

# ANNUAL REPORT

2019 - 2020

2019-20

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# MANAGEMENT LETTER

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As this financial year is closing, we are witnessing an unprecedented challenge to humanity in the form of the pandemic caused by COVID-19. At the time of writing this note, already over 25,65,059 have been infected worldwide with 1,77,496 dead. The race to save lives and find a cure/treatment has taken the world by storm.

Notwithstanding this terrible state, warnings for several years now from various scientific groups world over, regarding the on-going and projected deaths due to climate change is going unheeded.

In 2018, World Health Organisation (WHO) predicted predicted that between 2030 and 2050, global warming would cause an additional 250,000 deaths per year from heat stress, malnutrition, malaria and diarrhoea. All of these are exacerbated from changes in climatic conditions caused by the increase in greenhouse gases.

Rising temperatures results in higher incidence of death causing heat strokes, communicable and vector borne diseases (Nipa, Q fever, etc.); forest fires and reduced availability of water leading to changing habitats for animals, and agricultural cropping patterns pushing vulnerable communities to adapt at heavy costs.

Should we look at the COVID-19 crisis as a call to hit the reset button? Can we maybe finally see that current forms of development are causing irreversible damage to the environment and in turn, us? Or will we have short-term memory loss, and continue business-as-usual to again be affronted with another crisis sooner than later?

My guess, unfortunately is that of the latter, unless there is a systemic and massive change in the way we live and respect the environment that gives us everything. Humans are used to too much of the “good thing”.

Behaviour change is a must. ENSYDE continues its mission to bring about behavioural change through providing education, and simple sustainable solutions for the environment.

We thank our supporters, donors and well-wishers who have come with us on our journey the last 4 years, and hope that you will continue being with us for years to come.

**Manvel Alur**  
CEO & Founder

# INTRODUCING ANAND TALWAR – NEW BOARD MEMBER

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We welcome Mr. Anand Talwar to our team! Anand comes with rich experience in human resources, business development and program management. With over 30 years of work experience in the corporate sector, Anand will add exceptional value to the team. We are eagerly looking forward to working together and enhancing ENSYDE's vision.



During our lifetime, each of us have been 'consumers' of global resources with very little attention having been paid to environmental protection or regeneration, as we have been 'busy' chasing our corporate dreams and goals.

When ENSYDE, a non-profit trust working towards providing programmatic solutions for the environment - particularly in energy, water, waste and education approached me to join their Board as a Trustee, I did not hesitate even for a minute as it gave me the opportunity of being a part of their mission to build environmentally conscious and sustainable communities.

I found great passion and dedication in the team, with a very clear vision to not only execute projects that would help build a better world, but also focus time and energy in educating various stakeholders on the subject, something that is an equally important part of the mission of ENSYDE.

**Anand Talwar**  
Trustee

# ACHIEVEMENTS AND AWARDS



In 2018, ENSYDE's bE-Responsible Initiative was selected as the top 8 finalists for the Innovation Challenge for Bengaluru Urban. This Challenge was a project of the Tata Center for Development at UChicago and the Urban Development Department of the Government of Karnataka.



## Environmental Synergies in Development

Leading Providers of Environmental Experiential Education Programmes -  
India & Most Progressive eWaste Initiative: bE-Responsible

In 2019, ENSYDE's bE-Responsible Initiative and the Experiential Environmental Education Program were selected as one of the winners of the BUILD Magazine Announces The Recycling & Waste Management Awards 2019.

# BE- RESPONSIBLE INITIATIVE

This program was extended from 30 wards to 40 wards over the period of 2018-20. The donors VMWare and Western Digital have continued their active support to the program and ENSYDE is very appreciative of their commitment to the initiatives. We conducted a Mega E-waste day in association with Western Digital at 17 locations in East and North east Bangalore apartments and residential layouts including Prestige Shantiniketan, AECS Layout, Asset Gardenia, Ferns Habitat, etc. to name a few. This was widely featured on Fever 104FM radio channel during RJ Prithvi's show. It was a successful drive which resulted in an encouraging collection of 1311 kgs!

