

Coloured area indicates
TIDE's presence



TIDE

22nd
Annual Report
2014-15

Technology Informatics Design Endeavour (TIDE)

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Facebook : <https://www.facebook.com/pages/Technology-Informatics-Design-Endeavour/108424802574316>

Legal and Financial details

TIDE is registered under Karnataka Societies Registration Act with the No : 131/93-93 dated 11th May 1993.

TIDE has FCRA, 12A and 80G certificates and PAN number.

Key office bearers

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TIDE is a TIER I listed NGO with GIVE INDIA portal. Visit <http://www.giveindia.org/m-1519-Technology-Informatics-Design-Endeavour--TIDE-.aspx> to make a donation

Auditors for the year 2014-15:

MSSV & Co (www.mssv.in)

Second floor,

No.63/2, Railway Parallel Road,

Kumarapark West,

Bangalore - 560 020.

TIDE

22nd
Annual Report
2014-15

HIGHLIGHTS
OF THE YEAR

2014-15

21 Projects
Executed

Secured
₹50,67,728
grant for projects

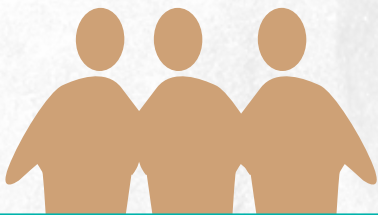
Secured
₹6,85,499
as donation



Turn-over of
₹60,56,928

WE COLLABORATED WITH

- 3 R&D institutes
- 5 NGOs/CSOs
- 2 Government / Quasi Government organizations
- 1 Multinational Retailer



Our partners

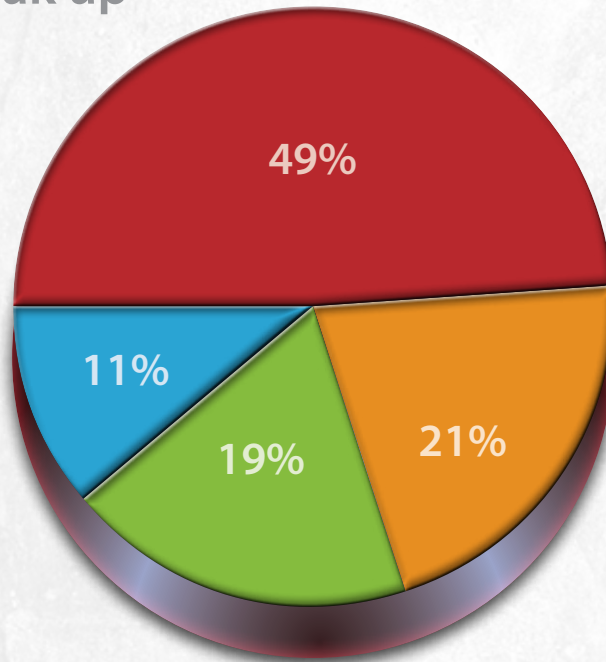
- 14 Institutional funders during the year, out of which 11 are first timers in 2014-15
- 3 CSR partners
- 122 Individual donors
- 5 Interns

Our impact

- 400 people learned a new livelihood skill in the year through our work
- 1 rural enterprise incubated by TIDE
- 6000 people directly reached through our awareness / dissemination program
- 29000 tons of CO₂ mitigated
- 19000 tons of firewood saved due to our fuel efficient stoves

