



**Project : Swajal**

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**Green & Blue** an Indian PLC along with its globally accredited partners implemented and donated first of its kind project

The project, named “**SWAJAL**”, has been designed to promote empowerment through sustainable development. The facility is located at RPVV Surajmal Vihar School, in Delhi NCR.

**Green & Blue** has promoted this ground-breaking pilot project with a view to replicating the solution at multiple sites in rural and urban areas to service communities of 1000 to 5000 persons with treated drinking water. Green & Blue will target sites with fresh water sources that are contaminated with harmful agents, or otherwise have high turbidity (NTU) levels.

**Swajal 1**

- Community engagement project
- Run & maintained by school students
- Wide spread impact on the community through distribution of 5 liters water bottles to school students who can fill them and take them home every day
- Solar powered water pumps with battery storage
- Removal of chemical contaminants (colour, taste, odour, etc.) by use of several filters
- Removal of microbial contaminants (such as micro-organisms carrying cholera, typhoid, etc.) by UV (and ozone) disinfection (flow sterilization)
- The is scalable and can generate employment opportunity at the village and community level
- Green & Blue wants to implement 1000 such projects in India, starting with first 50 in similar schools in collaboration with Govt. Of Delhi, India



Photos shown above are the commissioning of the project. 2<sup>nd</sup> photo - the filtration plant. 3<sup>rd</sup> photo - teachers are assembling the filtration plant. Last photo - the distribution of water bottles.