We have also forged a successful association with the Bangalore Apartment Federation (BAF) which has a total membership of 500+ apartments in the city. We propose to work closely with BAF to sensitize and on-board these apartments to our program for scheduled collection.

bE-Responsible has successfully associated with Dunzo to service e-waste pick up from homes. Citizens may use this service to dispose small items through our program. Several citizens have already used this option for e-waste disposal.

The pilot program at Mysuru in association with Swami Vivekananda Youth Movement and Saraswatipuram Post office has been completed with around 7 awareness and collection campaigns at schools, colleges and residential areas. We currently working towards scaling this initiative in Mysuru and potentially a few more smaller towns in Karnataka.

## BE-RESPONSIBLE IMPACTS (As of February 2020)

327 Campaigns conducted  
Reached out to over 13 Lakh citizens  
68457 E-waste collected  
404.9 toxic metals diverted from landfills  
19632.58 kgs of Carbon emissions reduced

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*ENSYDE's be-Responsible program is a great way for citizens to dispose their e-waste responsibly. It has been a pleasure working with the team to organize the e-waste collection drives in our neighbourhood. I would strongly recommend communities to reach out to the ENSYDE team and join the be-Responsible program. It is a small action but a BIG impact.*

Anuradha Govind  
Resident of BEML Layout 6th Stage

# BE- RESPONSIBLE INITIATIVE

## WAY FORWARD

As of February 2020, ENSYDE will handle the logistics as well as the awareness for the bE-Responsible program – thereby providing end-to-end solutions. Strong logistics and customer interface will support this, to ensure increased adoption. This format will be tested as we work towards sustainability of the program. Since handling the program independently, we have successfully completed 13 awareness campaigns in various areas throughout the city.

Our plan is to further increase and extend our reach in the city. Further, we are collaborating with a social/digital media experts to increase our viewership and usership.



Mysuru citizens collection at Saraswatipuram PO/ Police public school, Koramangala



Bangalore Civic Fest and VET- Rotary E-waste day, JP nagar

“

We started our partnership with ENSYDE and SAAHAS in 2017, to support bE- Responsible. A program which provide a very unique and effective solution to one of the most ignored environmental threat, Electronic Waste. We are proud of the impact the program has made. Over 65 tons of e-waste collected and disposed responsibly, over 40 public e-waste drop boxes placed at supermarkets, post offices, clubs, etc., and over 11 Lakh citizens been sensitized on the issues related to e-waste. This impact was made possible by the amazingly talented and passionate team of ENSYDE and SAAHAS.

We thank SAAHAS AND ENSYDE for a great relationship and support they have provided us in helping them with a better tomorrow.



Tima Chaudhary  
CSR Lead, Western Digital India

# PRESCRIPTION FOR CHANGE

The program aims to create awareness to facilitate the management of unused and expired medicines. This waste stream is currently being dumped into landfills, contaminating our soil and water systems. This indiscriminate disposal is known to cause bioaccumulation of antibiotics in humans and animals leading to antibiotic resistance.

ENSYDE undertook a pilot of this initiative in Koramangala, Bangalore (Ward #151) for six months. We worked with apartments, open layouts, schools and colleges, creating awareness in various formats including door-to-door awareness, a play and newspaper inserts. Student interns from Jyoti Nivas College and Christ University played a major role in sensitizing the community.

## IMPACTS

Sensitized 30,000+ citizens

Collected ~200 kg of unused/expired medicines and channelised it to a biomedical waste treatment facility. Citizens' keen interest to participate in the initiative as well as assured support from the local government (BBMP) are key motivators to take the program forward.

The pilot also allowed us to understand the costs for sustaining the program, the relevant stakeholders that are to be brought into the program, and the overall approach to raising the levels of awareness.



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*Ashirvadam is happy to have collaborated with ENSYDE on the Prescription for Change initiative as the project was implemented in line with objectives in letter and spirit. The ENSYDE team has been very cooperative and their dedication to the cause is really appreciable. We wish them all the best for their initiatives.*

**Gagan Kumar Pathik**  
CEO, Ashirvadam



# PRESCRIPTION FOR CHANGE



Students from colleges such as Jyothi Nivas College (JNC) and Christ University participating in door-to-door awareness campaigns & skits

## WAY FORWARD

Based on the learnings from the pilot, ENSYDE plans to scale the initiative to 10 BBMP wards in Bangalore, with a minimum of 5 medicine drop-off points in each ward. In addition to ensuring safe take back and disposal of medicines, the program will also implement segregation of medical packaging such as aluminium, glass and plastic, for material recovery and recycling.

