

Summary

Experience more than 13 years :

experienced sustainability and networking executive; driven by integrity and strong ethical principles. A confident leader with a passion for smart business improvement by connecting with diverse interest of the people. During my twelve years working in environmental science, I have driven a number of successful initiatives leading to improved waste management and circular economy in both residential and industrial sectors. Strong team player and leader; inspires and challenges others to achieve their potential. I have worked on a variety of international projects that were funded by global organizations including the World Bank, GTZ and USAID. I have a strong background in both research and project management and am looking to advance my career through developing further sustainable projects. Cleanly communicates and reframes complex issues.

Areas of Expertise

- Environment and Sustainability
- Project Management and Implementation
- Fund raising and CSR
- Network and Communication
- Waste Management and Circular Economy
- Board and Team Leadership

Education

University of NMU Master of Science (Environmental) <u>Post Graduated:</u> May 2001	Jalgaon, India
University of Pune Bachelor of Law <u>Graduated:</u> May 2015	Pune, India
University of NMU Bachelor of Science (Zoology) <u>Graduated:</u> May 1999	Jalgaon, India
Technical University Certificate of Proficiency (Resource Efficiency Circular Economy) <u>Certificate:</u> December 2015	Dresden, Germany
SIDA and SIPU International Diploma (Local Environment Management in Urban Areas) <u>Diploma:</u> January 2013	Stockholm, Sweden Yogyakarta, Indonesia

Fellowship

UNEP/UNESCO/BMUB fellowship for International Short Course on Resource Efficiency - Cleaner Production and Waste Management, University of Dresden, Germany, 2015

Swedish International Development Agency fellowship for attending training on Local Environment Management in Sweden and Indonesia, 2013 and 2014

Membership of the Professional Bodies:

1. Global Partnership in Waste Management
2. Water Supply and Sanitation Collaborative Council
3. Un Habitat :Urban Gateway

Capabilities

Networking and Coordination

- Networking with more than 100 local, national and international organizations working in the field of environment management especially waste management and recycling
- Development of an outreach plan to build connections with potential members, including responding to requests for information and building connections in target organisations,
- Design and maintain an up to date contact records management system
- Acting as facilitator, provide secretarial support to take forward the agenda of the organization.
- Excellent at interacting with Senior Bureaucrats and High Profile Personalities (e.g. Chairman National Finance Commissioner, GOI, Commissioners, Industrialist)

Project Management and Implementation

- Designed & developed Project Management and Implementation Units (PMUs & PIUs)
- Monitoring mechanisms such as KPIs, benchmarks, surprise audits to evaluate the progress of the project
- Keeping project plans updated and briefing project teams on progress and plans, and following up on agreed actions.

Fund Raising and Finance Management

- Design and develop fund raising strategy as per the plan
- Extremely good at finance management, coordination with funders and supporting to ensure effective budget management
- Fund raising for waste management and resource recovery work

Strategic Planning and Implementation

- Excellent in expanding and strengthening the network of multilateral institutions
- Good at handling ambitious capacity development initiatives that will help support members, and encourage new organisations to become part of our vital work.
- Superb communication skills and sophisticated networker, able to built strong relationships within organization and with a wide variety of organisations across the Globe

Sustainability & Corporate Responsibility

- Facilitated sustainability and CSR strategic planning for small to large, national and international brands.
- Consulted with corporates on their environmental sustainability strategies.
- Developed, tracked, and documented corporate “best practices” programs in waste, energy, supply chain accountability, communication, and stakeholder engagement.

Business Leadership Operations

- Collaborative leadership style of listening and discerning values and strengths
- Effectively led and managed boards, staff, and R&D teams
- Experienced in both matrix and traditional work environments.
- Proven experience in developing and implementing effective strategic plans.
- Strong, calm coaching and leadership demeanor.

Employment History

Sept 14 – Present: Deputy Director

Janwani, Pune, India

Janwani is a Public Trust established as social initiative of MCCIA (Chamber of Commerce) under the chairmanship of Dr. Vijay Kelkar, Chairman, 13th Finance Commission, GOI . Janwani stands for united voice of the people and provide solutions that take a holistic approach.

Objectives:

- Make Pune Metropolitan Region the best place to live and work.
- Promote equitable and sustainable development in PMR.
- Identify critical gaps and provide well-researched and implementable solutions.
- Create a platform for various stakeholders to share perspectives and build consensus

Working as In-charge, Environment Focus Area; to develop, implement, and communicate environment sustainability and corporate social responsibility efforts. Work ranged from integrated strategic planning to project management, strategic communication, and training: employee and stakeholder engagement, supply chain, waste, energy, and facilities.