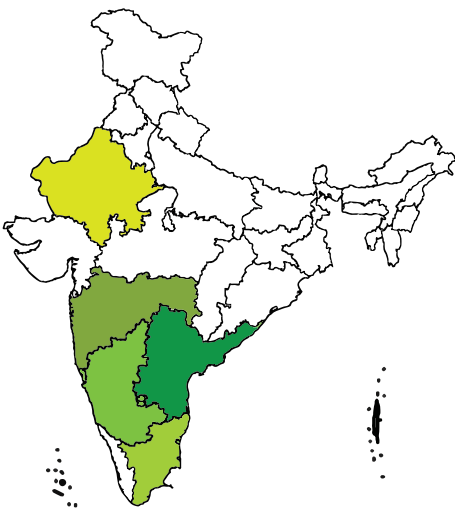
Expenditure break up

- Energy
- Fuel efficient stoves
- Skill development
- Water management



Our geographical reach

Energy Conservation



Karnataka

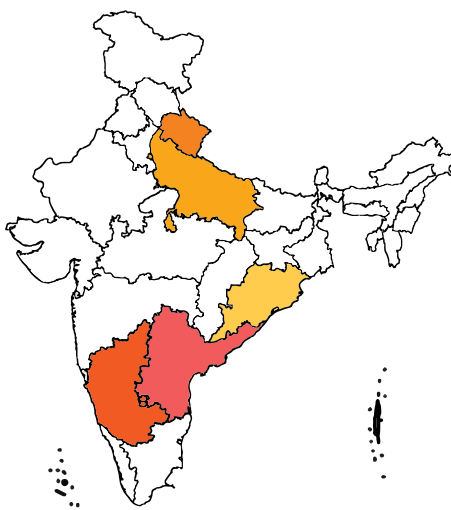
Tamilnadu

Andrapradesh

Maharashtra

Rajasthan

Skill Development



Karnataka

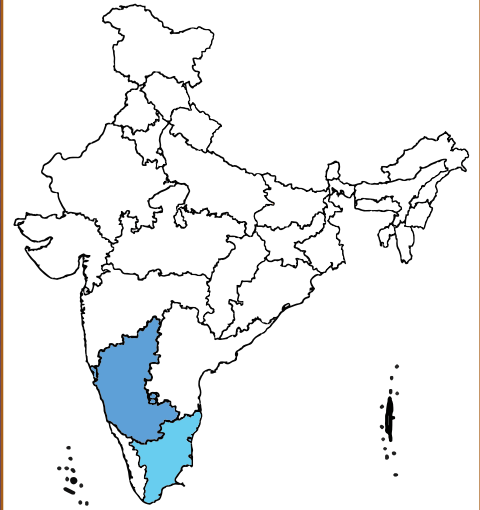
Andrapradesh

Orissa

Uttarpradesh

Uttarakand

Water Management



Karnataka

Tamilnadu

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Foreword

It is that time of the year when we revisit the year gone by, when it hits harder than ever that a year is probably too short a time in development sector to create or assess impact. Still it is an exercise not to be missed, to see how the individual initiatives have contributed to the goals set and also to assess how they helped further our vision. The exercise reaches its logical conclusion when we are able to do course correction based on the findings.

A quick analysis of our work and financial allocation shows our increasing focus on Energy efficiency/energy conservation area and skill training. With over a decade of an enviable mix of R&D and grass root experience, this is not surprising. What is interesting is our journey in scaling these initiatives. Through the for-profit set up Sustaintech India Pvt Ltd, more than 3000 commercial cook stoves have been sold resulting in better indoor air quality for about 45000 cooks and mitigating about 40,000 MTs of CO2 cumulatively. And in the area of skill training, TIDE has taken it one step further by incubating a rural enterprise Manini.

Contrasting this scaling approach is our household stove construction program where TIDE has consciously kept social goals above pure economic goals. Through various partners, TIDE has imparted Sarala stove training and facilitated income for more than 100 rural women in 2014-15. TIDE had success in taking the Sarala stoves to North India where the culture and cooking habits are very different; we have also introduced variants of the Sarala stove for mid day meals and a 3 pan version.

Another buzzing activity at TIDE during the year has been the evolution of Manini SHG that we helped form, into a formal rural food processing enterprise. The learning have been many as have the support from a diverse set of stake holders. This experience is helping us advance our goal of incubating technology based rural enterprises.

While evaluating our work, we have come to understand our strength in conceiving and demonstrating innovative and inclusive ideas towards natural resource conservation. We see that working with innovative ideas, while invigorating on one hand can be daunting on the other, what with its challenges on acceptability, adaptability and scalability. The quote by Reid Hoffman of LinkedIn, "If you are not embarrassed by the first version of your product, you've launched too late" gives us vindication! If we continue to innovate and create proof of concepts, we are sure to open larger vistas for us and our partners to go forward. In keeping with this trend on innovating, TIDE is attempting a novel citizen engaged program on energy, waste and water management in urban areas.

TIDE perceives that most of our work if not all, constitutes a huge repository of proof of concepts, pilots and grass root experiments with an interesting mix of technology and socio-economic impacts. Given our size, resources and funders' varying interests, not all of these ideas have gone to their logical end. Perhaps it is time for us to consolidate these and create a knowledge resource. Some of these could even take the form of learning material meeting different objectives on education, training, employability, skill enhancement, and even policy. We also realize that this could potentially open up new roads for us to meet our objective of 'using technology to meet community needs'.

We, management and staff at TIDE are looking forward to another exciting year to work with our ideas and partners and stakeholders.



Case Studies

People impacted by TIDE

Case Study 1

Mrs Kathyayini: Wearing multiple hats – Stove builder to Marketing agent

Background:

Mrs Kathyayini is associated with TIDE for about 15 years now, as a Stove builder and master trainer. She is from Gubbi taluk and belongs to a very poor family. She has 3 children and was earning about ₹10 as daily agricultural labourer in 2001. She attended TIDE's Sarala stove construction training program and started earning about ₹50 / day with marketing linkages from TIDE. Today she earns ₹5000 per session as master trainer and between ₹750 to 1000 per day in stove construction. She has constructed more than 10000 stoves and converted about 10 villages into Smokeless villages. Though she knows only kannada, she has travelled to other parts of India, Uttarakhand and

Orissa to train other women in building stoves with TIDE team. She has been invited to talk about her enterprise in the Central University of Karnataka at Gulbarga. The University later sponsored a stove training programme by Ms. Kathyayini so that women in villages around the University could interact with her.

Due to a wide exposure gained by her association with TIDE, Kathyayini picked up other skills as well. She has become a Change Agent under a TIDE project 'Low Carbon Technology Adoption and Dissemination through Community Led Initiatives supported by UNDP GEF Small Grants Programme'. She was inspired by other role models here, she herself being a role model in stove construction. It helped that she is a passionate believer in energy conservation and has been using solar products in her home.

Kathyayini constantly improvises and does not miss training programs at TIDE. She has recently been elected to Kondli Gram Panchayat and also as a member of her Village temple committee. Her daughter, growing up watching her journey as a stove builder to master trainer, helps in her book keeping. The daughter owes her education to the money her mother brought in due to stove construction.

Kathyayini's journey in the last decade has been transformative for her, her family and her community. She is a role model and change agent today and highly revered in her family and community. She still vividly remembers her early days and how TIDE's training helped her to break her poverty. She now wants to inspire other women to become self reliant.



