



**Y A G E**

ZERO WASTE HIMALAYA

**ANNUAL REPORT**

**2018-2019**

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## INTRODUCTION

Voyage is a Social Enterprise working in the sphere of *ZERO WASTE and SMART CITY consultation*. We aim to do this using the principles of “Circular Economy for all Resources” and “Dignity of Labor”. We hope to drive a Socio–Economic transformation, leading to Social Upliftment and Environment Conservation.

We work with various Institutions and provide Consulting and Implementation solutions, geared towards development of Sustainable & Smart Cities. Our work is aligned with United Nations Sustainable Development Goals blueprint, to achieve a better and more sustainable future for all by 2030.



Figure 1 VOYAGE CORE SDG'S IMPETUS

## HIMALAYAS - THE THIRD POLE

Himalayas are the third highest reserves of freshwater on Earth - after arctic and Antarctica. The region is the source of 10 major river systems that provide irrigation. power and drinking water for over 1.3 billion people in Asia- Nearly 20% of the World's Population.

**IMAGINE THE IMPACT OF CLIMATE CHANGE IN OUR HIMALAYAS!**

To support averting the impending climate crisis, Voyage was envisioned as a policy and technology research and implementation organisation.

## OUR VISION

Zero Waste Himalaya

## OUR MISSION

Voyage wishes to take all the citizens of our country through a Socio-Economic transformation.

## OUR OBJECTIVES

Creating Micro – Entrepreneurs and job seekers, thereby enabling formal sector inclusion.

Our Core work revolves around all types of Solid and Liquid Waste Management and Energy efficiency.

A zero-waste world is one where there is maximum efficiency and nothing goes to waste, as can be seen in nature. We have embarked on the journey to achieve the goal of Zero Waste before it is too late and there is no earth to save

## OUR VALUES

Our values serve as a compass for our actions and describe how we behave in world

- **Passion:** we are committed in heart and mind
- **Accountability:** if it is to be, it's up to me
- **Integrity:** Be real and holistic in approach
- **Leadership:** The courage to shape a better future by revolutionizing the present.

## ABOUT REPORT

Voyage is pleased to present its annual report to all its stakeholders. It highlights the activities in the reporting period i.e.1st April 2018 to 31st March 2019. The facts and figures have been compiled for the benefit of all the stakeholders, including, civil society members, project partners, regulators, employees and the society at large.

# OVERVIEW OF THE YEAR 2018-2019

In 2018, we conducted the following number of activities as per our project divisions:

1. RIO Program – 1
2. Informal Sector Upliftment – 2
3. IEC Activities – 4
4. Zero Waste Pilot Programs – 4
5. Technology/Policy Research - 3

## PROJECTS

### ZERO WASTE PILOT PROJECTS

1. **17 Mountain Division-** On June 23<sup>rd</sup> 2018, we began our project funded by 17 Mountain Division, Gangtok, Sikkim. The main objective of the Project is to develop a Zero-waste solution for the entire Cantonment. This project has been divided into the following phases:
  - a. **Zero Waste Audit** –A baseline survey was conducted by inspecting the current waste collection, processing and disposal practices. The data was used for the solution design phase.
  - b. **Zero Waste Solution Design** – Using the data from the audit and survey of existing ecosystem, a solution was proposed for implementation.
  - c. **Formulation of all Policy and Standard Operating Procedures documents.**

Post these activities, on ground implementation is in pilot phase, aiming to achieve the goal of Zero Waste Military Station.

2. **Tagalong** – Tagalong is a backpacker hostel plus café in Development Area, Gangtok, Sikkim. This project is funded by Tagalong to identify Zero Waste Solution along with waste water and energy efficiency for small establishments. This project was started on 6<sup>th</sup> October, 2018 followed by Audit in the month of October, 2018.

Vermi-Composting solution has been proposed for Tagalong, which is under planning phase.

3. **Zero Waste Audit at Sikkim Government College, Tadong** (April/May 2018) - On behalf of ECOSS (Eco- Tourism and Conservation Society of Sikkim), We conducted baseline waste audit at Government College of Sikkim, Tadong for their premises. This report was used by them to show the progress of the project to all their stakeholders.
4. **MP Office Complex** – A pro-bono Waste audit was conducted on 15th March 2018 at the office complex of Sikkim Lok Sabha Member of Parliament at Convoy Ground, Gangtok. This data was used in awareness seminar for the benefit of the employees in the complex.