Role and Responsibilities

1. Day to day management of the Janwani's Environment Focus area
2. Execution of collaborative projects with Municipal Corporations, NGOs ,Corporate Sector and State Governments
3. Provide strategic guidance on the future of the Environment Focus area, including the identification of projects and activities
4. Provide high-quality of reports and products of the Janwani
5. Build relationship with a variety of stakeholders
6. Provide leadership to the staff of the Janwani, maintain creative working environment, and enhance effective delivery of its mandate.
7. Represent the Janwani at local, national and international level.
8. Provide leadership to more than 120 executive and field staff.
9. Report to Director, Trustee Janwani and Governing Council of Janwani on the work of Janwani's Environment Focus area activities including working with NGOs and other Municipal Authority, promoting publicity and raising funds to strengthen the activities of the Janwani's Environment Focus area

Some of the projects include –

1. Zero Garbage Ward model

Year 2010 to 2011 - Design, Develop and successfully implemented a pilot project in one of wards of Pune includes 11,500 households and 35,000 populations.

“Zero Garbage Ward” means that garbage should be reused locally to avoid sending the trash to landfills. Alleviates both environmental issues related to landfills as well as city maintenance costs. Enhanced recycling of plastic, glass, metal and paper and harness potential of organic waste through investment in biogas, composting and other technologies.

Year 2012 to 2015 - Scaling up of Zero Garbage Ward project in 21 Wards of the city covering almost 1million population and 0.25 million households. It includes establishing systems for collection of segregated organic and inorganic waste from the residential and commercial areas of the city. The major tasks involved

1) Waste Logistics and Routing -

Waste management services are often complex, extending to multiple vehicles, collecting many different material types for drop off, at a range of waste management facilities within urban and rural locations. The overall outcome is greater operational service efficiency.

Conducted following;

- **Strategic business planning** in waste routing and logistics for both private and public sector organisations of all sizes and locations.
- **Efficiency studies** for existing, new and forecasted waste collection scheme for householders and industry service users alike.
- **Training and knowledge transfer** –provides training and operational support in the application of routing and logistics software.
- **Providing deliverable solutions** through the provision of industry best practice advice and support.

2)Waste Strategy and Plan Development

Waste strategy and plan development is critical in providing a framework and business plan for improved waste resource management, and is relevant for all organizations and jurisdictions. I follow the global principle of the waste hierarchy of waste prevention, minimisation, reuse, recycling, energy recovery and final disposal. Provide support for the following:

- **Strategy advice:** Waste management strategy, plan and master-planning advice.
- **Strategic business planning:** Market intelligence, industry market analysis, due diligence, strategic business reviews, including financial viability studies.
- **Policy research, review and development:** Including best practice guidance reviews.
- **Life cycle and carbon assessments** for corporate and project reporting.

3) Waste Technology Advice

Appropriate technology choice and selection is fundamental for sustainable waste management. Provided support for the following;

- **Project and contract management** –in preparation of legal documents and procedures
- **Technology selection** – determining waste treatment type and suitability.
- **Assessing renewable and carbon credentials** – of renewable energy and waste projects, and assessing their applicability for renewable incentives.

4) Circular Economy

Designed, developed and implemented programs based on the Concept of Circular Economy and Resource Management.

a) Institute collection system and channelize of e waste recycling:

The project aimed at to institute collection system and channelize E-Waste for recycling using environmentally sound technologies involving SMEs and informal sector workers.

1. Placing Collection Bins: Collection bins placed where one could drop tiny to small unusable electronic items.
2. Awareness campaigns in societies and educational institutes
3. Ewaste collection drives at Residential societies

Through number of collection drives and programs we are able to collect 3 Tons of e waste in four months.

Setting of Trash – Cash Model:

Set up ewaste collection system by developing Trash – cash model jointly with authorized waste collection agencies.

b)Reduction of GHG through “Refuse, Reduce, Reuse, Recycle” Plastic

The project aim to ensure reduction of use of plastic inside and outside Cummins by

1. Developing Women SHG for preparation of Newspaper bags which will also provide livelihood opportunities.

2. Developing market to sell newspaper bags
3. Towards recycle plastic being used by employees at their residences by making an appeal to employees to submit used / waste plastic in Cummins and send it for recycle

5) Research on waste disposal technologies

Conducted research on design and developed appropriate solution for processing of organic waste, two technologies were tried and tested 1. Fuel pellets and 2. Drum Composting using different cultures

6) Engage as a Subject expert by Pune Municipal Corporation for providing inputs and mentoring Waste and Sanitation area for the Central Government Scheme of Smart Cities Mission.

7) Towards a comprehensive solid waste management policy – Member of Committee who design and developed policy for Pune and Pimpri Chinchwad Municipal Corporation.

May 2010– June 2011: Deputy Manager

Janwani, Pune, India

Role and Responsibilities

1. Creating a Model of Zero Garbage Ward – A pilot project
2. Application of ISO (International Organization for Standardization) of Decentralized Solid Waste Collection and Disposal System
3. Assist Pune Municipal Corporation to prepare a City Sanitation Plan
4. Assist Pune Municipal Corporation for the effective implementation of rule setting-up mechanism for plastic waste collection, segregation and disposal.