Figure 1: Kathyayini training a rural woman on firing sarala stove



Figure 2: Kathyayini demonstrating solar products



Figure 3: Kathyayini demonstrating solar products

Case Study 2

Krishna – A simple plumber to Rain Water Harvesting (RWH) contractor



“After the rainwater harvesting training, TIDE gave me projects including the project at BASE after which I got calls to do other big rainwater harvesting projects. I learned everything about rainwater harvesting from TIDE and till date it has been very helpful to me”

Krishna

Figure 3: Krishna, plumber

Krishna a plumber by profession was trained in rainwater harvesting by TIDE. Further to the training, some of the plumbers have been given assignments by TIDE. Krishna is one of the many such plumbers we have trained and frequently called to implement projects.

After the training provided in rainwater harvesting on his own, Krishna has also done many rainwater harvesting projects which include 15 residences, 4 apartments and 2 schools. Apart from these, Krishna has got a project in the Bangalore Race Course after his work in a TIDE project at the Jawaharlal Nehru Planetarium was noticed.



Figure 4: Krishna, plumber



A glimpse of our work
under various focus areas

Focus Area

FUEL EFFICIENT STOVES

Core support by Department of Science & Technology (DST), Government of India (GoI)

Through support by Core grant, TIDE has developed new fuel efficient cook stove designs including

1. MP 50 without chimney – for kitchens with RCC roof with no provision for chimney
2. MP 50 reduced height stove
3. MP 60 mud version – developed for use in mid day meal cooking
4. Multi Fuel Multi purpose 64
5. Tava 2 pan with heavy insulation



Figure 5: MP 60 without chimney



Figure 6: Construction of low cost mid day meal cook stove



Figure 7: Multipurpose Multi fuel stove

All the above new designs were fabricated, tested in fields and were accepted well. The designs have been approved and handed over to our partner Sustaintech Pvt Ltd for marketing.

TIDE also undertook improvisations on existing stove models:

- Introduced chicken mesh to prevent the falling of insulation plaster
- Stainless less version of Pyromini – aesthetically better with better performance
- MS Tea stove with SS cladding was developed to stop smoke emission



Figure 8: Pyro Mini SS version



Figure 9: MS tea stove with SS cladding

Replication of experiences in Tamilnadu in firewood conservation for street food cooking operations

This study was carried out in the states of Karnataka, Andra Pradesh, Maharashtra and Rajasthan, after our success in introducing fuel efficient cook stoves in Tamilnadu.

The objectives of the project

- ▶ To establish the potential for biomass and energy conservation through adoption of fuel efficient cook stoves through kitchen surveys and kitchen tests
- ▶ To install demo units in strategic user locations, monitoring performance and assessing user response
- ▶ To understand cooking needs of commercial kitchens and customize stoves for acceptability in different states as required

Kitchen survey was conducted in all four states to better understanding of their cooking needs. New products design were developed under this project as per customer needs to satisfy cooking needs.

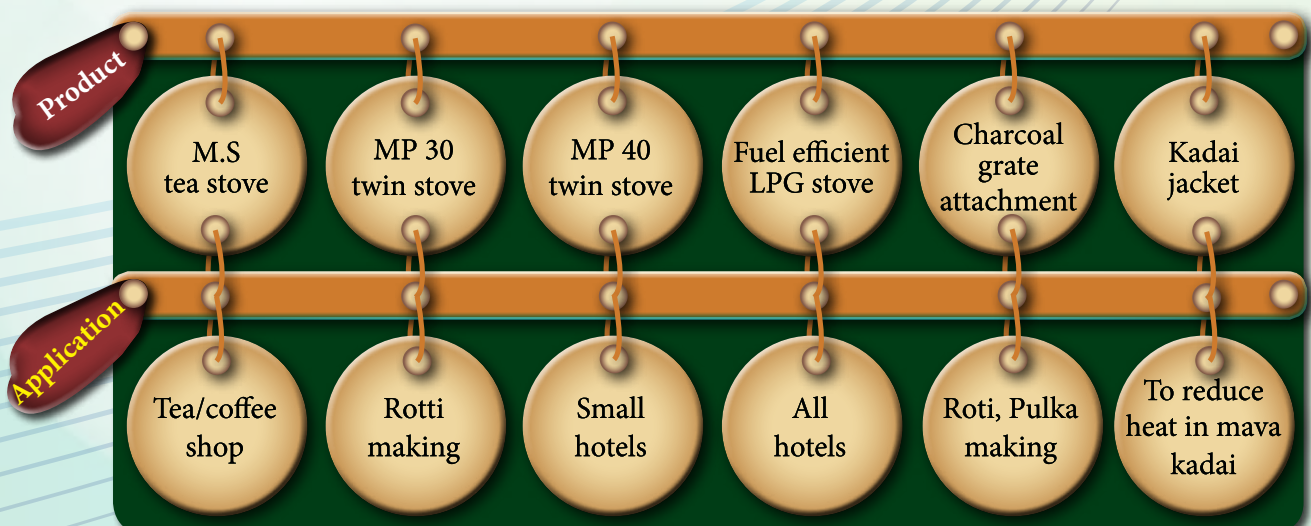




Figure 10: Mava making in traditional stove



Figure 11: Mava making in Pyro stove

Focus Area

ENERGY

Demand Side Management of Electricity Consumption

TIDE ran a very successful pilot on “Creating Livelihoods through Environmental Stewardship” in partnership with Social Venture Partners (SVP), Bangalore to create livelihoods for needy youth, women & un-employed people by training them to conduct walk through energy assessments. The 14 studies conducted by TIDE showed potential for annual energy savings from 2 to 14% with nil / minimal investment.

Subsequent to the pilot, TIDE has conducted various energy assessments in industries, companies and residences showing an effective demand side management of electricity consumption.

