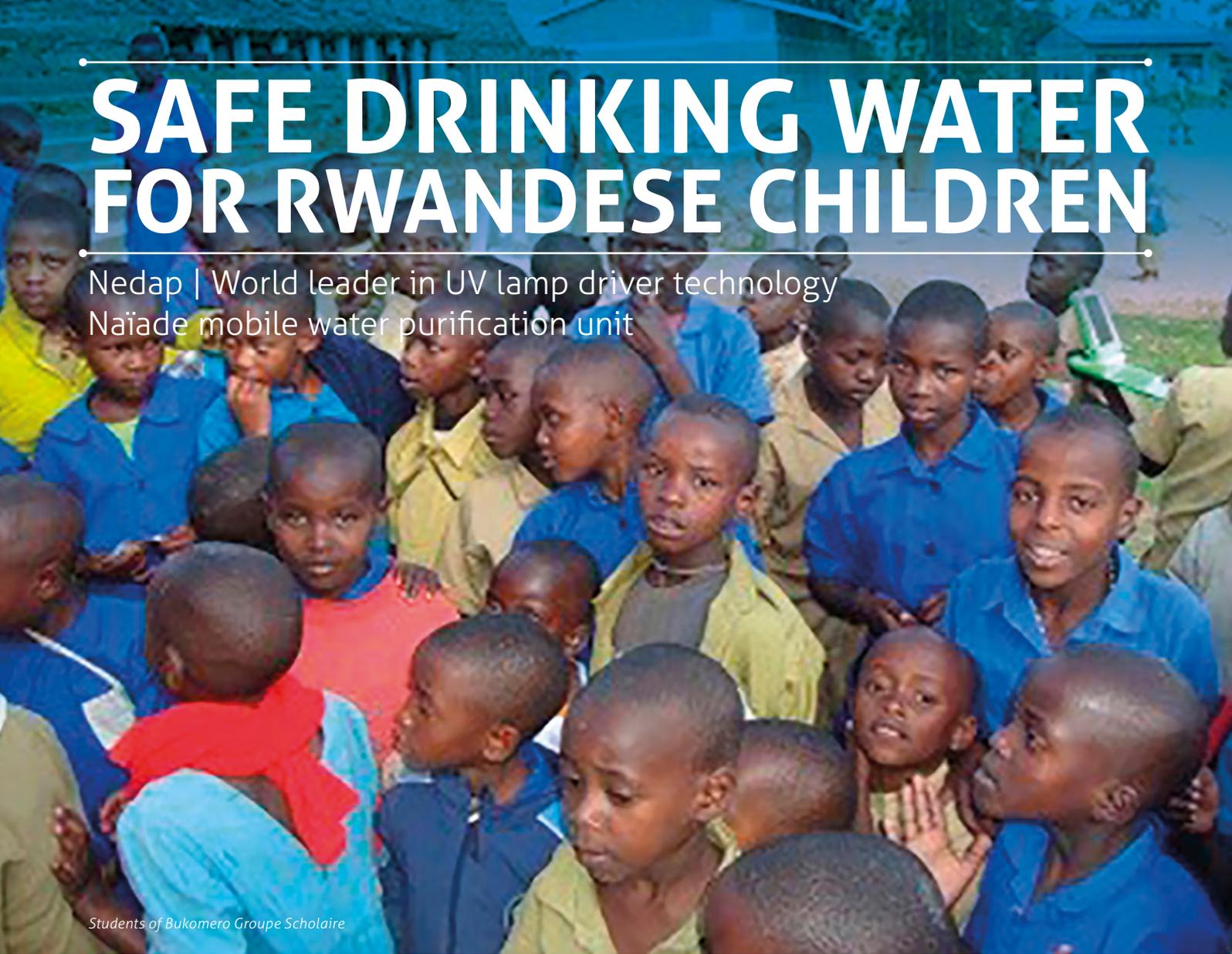


# SAFE DRINKING WATER FOR RWANDESE CHILDREN

Nedap | World leader in UV lamp driver technology  
Naiade mobile water purification unit



*Students of Bukomero Groupe Scholaire*

## CASE STUDY | RWANDESE SCHOOLS

In the past few years Nedap Naiade water purification units have successfully been installed at Rwandese schools. One of these schools is the Bukomero Groupe Scholaire in Muhanga.

The Bukomero Groupe Scholaire has a total of 2193 students, 53 teachers and 5 supporting staff members. All these people use the Naiade stand-alone solar powered water purifying unit.

Nedap's Naiade is filled with rain water, which is then purified by the 2 internal bag filters and the UV module. This way the Naiade can provide bacteria free drinking water. Nedap's distributor in Rwanda has installed the unit and also takes care of the maintenance and service of the unit.

Teachers and students are happy with the results of the Naiade and say that their health has improved due to drinking safe water.



*One of Bukomero's teachers providing water for her students*

# naiade

Safe drinking water for everyone



**Durable body**

Made of plastic.  
 Capacity of 100 litre.

**Filters**

Mechanical filters clean the water of impurities.

**Solar panel**

The solar panel measures 53.7 x 120.9 cm and has a capacity of 75W.

**Ultraviolet light**

Makes water safe to drink.

**Pictograms**

Pictograms demonstrates how to operate.

**Battery**

It is possible to include a battery in the unit allowing operation during the night.

**THE NAÏADE SOLUTION**

The Naïade is an easy-to-install water purification system which delivers clean and safe drinking water. The Naïade is powered by solar panels and can be used anywhere. Ultraviolet light is used to neutralise micro-organisms, bacteria and viruses without using chemicals.

**Technical data**

Energy source	sunlight
Solar panel	75 watt
Energy storage	standard car battery
Daily average capacity	3000 litres (up to 400 people)
Water prefilters	bag filters 10 µ and 25 µ
UV disinfection lamp	20 watt
Water tank	100 litres
Dimension	54 x 75 x 140 cm
Weight	44 kg
Effective against	viruses, bacteria, protozoa and worm eggs

**naïade**

Safe drinking water for everyone

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