scouts networked the Berlin-based company **Boreal Light GmbH** with relevant local cooperation partners and advised on financing instruments of German development cooperation. Boreal Lights produces **water desalination facilities** that are powered by solar energy.

Climate neutral water treatment

## **EFFECTS AND ACCOMPLISHMENTS**

Through the cooperation between Boreal Light and local partners, on-site hospitals could be equipped with solar-powered plants. The systems contribute to the **cost-effective provision** of clean drinking water. For example, one system installed at the Lodwar hospital can produce up to **60 000 liters of drinking water** per day, benefiting up to **150 000 people** annually. Furthermore, **new local job opportunities** are created around the installation, maintenance and repair of the systems. The use of renewable energies for water purification promotes the achievement of global sustainability goals.

## **PROSPECT**

Data & Facts

The use of the water desalination facilities is to be extended to **further countries** in Africa, including Senegal, Ghana and Tanzania.

Country Kenya

Partner institution IHK Halle-Dessau, Bundesverband Solarwirtschaft e.V.

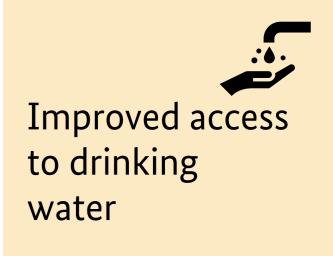
Involved partners among others: Boreal Light GmbH, WaterKiosk Africa

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BMZ priority topics Just Transition, Covid-19 Pandemie

**750t**CO<sup>2</sup>-savings
in the provision of drinking water









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