With the experience from the pilot, TIDE has conceptualized a larger citizen engagement program to facilitate demand side management of electricity. This program aims to bring the entire eco system together including various stake holders like consumers, utility service providers, product suppliers, electricians and contractors, stewards, civic champions, etc together to demonstrate a successful demand side electricity management. There would be trainings conducted for local people who are interested in being stewards, training for local electricians, awareness programs in the surrounding schools, involvement of the local residents and the resident welfare associations.

TIDE envisages such programs encompassing energy, water and waste in the future thereby creating a citizen driven movement for natural resource management, particularly in urban areas.

Low carbon technology adoption and dissemination through community led initiatives

This was a project funded by Small Grants Project (SGP), UNDE-GEF

The goal

“To initiate, establish and integrate efforts at the community level into the climate change mitigation process through adoption of low carbon products”.

Under this project TIDE worked in Tamil Nadu and Karnataka with target audience of rural women. Our objective was to make the communities, particularly women, aware of the opportunities to be part of the supply chain of low carbon products and technologies. We intentionally chose women with minimal/no prior experience in marketing, especially in the low carbon sector. Riding on TIDE's earlier experience in mobilizing community, awareness was designed to be primarily driven by the community itself. This awareness played a big role in motivating and in achieving the outputs in the project. Through a small set of women for whom awareness was given, a much larger section of the community including schools and SHGs were reached.

Impact

- ▶ About 75 women are directly and freshly inducted into the supply chain of low carbon technologies / products. A Community of around 11,000 benefits through the interventions from the project through these women.
- ▶ Enabled income generation of about ₹1,35,000 collectively for the women inducted into the project. Showed potential income generation of about ₹2000 – 3000 per woman per month from the project with scope to go as high as ₹5000 depending on products.
- ▶ About 100 fuel efficient stoves and 500 solar products have been sold thus benefiting about 11,000 people through access to low carbon products.
- ▶ Mitigation of 2,100 MTs of CO₂ through adoption of low carbon products and technologies.



Figure 12: Women holding small meetings to demonstrate solar products

Rural Hybrid Energy Enterprise System (RHEES)

Project funded by Department of Science and Technology, (DST) New Delhi

Carried out in collaboration with Research councils, UK

This is a project carried out by a consortium of 7 partners led by Indian Institute of Science with a high level goal on 'Demonstration of small scale renewable energy technologies to mitigate energy poverty and stimulate rural development through community participation.' TIDE's role in the consortium includes establishing the baseline on socio-techno-economics of the identified villages, to identify potential energy linked livelihood opportunities and barriers for them, and pilot enterprise models.

The goal
Developing biomass based enterprise models to secure livelihoods

The project is underway with a few villages shortlisted; TIDE team has done baseline surveys for these villages, shortlisted some enterprise opportunities and developed techno economics for them. We are also developing a database of villages in Karnataka where such energy linked enterprise models can work.

Survey on Cooking Energy Service Decision support tool developed by AIREC for understanding the cooking energy needs

A survey on understanding the cooking energy services, cooking habits and cooking energy needs, to understand quality of life/Standard of living, Gender dynamics in a household, deforestation, competition for biomass resource, indoor Air Pollution and Health Impact and Climate change was done in the month of January 2015. TIDE conducted this survey in there different demographics and geographical areas including a slum area at Bangalre, a low rain fall rural village in Karnataka and Coastal district of Tamil Nadu.



Figure 13: FOCus group discussion

Focus Area

Skill building/training at TIDE

Smokeless stove training programs of TIDE and linkages with various partner organisations

TIDE has been engaged in training rural women to build fuel efficient smokeless stoves for themselves and their neighbourhoods and to create smoke free kitchens in rural Karnataka for the last 12-15 years. It has been popularising the Sarala stove as a fuel-efficient smokeless wood burning stove. The Sarala stove is built using a mould (made of MS) and uses locally available materials like mud, bricks and an ACC chimney pipe.

Smokeless household stoves are more fuel efficient than the conventional stoves with fuel efficiency up to 30%. Annually 500 kg of fuel wood can be saved from each stove. Smokeless household stoves typically consist of 2 pan with 1 fuel feeding port. This requires less space of 2.5 ft x 1.5 feet. Construction and maintenance is also very easy and any agro waste can be used as fuel.

In the year 2014 TIDE stepped outside Karnataka to train the rural women in construction of Sarala stove through linkages with other NGOs and CBOs. A brief description of these programs are below:

In partnership with Integrated Rural Development for Weaker Sections India (IRDWSI) – Odhisa, TIDE trained 12 rural women in construction and completed construction of 60 stoves during the training. Further to this training program, more than 600 stoves have been built by trained women with the coordination of IRDWSI.

Our initial testing showed cooking efficiency of about 22%. These stoves were constructed in Faizabad along with training to 5 women in construction of these stoves. They received very good acceptance and SSMI is working with TIDE for putting a large scale adaptation plan for these stoves with various state Governments.

With the collaboration of Kaigal Education and Environment Program (KEEP) TIDE held awareness programs on smokeless stoves and constructed 10 stoves through pre trained women. After the training the women constructed more than 50 sarala stoves with the support of KEEP.

Training at CTD Deharadun: TIDE team developed a new design for the 3 pan sarala stove for this partner as per their requirement. Initially these stoves were tested locally in Gubbi and they received good feedback. TIDE team then offered a three days technical training at Chakrata village, training 5 rural women. In parallel, training on 2 pan sarala stove was organised at Pathani village of Pauri taluk Deharadun where 15 women were trained who in turn constructed 25 stoves during the training.