# REGENERATREE – CREATING CARBON SINKS

ENSYDE has initiated a program called REGENERATREE that focuses on creating micro forests in urban areas. Urban areas are seeing the most aggressive destruction of tree cover, becoming hotter and hotter every year. In order to make this program successful, not only do we plan to bring love for trees, increase the understanding of the role of trees in all aspects of our lives, and in maintaining the delicate balance in nature, the Regeneratree program is with a difference. Regeneratree was initiated by a student-volunteer, Diya Jagannath, with the intent of stimulating Bangalore youth to climate action.

## IMPACTS

ENSYDE has facilitated the planting of **2000 trees** in Bangalore with a survival rate of 95%. We have educated and sensitized over **2500 citizens** on the value of trees. Most recently ENSYDE partnered with DCB Bank and Salesforce to plant close to **1500 trees**.

## WAY FORWARD

This year, we have an aggressive target of planting 10,000 trees. ENSYDE is using crowd-funding as an option to raise funds for our program. We are also working with other organisations to pilot urban greening and biodiversity conservation.



First Regeneratree with volunteers from Greenwood High International School



Greening drive with Salesforce volunteers



Planting with DCB Bank volunteers

# PLANETEERS PROGRAM

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ENSYDE's Experiential Environmental Education program aims to sensitize children towards issues of water, energy and waste. This is achieved through improvements at home and their communities. ENSYDE does project-based learning program where children are required to research the issue, conduct surveys & data analysis, create & implement awareness campaigns around their solutions. Projects implemented by the students range from solarizing common areas in the school, to creating kitchen gardens; to educating residents about grey water recycling etc. All these allow the students to be environmentally, ethically, and scientifically sensitised.

The program has been tried and tested. The plan is to get the school children implement several more meaningful and impactful projects going forward in energy, water and waste management. We have a well-oiled module that is constantly being improved to ensure that the school children become true changemakers and citizens for the environment.

In 2019 Planeteers program was re-initiated in two schools. We have successfully conducted this program over the last 3 years at Samved in JP Nagar and Lawrence School in HSR Layout. With over 10 projects implemented, the initiative is slated to grow in the coming years.

The Planeteers initiative was also carried out in other schools through shorter high impact programs for sets of students. The students at Ebenezer International School, Vivero International Pre-School and Oakridge were sensitized through games, videos, quizzes, storytelling, and debates to issues related to climate change, waste segregation and upcycling.

Corporate awareness as part of our Planeteers Initiative took off through our activities at VMWare. Employees were given an overview of climate change weaving this issue through topics related to water savings, reducing the use of chemical detergents and enhancing green cover. The employees were given sample aerators to be installed in their homes, and organic detergents for their washing machines.

## IMPACTS

Sensitized over **5000 students** and employees and helped them implement environmental solutions at community and school level.  
Reached out to over **1000 citizens** through social media.

# PLANETEERS PROGRAM



*Engagement with VMWare Employees*



*Planeteers in Samved*



*Planeteers at Lawrence School*

## WAY FORWARD

ENSYDE will scale this initiative to several more schools and colleges going forward. In addition, we propose to have an environmental implementation challenge for several schools, wherein students implement solutions to everyday energy, water or waste issues.

# FINANCIALS

## Environmental Synergies in Development (ENSYDE)

### Income and Expenditure Account for the year ended 31/03/2020

Expenditure	Rs.	Income	Rs.
Bank charges and interest	2,121	Grants and voluntary contributions	21,38,665
Professional and consultancy charges	19,73,593	Environmental service receipts	22,57,682
Awareness, materials and events costs	72,335	Miscellaneous income	122
Conveyance and travel	3,16,795	Interest on IT refund	14,071
Re-Generate - tree planting	4,86,000		
Office rent and maintenance	3,30,670		
Printing, stationery and postage	34,014		
Office expenses	67,103		
Memberships and subscriptions	44,344		
Meetings and conferences	5,000		
Service charges	1,12,499		
Repairs and maintenance	22,000		
Salaries and stipends	6,16,000		
Staff welfare	46,278		
Telephone and internet charges	22,499		
Website and email	42,923		
Depreciation	66,676		
Excess of income over expenditure	1,49,690		
<b>Total</b>	<b>44,10,540</b>	<b>Total</b>	<b>44,10,540</b>