## **TECHNOLOGY/POLICY RESEARCH**

1. **EDS** – Environmental Design Services Pvt. Ltd. is a sustainability advisory firm focussing on the built environment. We wrote 2 articles geared towards sustainable development. Articles published are :
  - a. **“Scaling Sustainability – Lessons from Sikkim (FAO Future Policy Award 2018 Winner)”**.
  - b. **Waste Management India – Present Scenario and way forward**

These resources are used as training manuals for **LEED Green Certification requirements**.

2. **Technology Research on using orange peel extract derived recycled Thermocol for thermal insulation boards.**

## **IEC (INFORMATION, EDUCATION AND COMMUNICATION)**

1. **Social Media** : We are working with a local youth organisation called **Redendron**, for creating campaigns for enhanced awareness. We

have launched 2 IEC videos and 2 campaigns, which are in the pipeline.

2. **Seminars:** We have conducted seminars at Travel Café, Défense Auditorium, Nar Bahadur Bhandari Degree College and ICFAI College.
3. **The Himalayan Clean-up, May 26<sup>th</sup> 2018** -- On 26th May,2018, more than 200 organisations from all 12 Mountain states of India participated in a mass campaign, to clean the Himalaya, where a chosen site was cleaned, audited by waste type and brand. This brand report was presented at the World Environment Day, to push for **#beatplasticpollution movement**. Our clean-up was organised at Nanmang View Point, Gangtok, right beside Sikkim Legislative Assembly with the hope of using this platform, such that youth can get a say in the policies of the Govt. for Zero Waste.
4. **Twitter Session** – Twitter India, in association with Delhi Based Organization PlucTV, conducted a panel discussion in Gangtok on 4th November, 2018 with the focus on Pollution stories. The founder **Pritam Pany was the Moderator of the Panel discussion.**

### **INFORMAL SECTOR UPLIFTMENT**

Free Medical and Vaccination Camp for the benefit of Rag-Pickers at the Martam landfill, Gangtok was conducted on **28th October 2018 and on 8<sup>th</sup>Dec 2018**. This initiative was supported by Doctors from CRH Hospital (a private hospital located at 5th Mile, Gangtok) and volunteers from ICFAI Sikkim College.

### **RIO PROGRAM**

A trainee associate is being incubated to be created as a micro – entrepreneur. As per the rio program, he is being raised, post which he will implement and operate under Voyage guidelines.

# TEAM



## PRITAM PANY

- IIT Roorkee Graduate
- LEED Green Associate
- ISO – 14001 Lead Auditor Course
- **5 years** of Consulting and Operational experience in MNCs/Startup



## THUPDEN GURUNG

### Researcher

- Civil Engineering 4th year student at SMIT
- Designer by passion , researcher by vocation
- Works with team for end to end video production



## SEEMA PANY

- Member of **AWWA Organisation** (Invisible Hand which shapes the punch of Indian Army)
- Retired principal of **ASHA School** – centre for differently abled children
- Environment Champion , Avid Reader and Traveller



## ANIL CHETTRI

### Operations Associate



# PHOTOGRAPHS



**Medical Camp at Martam Landfill, 32**



**The Himalayan Clean-up, May**



**Student Driven Audit at erstwhile Sikkim Government College – April**



**Twitter #letmebreathe Panel Discussion Nov 2018**



**Orientation Seminar at Defence Auditorium, 17 Mountain Division**



**Jagriti in association with Coca Cola Sustainable Enterprise Award, Finalist Dec**

## BALANCE SHEET

### Balance Sheet 2018-2019, all figures in INR

Liabilities (Surplus)	20,128
Assets ( Cash & Bank Balance)	20,128

### Financial Statement 2018-2019, all figures in INR

Expenditure	
Admin Expense	21,202
Salary & Allowances	1,54,226
Charitable Program Expenses	8782
Office Expenses	49,441
Surplus	9,138
<b>Total</b>	<b>2,42,789</b>
Income	
Project Income (Research & Audit)	1,30,959
Donations & Contributions	1,02,500
Refund	8,500
Bank Interest	830
<b>Total</b>	<b>2,42,789</b>

## BOARD MEMBERS

S.No.	Name	Role	Nationality
1.	Seema Pany	President	Indian
2.	Poonam Pany	Secretary	Indian
3.	Pritam Pany	Treasurer	Indian