TIDE was approached by SSMI for a mould design for mid deal cooking. TIDE designed the stove model and the mould for on-site construction of stove for mid day meal cooking. These stoves are constructed using bricks on site without compromising on the fuel efficiency and smokeless feature. But they would be significantly cheaper than similar sized stoves (within ₹3000) thus making it affordable for large scale adaptation under the mid day meal scheme.



Figure 14: Training of women in construction and firing on mid daymeal stove



Figure 15: Stove construction training underway at KEEP

A pilot program on Training and construction of chulhas was carried out in Chitradurga with the support of Hutti Gold Mines Limited (HGML).

TIDE in partnership with SELCO foundation understood the needs and environment at Tubarahalli slum in Bangalore. After obtaining positive feedback, 2 and 3 pan stoves were constructed.

In Partnership with World Agro Forestry and Bio fuel Board Hassan, an awareness program was conducted for about 50 rural women belonging to various SHG at Hassan about benefits of Improved cook stoves.

Technical training on “**Capacity Building of Rural Women in the construction of Smokeless household Sarala stove**” was organised by HGML, at Ingaldal village.

Through the **15** women trained in this program, **100** stoves were constructed in Ingaldal and Lambanihatti villages in Chitradurga.

HGML sponsored this program to help the poor families in these areas who largely depend on fuel wood for their cooking needs. This will benefit them in terms of improving women’s health and also in saving fuel cost and foraging time. In addition, the women learnt an income generating skill.



Figure 16: Interaction with potential stove builders



Figure 17: Sarala stove in use at a Bangalore slum



Figure 18: Awareness program at Hassan



Figure 19: Awareness program at Kollihatti, with MGIRED

Awareness / Training Program for SHG women on Renewable Energy & Environment Conservation and smokeless household stove

Through 10 training programs, about 520 community people from 10 different villages of Ramangaram and Tiptur taluk were exposed to energy efficient lighting, solar products, fuel efficient stoves, bio fuel, bio gas and their impact on environment conservation.

Rainwater Harvesting Training

Funder: SEED Division, Department of Science & Technology, Government of India

TIDE conducted a one day rainwater harvesting training program at the Women's Technology Park (WTP) Aralaguppe, for 10 plumbers of Tiptur. This program aimed to train the plumbers of Tiptur on rainwater harvesting, its re-use and ground water recharge.

The program consisted of a theoretical session in which the plumbers were taught about rainwater harvesting and ground water recharge and a practical session followed to give hands on experience.



Figure 20: Practical session during rain water harvesting training

Focus Area

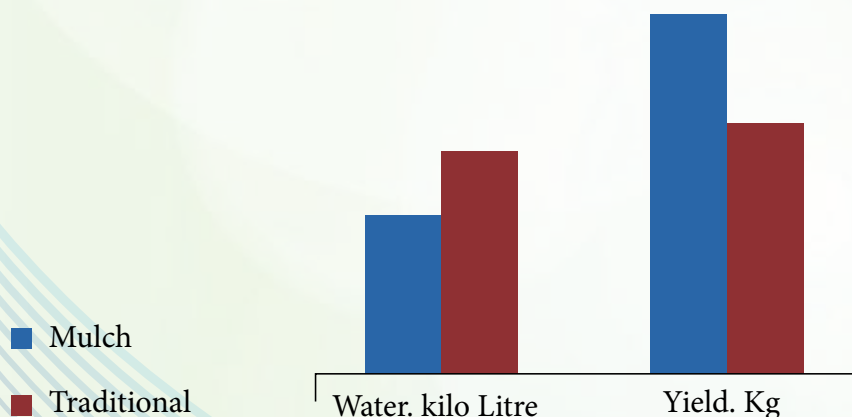
Water management

Dissemination of Water Use Efficiency

Funder: SEED Division, Department of Science & Technology, Government of India

When Technology Informatics Design Endeavour (TIDE) started doing water related projects in Aralaguppe village of Tumkur district, it stumbled upon farmers over irrigating the crops. In the study conducted, TIDE found that the farmers were over irrigating their fields 70% more than the recommended water consumption for the crop. With the shortage of water, reduced annual rainfall and over exploitation of ground water through bore wells, TIDE started the project on water use efficiency using mulch and drip irrigation. Initially plastic mulch was being adopted and later TIDE moved to using coco pith mulch, which is locally available from the coir industries.

TIDE initially educated 25 farmers on the usage of coco pith mulch. Studies were conducted on the selected farms to compare the water consumption and yield from using coco pith mulch and the traditional methods. The farmers were educated on how to use the mulch and on frequency of watering based on the soil moisture measured. The water consumption and yield were measured for similar crops with and without the coco pith mulch. The study showed that while using coco pith mulch, the water consumption reduced by 30% and the crop yield increased by approximately 30%.



With the results of the study, TIDE has conducted farmer meetings to create awareness on the use of coco pith mulch and 50 farmers are ready to adopt coco pith mulch in their farms.



Figure 21: Comparison between traditional and mulch grown crops

Visitors to TIDE project sites

Visitors from IFMR Chennai: An impact evaluation of the CII Women Exemplar awardees was undertaken by IFMR institute. Mrs. Lalitha bai, a TIDE trained stove builder had received the CII Women Exemplar award in the year 2007 and the team visited her to understand the impact. During this visit, Mrs Lalitha Bai shared details on various stove construction programs done by her and also how the award helped her to extend the business.



Figure 22: Mrs Lalitha Bai with TIDE and visiting members

PCRA – Petroleum Conservation Research Association visit to Gubbi to evaluate the stove program implemented in 2008 -2009.

