



Italian Friends of
THE CITIZENS FOUNDATION

SUPPORT FOR THE SOLARISATION OF WATER PLANTS IN PUNJAB

**Rotary Milano Manzoni Studium
& International Clubs**



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1.

**ABOUT THE
CITIZENS
FOUNDATION**



The Citizens Foundation (TCF)

- TCF is a professionally managed, non-profit organization set up in Pakistan in 1995 by a group of citizens who wanted to bring about positive social change through education.
- Since then, TCF has evolved into a nationwide network of schools educating **286,000** students across **1,921** school units in more than 832 urban slums and rural areas, with **14,000** female faculty.
- The Economist has called TCF *“perhaps the largest network of independently run schools in the world.”*
- TCF’s vision is to create agents of positive change: well-rounded, motivated, and capable individuals who will not only be able to steer themselves and their families out of poverty but also seek to improve the future of their communities and society at large.
- TCF’s education model rests upon purpose-built schools within walking distance of communities, innovative program design, gender equity in classrooms with 50% of girls, and an all-female faculty. TCF is also the largest private employer of women in Pakistan.
- Over 50,500 children have graduated from TCF schools, with 90% transitioning to intermediate education.
- TCF's impact extends beyond schools through the Community Development Unit (CDU), promoting poverty alleviation, preventative health, and social development in the areas they serve.

2.

Aab-e-Rehmat ("The
Mercy of Water")



The Solution to Pakistan's water crisis: *Aab-e-Rehmat* - TCF's Clean Drinking Water Program

- TCF's Community Development Unit (CDU) runs the clean drinking water initiative at TCF through the installation, running and maintenance of community-sized water filtration plants.
- Water filtration plants are physically set up within school premises, providing clean drinking water to both the school and the community entirely **free-of-cost**.
- Through *Aab-e-Rehmat*, to date TCF has installed **45** water plants across Pakistan.



Overall Program Impact

Water filtration plants at 45 TCF Schools:

- Across Punjab (27), Sindh (17) and Balochistan (1)
- 37 water plants are solar-powered
- 17 are Reverse Osmosis
- Physically located within TCF school premises
- Serving ~53,000 people daily
- Clean water for school and community, free of cost



Rotary International's Support (1/2)

- Rotary International supported the solarisation of 3 water plants in Punjab, where solar energy is the primary power source, with grid power as backup.
- The total amount for the solarisation of these 3 plants provided by Rotary International was PKR 3,827,286 or USD 13,575.
- This installation ensured smooth operations and uninterrupted access to clean drinking water for the community, even during overcast weather.
- The solarisation of water plants took place at the following 3 TCF schools- Mubarka Campus, Seattle Campus I and Houston Campus XI.
- The solar installation for Mubarka and Seattle Campus I completed in January 2024, whereas the one for Houston Campus XI completed in February 2024.
- Currently as of January 2024, these 3 plants are serving a total of 3,735 people on a daily basis.

Rotary International's Support (2/2)

- Below is a detailed performance update of the solarized water plants supported by Rotary International. Please note that the performance numbers for the program come around 3 weeks after the month's closing, hence we do not have the update for February 2024 right now:

TCF Campus	Location	Operative Capacity (L)	Jan-24		
			Litres Dispensed	Capacity Utilization	Daily People Served
Mubarka Campus	Narowal, Punjab	211,983	83,085	39%	1,846
Seattle Campus I	Kasur, Punjab	105,991	67,000	63%	1,489
Houston Campus XI*	Lahore, Punjab	105,991	18,000	17%	400

**These numbers are for the non-solarised water plant at Houston Campus XI since the solarisation was completed in February 2024.*

- The capacity utilization for Jan 2024 was highest for Seattle Campus I.
- The water plant at Seattle Campus I was utilized at the highest rate out of the three, for the month of Jan 2024. However, the Mubarka Campus water plant served most people on a daily basis for this month.

Mubarka Campus



Plaque installed at the Mubarka Campus



Water Plant



Solar Panels powering the water filtration plant

Seattle Campus I



Plaque installed at the Seattle Campus I



Water Plant



Solar Panels powering the water filtration plant

Houston Campus XI



Plaque installed at the Houston Campus XI



Water Plant



Solar Panels powering the water filtration plant

Thank you for supporting *Aab-e-Rehmat* at TCF so we can provide clean drinking water to our schools and communities!



Learn more about *Aab-e-Rehmat* and other CDU programs on our [YouTube channel](#).