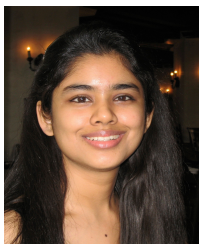




HALF YEARLY REPORT 2013-2014

SHARING MY THOUGHTS



MANAGING TRUSTEE

SANCHAITA GAJAPATI RAJU

SANA has been able to take forward our shared vision to bring clean drinking water to the marginalized sections of our society.

Our commitment has been recognized and we have taken forward some very major steps to implement our mission. After a successful urban intervention last year in the capital of New Delhi SANA has also spread its focus in the area of rural sanitation.

It is imperative that we bring dignity to the lives of our citizens. 55% of India's 1.2 billion populations have no access to toilets. The biggest sufferers are women and children who still defecate in the open..

It has been said that India is the world's largest "open air toilet". Pakistan, Bangladesh and Afghanistan have better sanitation records

A recent UN study claimed that the entire Indian population has greater access to mobile phones than toilets!!

Poor sanitation is something that not only affects the health of the people of a country, but also ravages the dignity and right to privacy of a nation's people.

The WHO/UNICEF joint monitoring programme for water supply and sanitation has said that at its present pace, India would take time till 2054 to meet its millennium development goals 2015 on sanitation.

According to the report of United Nations Children's Fund around 1,000 children below the age of five die every day in India from diarrhea, hepatitis-causing pathogens and other sanitation-related diseases.

Pl visit the health map of India so understand the gravity of the situation. Datastories.in/blog/2013/09/09/a-toilet-map-of-india-2

It is to meet these challenges that SANA has launched an integrated social initiative with its drinking water & sanitation programs.

SANA has identified villages in rural Andhra and schools for the economically challenged where it proposes to set up bio-digesters potable bio- toilets, along side its compact solar powered water purifying stations. The bio-digester technology for toilets has been developed by the DRDE and is ideal for rural villages since it is prefabricated and requires low maintenance.

Importantly the SANA model uses the wastewater from solar powered micro ionizing RO system put in place for the potable drinking water in the village. This wastewater is used in the bio-toilets for flushing. The flushed water is then treated over a bio-reed bed and taken to the farmland for further use. Thus there is practically zero waste of any water.

Further the biogas from the bio digesters is used to light up the toilet and bath areas.

SANA proposes to work with Panchayats and local authorities to bring this integrated model to the villages and schools in the East Godavari and Vizag region of Andhra Pradesh

ACHIEVEMENTS & MILESTONES-THE JOURNEY SO FAR

What began last year as an idea has now taken fruition. We were able to get on board the Humble Union Minister for HRD MM Pallam Raju who donated for us the funding of the compact water purifying station powered by Solar Panels in his constituency in Kakinada AP. SANA places on record, our gratitude to the Hon'ble Minister for supporting us.

In this case SANA identified a village, which had no access to clean drinking water and where the power supply was irregular.

SANA involved the local Panchayat- with the co-operation of the DM. The Panchayat was made a partner in the PPP model and representatives of the Panchayat were trained by SANA and its technology partner, for the upkeep of the water station and the solar panels. The funding for this social initiative came from the MPLADs Scheme of the local MP Shri MM Pallam Raju.

The solar powered water station converts the contaminated water into WHO standard potable drinking water for the local villagers daily 1.8 million liters of clean drinking water annually .

The distribution of the clean water has been also handed over to the Panchayat and every day each family is given 5 liters of drinking water for their consumption. A nominal fee is charged by the Panchayat- which goes towards the maintenance and upkeep of the plant and machinery. The surplus from the sale of this water is kept by the Panchayat.

Once again we are proud that we worked with the local panchayat, the district administration, the technology partners and were able to complete the project well within our schedule. This gives us immense satisfaction/ I would like to congratulate and thank our Board of Trustees and the SANA team for making this possible.



**MINISTER OF
HUMAN RESOURCE DEVELOPMENT
GOVERNMENT OF INDIA**



सत्यमेव जयते

**मंत्री
मानव संसाधन विकास
भारत सरकार**

M. M. Pallam Raju
एम. एम. पल्लम राजू

14-Sep-2013

To
Sanchaita Gajapati Raju
Managing Trustee
Social Awareness, Newer Alternatives (SANA)
EG 2/7 Garden Estate, MG abroad,
Gurgaon 122002 Haryana.

Dear Sanchaita,

This is to express my deepest appreciation of the commendable work you have done in the N. Chamavaram Village of Tuni Constituency of Kakinada(AP).

The problem of access to clean drinking water and sanitation in some of the villages of the East Godavari region in Andhra is acute. And while the Government is determined to tackle this issue we need the active participation of NGOs in this effort.

I want to congratulate you and SANA for setting an example and I hope more young persons like you contribute to the amelioration of social ills in our society.

I wish you the very best for future projects and look forward to collaborating with your NGO in other such initiatives.

With Best Regards,

Yours sincerely,

(Dr. M.M. Pallam Raju)

Dr. M.M. PALLAM RAJU
Minister of Human Resource Development
Government of India, New Delhi.
Camp. Office : D. No. 6-3-345/3,
Flat No. 103, Lotus Apartment,
Road No. 1, Banjara Hills,
Hyderabad-500 034. A.P.

Office : Room No. 302 'C' Wing, Shastri Bhawan, New Delhi - 110 115

Phone : 91-11-23387085, 23782387, 23782698, Fax No. : 91-11-23382365, 23782028

THE WAY FORWARD

1. The success of this model has been appreciated and SANA has now been asked by the local authorities to identify at least another 50 villages to install similar water treatment plants in off grid areas for local villagers and install green bio-digester toilets so as to provide an integrated solution to address sanitation, basic hygiene and potable water implement an integrated solution

2. SANA's second major initiative, on the anvil this year, is in partnership with the Delhi Jal Board to install a unique and cutting edge project in the water space. SANA has roped in a technology partner Econopure to convert the sewage quality water from the river Yamuna into WHO standard potable drinking water. This model will also be powered by Solar Energy to ensure that the entire eco system of the technology is environment friendly and sustainable.

Along with the DJB officials SANA has identified the location on the banks of river Yamuna- which is among the most polluted rivers in the country.

SANA will be installing a larger water purifying station here which can produce over 33,000 liters of water daily if powered only by Solar but up to 72,000 liters of water daily if powered by both Solar and electricity or over 26 million liters annually.

The DJB is exploring various options to distribute this water to the local community.

However initial studies done by the DJB show that there is a mind set and that the Toilet to Tap water is being met with resistance. The water itself is seen stigmatized and therefore even though it is pure and potable- the consumers are not willing to accept it.

SANA has done research to show that this mindset can be countered by an aggressive social awareness campaign using role models, celebrities and other icons and decision makers to break the myth of the taboo.

SANA will want to rope in role models and celebrities from Delhi as well as other icons to help us with this campaign. The world over celebrities and achievers endorse critical campaigns such as

this .If successful - the use of the sewage water of Yamuna into potable drinking water will be path breaking and contribute to a major extent in alleviating the water problem in some parts of Delhi.

Contact Us

sanchaita@sana.org.in / sanchaita@gmail.com

Corporate Office/Mailing Address

EG2/7, Garden Estate, M.G Road,
Opp Gurudronacharya Metro Station
Gurgaon-122002

Registered Office

#305 Nilgiri Apartments
#9Barakhamba Road
New Delhi-110001

Branch Office

#304,Defence Apartments
Beach Road, Visakhapatnam
Andhra Pradesh-530017

www.sana.org.in