In the year **2008-2009** with the support of MGRIED and Petroleum Conservation Research Association (PCRA), TIDE had implemented a project on Construction of “Construction of smokeless chulhas” (smokeless household stoves) at Gubbi Taluk of Tumkur district. Through this program implemented at selected

6 villages, **380** smokeless household stoves were constructed.

PCRA and MGRIED officials visited the project site and interacted with women to take their feedback about the stoves. Stove beneficiaries talked about the smoke free environment, firewood saving through these stoves and using the amount saved for better nutrition, healthcare and education for their family.



Figure 23: Sarala stove constructed in 2008



Figure 24: 3 pan sarala stove installation

Manini's Journey



Rural Produce to Urban Markets

Through projects supported by various national and international agencies and Government departments, TIDE has been working on promoting drying enterprises among rural women, for products that are locally available. Our earliest success was in drying fish in Kerala where the women continue to profit from the enterprises set up with the help of TIDE.

Applying the same technology to horticultural products, TIDE had developed protocols for drying onion and garlic. These two products were chosen after a market survey funded by NABARD showed potential demand for them. A biomass dryer was set up at our Women's Technology Park (WTP) at Aralaguppe and training manuals were developed. A group of rural women were trained at WTP through various funded programs and were then initiated into production of dried onion and garlic.

Supported by NABARD to take it to commercial level, TIDE nurtured this group of women to form a SHG and undertake production on a commercial scale. To enable this, TIDE facilitated package development, obtaining food certification (FSSAI) for the products, and other commercial requirements like PAN, TIN and bar coding.

The products were well accepted in whole sale and retail markets. Four new products made by Manini - dried grated Carrot, Tomato, Mint and Chillies were released by NABARD during their International Women's day celebration on 6th March 2015 at Bangalore.

During the year **2014-15**, Manini SHG has processed over **1200kgs** of fresh onion, **300kgs** of fresh garlic and has done drying of **80 kgs** tomato, **10kgs** of carrot, **8kgs** of fresh mint and over **200kgs** of green chilly and earned profits through the sale of dried products.

With this experience in incubating a rural food processing enterprise and facilitating an urban market for rural products, TIDE is looking to replicate this by creating more spokes of rural drying enterprises.

Acknowledgement

TIDE gratefully acknowledges the CSR support by Fanuc India Pvt Ltd and Manipal Foundation towards stabilizing and scaling of the production of Manini products. TIDE is grateful to METRO CASH & CARRY for supporting the rural enterprise by being the first unit to retail the products.



Figure 25: Manini SGH women at Production facility

Fund raising through Give India

TIDE is listed in Give India website under the Environment category. During the year 2014-15, TIDE ran a successful fund raising campaign in Give India for our Women's Technology Park (WTP). WTP's vision is to "Create self-reliant rural women" by nurturing rural micro entrepreneurs. TIDE proposes to develop the infrastructure at WTP to enable more women to come and get trained and even have boarding facilities. Funds raised through Give India are helping us to move closer to our goal for WTP.

CSR Initiatives at TIDE

During the year 2014-15, TIDE received two cash CSR donations from Fanuc India Pvt Ltd and Manipal Foundation; and facilitated one in-kind CSR donation from Ion Exchange India Limited.

TIDE has programs ideal for CSR initiatives qualifying directly under the activities permitted for CSR as per Schedule VII of the Company Law 2013:

- 1) Promoting gender equality and empowering women (item iii in Schedule VII)
- 2) Ensuring environmental sustainability (item vi in Schedule VII)
- 3) Employment enhancing vocational skills (item vii in Schedule VII)
- 4) Social business projects (item viii in Schedule VII)

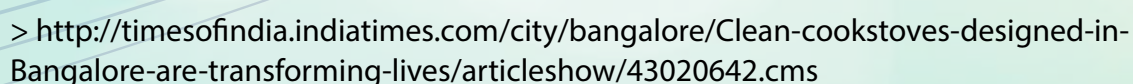
Some of the past and current CSR initiatives include providing support for scaling of rural women's enterprise, awareness and dissemination of water conservation technologies, converting school into an eco-friendly zone.

TIDE will be open to conceptualize customized programs to align with CSR objectives of organizations in the areas of Energy, water, livelihoods, rural (women) micro entrepreneurship.



Figure 26: Marketing material for Manini products

Press coverage on stoves developed by TIDE and marketed by our partner Sustaintech Pvt. Ltd.



Financial disclosures

TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR, BANGALORE

BALANCE SHEET AS AT 31st March 2015

PARTICULARS	Sch No		Current Year Amount	Previous Year Amount
<u>SOURCE OF FUNDS</u>				
Capital Fund	1		4,36,970.00	4,36,970.00
General Fund	2		3,852,839.23	3,988,574.51
Entrepreneur Development Fund [EDF]	3		815,031.81	767,347.61
Staff Welfare Fund [SWF]	4		582,296.07	501,424.20
		Total	5,687,137.11	5,694,316.32
<u>APPLICATION OF FUNDS</u>				
Fixed Assets	5		1,049,819.60	1,128,130.60
<u>Current Assets</u>				
- Advances & Deposits	6	226,814.00	218,672.00	228,514.00
- Other Current Assets	8	200,306.12	216,431.67	200,306.12
- Receivables	12	2,078,912.00	1,461,566.00	2,078,912.00
- Fixed Deposit with Bank	9	2,850,000.00	3,100,000.00	2,850,000.00
- Cash & Bank Balances	10	2,348,612.12	1,716,820.57	2,348,612.12
	[A]	7,706,344.24	6,713,490.24	7,706,344.24



Less: Current Liabilities

- Sundry Creditors	10	66,956.00	33,708.00	66,956.00
- Unspent Balances	11	2,042,464.73		3,073,202.52
	[B]	2,076,172.23		3,140,158.52
		<hr/>		<hr/>
Net Current Assets	[C = (A-B)]		4,637,317.51	4,566,185.72
		<hr/>		<hr/>
		Total	5,687,137.11	5,694,316.32
		<hr/>		<hr/>

Notes on accounts

Schedule 1 to 14 and significant accounting policies & Notes on Accounts (Schedule 15) form an integral part of the accounts.

