

## SWADHIN URJA –ROTARY CLUB

### HOLD HANDS TO SET A SUSTANABLE WASTE TO ENERGY SOLUTION IN GOA



India is one of the fastest growing countries in terms of energy consumption. Currently, it is the fifth largest consumer of energy in the world, and will be the third largest by 2030. At the same time; the country is heavily dependent on fossil sources of energy for most of its demand. This has necessitated the country to start aggressively pursuing alternative energy sources - solar, wind, biofuels, small hydro and more.

Urbanization of society is now unavoidable. Management of urban waste is becoming challenging day by day. Un-segregated urban waste can't be handled effectively. In such a tricky situation biogas technology project has the potential to establish win-win situation for all its stake holders.

Rotary Club of Goa decided to support this unique proposal and arranged funds for five biogas installations in educational institutes in the vicinity of Goa.

These institute get free cooking gas generated from the food waste available with them. In addition to this they also get excellent quality fertilizer for the garden in the premises of each institute.

SWADHIN URJA could establish a roll-model of Waste to Energy with the help of Rotary Club-Goa. So far five Biogas Plants are installed.



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*Moving world from 'Hydrocarbon' to Carbohydrates'*



Shri Shanta Durga Shilshan  
Samiti,  
Kavale,Ponda,Goa



St.Aloysius High School  
Diwadi-Tiswadi,Goa



LokVishwas Pratishtan school  
for special children, Opposite  
Matruchhaya, Dhavali,  
Ponda 4030401.



Shri Saraswati High school,  
St. estevam, Goa 403106



D.Samant Memorial High  
School  
Vidyanagar,Parvari-Bardez,  
Goa



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