Oct 2008– April 2010: Research Associate

Urban Management Centre ,

Ahmedabad, India

Role and Responsibilities

1. Formulation, planning and execution of the program
2. Assessing performance of cities in the sectors of water supply, sanitation, storm water drainage, solid waste management, slums, consumer grievance redressal system, finance, staff management etc.
3. Marking the city water supply system, sewerage and storm water drainage network, municipal solid waste collection and disposal system and slum locations etc on the Google maps.
4. Coordination and networking among the different stakeholders
5. Development of project proposals, EOI for national and international funding agencies like ADB, GTZ, USAID and others

The major projects

- “ PAS” (Performance Assessment Systems for Urban Water Supply and Sanitation), Government of Gujarat and Bill and Melinda Gates Foundation programme which aims to improve performance in water and sanitation sector across 166 urban local bodies of Gujarat.
- National Rating and Award Scheme for Sanitation for Indian Cities: Gol intends to institute an annual rating award scheme for cities to promote better sanitation
- Newsletter: Publication of monthly newsletter called “Innovations” on leading practices which city governments are continuously adapting in order to improve services to citizens.

- Business development: Regular track on business development opportunities related to urban environment management
- In Charge of the UMC/UMCPL website www.umcasia.org for content development on various projects, regular uploading and making changes as when required.
- Country research: Conducted web based and secondary research on different countries including Nicaragua, Mali, Georgia, Ghana ,Afganistan, Morocco and Butan, etc on urban governance, economy, political scenario and development of the country,

Feb 2007– October 2008: Project Officer

February 2002 to February 2007 Project Associate Centre for Environment Education, Pune, India

Responsible for under taking research in the field of environment education and management and implementation and provide supervision to the assigned projects.

The projects involved were:

1)Setting up SWaCH Cooperative of Waste pickers

Part of Waste Matters group who set up the SWaCH Cooperative of Waste pickers. The SWaCH (Solid Waste Collection and Handling) Cooperative of wastepickers is conceived as a professionally managed service delivery organisation within the broad framework of developing models that are inclusive of the poor. The user fees and the income from the sale of recyclables will constitute the earnings of waste pickers.

2)Achieving Action in Waste Management

The objective is to facilitate sound waste management in the core area of the city and demonstrate good practices of waste management in other selected areas

3)India Urban Initiative

A project with ICMA, USAID and Municipal Corporation of Greater Mumbai to develop "Communication Strategy on SWM in Mumbai".

4)Healthcare Waste Management

- Study on scenario of Biomedical Waste Management in Pune: Conducted a cross-sectional study of Knowledge, Attitude and Practices as an indicator of compliance to the Biomedical waste (management and handling) Rules, 1998 in 2002-2003.
- Western Regional Consultation Workshop: Organized a Western Regional Consultation Workshop on "Biomedical Waste Management – Status Analysis and Planning for the Future", held on 3rd and 4th February 2004
- National Rural Employment Guarantee Act Film: made a training film on National Rural Employment Guarantee Scheme supported by UNDP in Marathi and Hindi with English Subtitles.

Selected Publication and Recognition

1. Pune civic ward sets an example – www.indiatogether.org/2013/env-waste.htm
2. Waste no Trash – www.business-standard.com/article/beyond-business/waste
3. Leading article in Times of India and Indian express on Scenario of Biomedical Waste Management in Pune, 2003.
4. Study on scenario of Biomedical Waste Management in Pune, February 2004, Published by Centre for Environment Education at National Workshop on Biomedical Waste organised by Choitram Hospital Indore
5. Education for Biomedical Waste Management A vital Link for Survival January 2005 Published by centre for Environment Education at International Conference on Education for Sustainable Future, Ahmedabad

6. Study on ground water quality of Ganesh Colony area of Jalgaon city, November 2001, VI Global Conference on Environment Education , New Delhi
7. Team Members: National Kit of Educational Material on Biomedical Waste Management funded by World Health Organisation (WHO) and Ministry of Environment & Forests,(MoEF) Government of India, 2004, See <http://www.bmwmindia.org>
8. Dubai International Award by UN Habitat: Best Practice – Zero Garbage –India, April 16, 2015
9. Vasundhara Award 2013 by Maharashtra Pollution Control Board for best practices

Skills

Computer Skills:

- MS Office (Excel, Word, Power Point)
- Adobe Illustrator ,Photoshop , Working knowledge of managing website and publisher

Personal Details :

Date of Birth : February 10, 1977
Nationality : India
Sex : Female
Marital Status : Unmarried

Declaration

I hereby declare that the information furnished above is correct and true to the best of my knowledge.

Date: January 31, 2016

(SAROJ BADGUJAR)