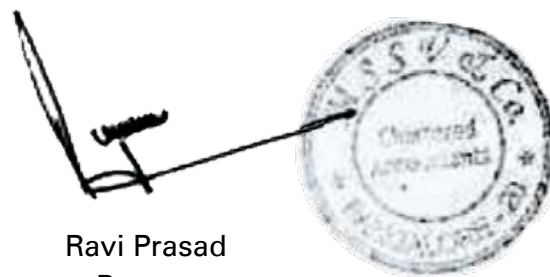
Bengaluru
29/08/2015

N. V. Krishna
Chairman

Svati Bhogle
Secretary

K. Sumathy
Executive Director

Refer Our Report Of Even Date
For MSSV & Co.
Chartered Accountants
Frn 001987S



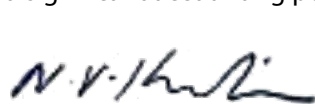
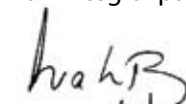
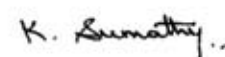
Bengaluru
29/08/2015

Ravi Prasad
Partner
M. No. 203414

TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR, BANGALORE**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDING****31st March 2015**

PARTICULARS	Sch No	(Amount in Rupees)	
		Current Year	Previous Year
<u>INCOME</u>			
(A) Project Grants	11	5,067,728.36	-
Add: Interest earned on project grands		121,385.05	-
Add: Unspent balance b/f from previous year		994,290.52	-
Add: Balance grant receivable		<u>17,367.27</u>	-
(B) Donations	11	685,499.00	2,500.00
Add: Unspent balance b/f from previous year		-	-
Less: Unspent balance at the end of the year		598,266.00	87,233.00
<u>(C) Other income</u>			
– Overhead Recovery		339,859.00	517,908.50
– Usage of Tide Facilities		122,500.00	47,000.00
– Miscellaneous Incom		48,926.00	15,083.00
– Interest Received		122,195.43	56,176.45
Total Gross Income	(A)	<u>6,925,480.63</u>	<u>638,667.95</u>
<u>EXPENDITURE</u>			
(A) Project Expenditure	11	5,939,976.91	-
(B) Donation related expenses	11	117,447.00	1,342.00
<u>(C) Administration expenses</u>			
– TIDE Programs	12	6,100.00	4,641.00
– Secretariate expenses	13	882,223.00	1,218,541.00
– Depreciation	5	<u>88,223.00</u>	<u>99,933.00</u>
– Miscellaneous expenses		26,650.00	24,858.00
Total Expendiure	(B)	7,061,215.91	1,349,315.00
Excess of Expenditure over Income for the year carried to Balance sheet	(A-B)	(135,735.28)	(710,647.05)
Notes on Account	14		

Schedule 5, 11 to 14 and significant accounting policies form an integral part of the accounts.

Bangalore
10/17/2014N. V. Krishna
ChairmanSvati Bhogle
SecretaryK. Sumathy
Executive DirectorRefer Our Report Of Even Date
For Mssv & Co,
Chartered Accountants
Frn 001987SBangalore
10/17/2014
Ravi Prasad
partner
M.No. 203414

TECHNOLOGY INFORMATICS DESIGN ENDEAVOUR, BANGALORE**RECEIPTS AND PAYMENTS ACCOUNT FOR THE RIOS ENDED****31st March 2015**

PARTICULARS	Schedule	Amount	Amount
RECEIPTS			
Opening Balance			
- Cash on Hand	9	45,124.97	
- Cash at Bank	9	2,292,687.15	2,337,812.12
- Cheque on hand			10,800.00
Grant			
- Grant-Specific Projects/Programmes	11	4,899,493.12	
- OtherActivities/Reimbursements/Donations	11	979,604.29	5,879,097.41
Overhead Recovery/Receipt-Per Contra	11		339,859.00
Usage of Facilities/Recovery/Receipt-Per Contra	11		122,500.00
Interest Received			
- Bank interest - TIDE		114,248.43	
- Interest on I.T refund		7,947.00	122,195.43
Recoveries			
Travel / Project Advance Recovery			
- Staff		661,364.00	
- Entrepreneurs / others		710,284.41	1,371,648.41



Salary Deductions - Recovery

- Professional Tax	24,625.00	
- Provident Fund	347,842.00	
- SWF Loan	69,100.00	441,567.00

Audit Fees		33,708.00
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Other Recoveris

T D S Recovery		184,014.00
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Other Receipts / Refunds

- Interest Receivable on F.D (Receipt)		17,595.12
- Fixed Deposit - Withdrawal		1,600,000.00
- I.T - TDS (Refund from I.T Dept) (excluding interest on IT Refund)		88,363.00
- Rent Deposit - Trichy Energy Store		50,000.00
- Annual ASD - Bescom		5,850.00

Other Misc Income

- Income from exposure visit to WTP (ACARA Team)	25,000.00	
- Income from pressed flower training	7,500.00	
- Income from training room usage charges	5,500.00	
Income on Demo & CB on Stoves	9,000.00	
- Written off A/c- Creditors (Guru Tours & Travels)	1,926.00	48,926.00

