

## The HelioWater Project

### Safe Water for Schoolchildren in South Madagascar



#### Context

Lack of safe drinking water in Madagascar has a devastating impact. Children are particularly vulnerable. Parents who cannot purchase water (at exorbitant prices) are obliged to resort to contaminated river water or water from polluted wells and containers (87% of the rural Malagasy population in the south). At least 25% of under-5 mortality is traceable to water-related diseases like chronic diarrhea. Related negative effects include physical and cognitive stunting and missed school days. Girls, who are the primary water fetchers, are disproportionately affected, closing down their opportunities for education and economic development. Climate change and demographic trends only intensify the urgency for safe water solutions.

#### The HelioWater Action

**Provide safe drinking water free to a primary school in Amboasary District for 600 children**  
*(to be extended to the community Health Center and nearby population)*

**Today there is no water source in the school**



Education on water hygiene practices and sanitation are being developed with the local community

60 Helio spheres generate 600 liters clean water a day from polluted river water (sea water or any contaminated source)

- Solar energy only
- Sustainable
- Low cost
- Easy to use
- Little or no maintenance
- Flexible configuration
- Last at least 30 years
- Recyclable materials



#### The Project Team

Rotarians are partnering with the local Amboasary community, government and private enterprise.

Host sponsor: RC Antananarivo Vovonana, Madagascar D9220

International sponsor: Rotary e-club France D1780

Amboasary Town Administration, School and Health Center

Madagascar Water Ministry

Marine Tech, HelioWater technology inventor



#### How You can Help

A Rotary Foundation Global Grant is in preparation. Budget 300,000 euros

We welcome new partner Rotary clubs and donations!

#### Contact:

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Thank you! Misaotra Betsaka! Merci!