### Balance Sheet as at 31/03/2020

Liabilities	Rs.	Assets	Rs.
Corpus Fund	50,000	<u>Fixed assets:</u>	
<u>General Fund:</u>		Office equipment	33,499
Opening balance	15,86,633	Computers and Accessories	44,423
Add: Excess of income over expenditure	1,49,690	Interiors and Electrical Fittings	2,27,814
	17,36,323	Furniture and Fixtures	60,408
Loans from Trustees	5,82,961	<u>Current Assets:</u>	
Sundry creditors	3,04,931	Cash on hand	-
TDS payable	24,808	Cash at bank	17,28,802
		Security deposit	2,00,000
		TDS receivable	4,04,076
<b>Total</b>	<b>26,99,022</b>	<b>Total</b>	<b>26,99,022</b>

Place: Bangalore

For ENSYDE

As per my report of even date

Date: 01/09/2020

Trustee



*Ratna Ravikumar B.*  
Ratna Ravikumar B.  
Chartered Accountant  
M. No. 23785

# FINANCIALS

## Environmental Synergies in Development (ENSYDE)

### Receipts and Payments Account for the year ended 31/03/2020

Receipts	Rs.	Payments	Rs.
<u>Opening Balance of:</u>		Bank charges and interest	2,121
Cash on hand	0	Professional and consultancy charges	18,61,562
Cash at bank	8,04,298	Awareness, materials and events costs	72,135
		Conveyance and travel	3,20,104
Grants and voluntary contributions	19,37,395	Re-Generate - tree planting	4,86,000
Environmental service receipts	29,69,742	Office rent and maintenance	3,02,670
Miscellaneous income	122	Printing, stationery and postage	36,223
Interest on IT refund	14,071	Office expenses	61,704
Loans from Trustees	4,88,300	Memberships and subscriptions	44,344
IT refund	1,34,039	Meetings and conferences	5,000
Rent deposit refunded	73,784	Service charges	1,12,308
		Repairs and maintenance	22,000
		Salaries and stipends	6,11,000
		Staff welfare	49,785
		Telephone and internet charges	21,361
		Website and email	42,923
		Fixed assets purchased	3,93,410
		Rent deposit	2,00,000
		Loans repaid	48,300
		<u>Closing Balance of:</u>	
		Cash on hand	0
		Cash at bank	17,28,802
<b>Total</b>	<b>64,21,751</b>	<b>Total</b>	<b>64,21,751</b>

Place: Bangalore

For ENSYDE

As per my report of even date

Date: 01/09/2020

Trustee



*B.Ratna*  
Ratna Ravikumar B.  
Chartered Accountant  
M. No. 23785



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**ENVDE**  
Environmental Synergies in Development

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**GUIDE**

# EXPERT EDUCATION SERIES

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ENSYDE believes in continuous education for all – our team and our stakeholders. We have constantly provided employee professional development opportunities through workshops, presentations, conference attendance, etc. Our team have taken courses on topics such as fundraising, project management, environmental economics, social media marketing, public speaking, database management, etc., to build skills.

In addition, we have bought in external speakers and thought leaders to address key issues and leverage their experiences. Some of these include:

1. Urban Tree Diversity & Air Pollution,  
*Ms. Poornima Kannan*

2. Emotional Wellbeing –  
A Key to A Healthy Work Environment,  
*Ms. Pinky Chakraborty*

3. Tourism the Harbinger?  
*Mr. K T Suresh*

4. Endurance, Teamwork and Resilience,  
*Mr. Samim Rizvi*

5. Million Wells for Bengaluru,  
*Ms. Shubha Ramachandran*

6. Being a Social Entrepreneur – A New Aspiration,  
*Mr. Avinash Krishnamurthy*



*Urban Tree Diversity & Air Pollution*