Staff Welfare Fund (Receipts)		213,185.87
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Entrepreneur Development Fund (Receipts)		80,647.20
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12,947,768.56


PAYMENTS**Project Expenditure**

- Specific Projects / Programmes	11	5,773,904.91	
- Other Activities / Reimbursements / Donations	11	283,513.00	6,057,417.91

TIDE Programmes	12		6,100.00
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Audit Fee Paid			65,000.00
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Secretariat Expenditure	13		882,825.00
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Travel / Project Advance

- Staff		651,364.00	
- Entrepreneurs /Others		768,218.41	1,419,582.41

Deposits

- Fixed Deposit			1,850,000.00
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Salary Deductions - Remittance

- Professional Tax		24,625.00	
- Provident Fund (Employees Contribution)		347,842.00	
- SWF Loan		69,100.00	441,567.00

Other Recovery/Remittance

- T D S Remittance (Consultants / Contractors)			184,014.00
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- TDS - Grantors / Bank			105,505.00
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Staff Welfare Fund (Payments)			127,714.00
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Entrepreneur Development Fund (Payments)			32,963.00
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Fixed Assets			9,912.00
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Other Payments / Debits

- Interest Receivable on FD	21,178.67
- Project surplus on completion (PA-GACC)	489.00
Written Off A/c - Debtors (Trident Corporation)	26,650.00
- S.V. Venkatesh (Rent) - (Short Payment)	30.00

Closing Balance

- Cash on Hand	9	28,433.97
- Cash at Bank	9	1,688,386.60
		- 1,716,820.57
		<hr/> 12,947,768.56 <hr/>

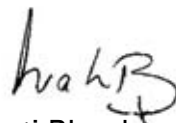
Significant Accounting Policies and
Notes on Accounts

14

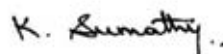
Bangalore
10/17/2014



N.V. Krishna
Chairman

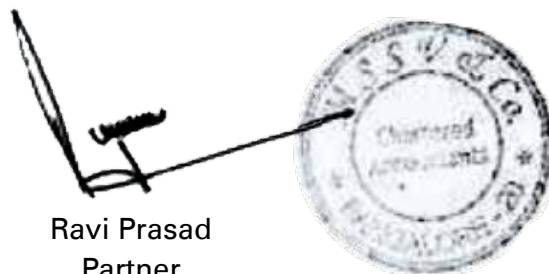


Svati Bhogle
Secretary



K. Sumathy
Executive Director

Refer our report of even date
For MSV & Co,
Chartered Accountants
FRN 001987S



Ravi Prasad
Partner
M No.203414

Bangalore
10/17/2014

TIDE Operational Team

No	Name	With TIDE since	Roles
1	ASHWIN KOILPARAMBIL	Jan-15	Leads Energy and Water services programs
2	BALAJI RAO G	May-15	Implementor for Energy & Water services program
3	CHANDRANNA K	Feb-98	Assistant at TIDE
4	JAYARAMAN S	Mar-94	In charge of Finance and accounts
5	LEELA M	Jun-13	Finance and Accounts
6	MANJUNATH H C	May-01	Field In charge
7	POORNIMA BR	Dec-12	In charge of Women's Technology Park (WTP) and Manini
8	PRAMILA S POOJARI	Jan-11	Leads Women & Liveihoods programs, and in charge of Sarala Stove trainings.
9	RAJA K	Jan-95	Implementor for Energy & Water services program
10	SUMATHY K	Jan-11	Strategy & fund raising, Internal monitoring of TIDE projects, Mentor for Energy & Water services
11	SVATI BHOGLE	Apr-99	Technical advisor on projects, Incharge of project generation, Mentor for cookstoves
12	VANAJA S	Dec-05	In charge of HR and Admin
13	VELUSAMY S	Nov-10	Leads Energy team and stove designs

TIDE Management Team

No	Name	Role in TIDE Management Team CoM - Council of Management; GB - General Body	Role in other organizations, if any
1	Dinesh Kagathi	GB Member	Chief Executive Officer, Green Peace, Bangalore.
2	Hari Natarajan	CoM & GB Member	Independent consultant
3	Hoysala N Chanakya	GB Member	Scientist, C.S.T, I.I.Sc, Bangalore
4	Jayachandra A N	CoM & GB Member	Senior Administrative Officer, JNCASR
5	Krishna N V	Chairman	Director, Sustaintech Pvt Ltd
6	Madan Rao	GB Member	Professor, Raman Research Institute
7	Rajagopalan S	Founder, Permanent Invitee to CoM, GB Member	Professor, IIIT Bangalore
8	Sampath Kumar N	GB Member	Director, TIDE Technocrats Pvt. Ltd., Bangalore
9	Shailaja R	CoM & GB Member	Regional Director, CEE-South
10	Sharachchandra Lele	GB Member	Senior Fellow & Convenor, Centre for Environment & Development, Ashoka Trust for Research in Ecology and the Environment (ATREE)
11	Sujatha Byravan	GB Member	Scientist, C.D.F, Institute of Financial Management & Research, Chennai.
12	Svati Bhogle	Secretary	MD , Sustaintech Pvt Ltd
13	Vinod Vyasulu	GB Member	Ex Director, CBPS, Centre for Budget & Policy Studies, Bangalore
14	Vishwanath S	GB Member	Director, Biome Solutions; Patron - Rainwaterclub.org



Manini's journey

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 Bangalore – 560 003
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 Facebook : <https://www.facebook.com/pages/Technology-Informatics-Design-Endeavour/108424802574316>