ICUC CONSULTANTS PVT LTD

Innovative And Comprehensive Solutions For Urban Climate

H-6B, Third Floor, H Block, Hauz Khas, New Delhi - 110016

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ICUC Consultants

About the Company

ICUC Consultants Pvt Ltd

ICUC Consultants – At a Glance

ICUC Consultants Pvt Ltd, a boutique urban environment management consulting company, based in New Delhi, is providing strategic, innovative, and comprehensive solutions for a multitude of issues in the urban environment since 2011. ICUC has developed core competency in SWM focusing on municipal solid waste.
We offer customized solutions ingrained with sustainability and circularity in the following:

1) *Urban environment management – solid and liquid waste management;*
2) *Environment management – environment & social due diligence, environmental impact assessments and,*
3) *Sustainability management – sustainability reports, impact assessments, M&E reports*

- ✓ **Vast experience in SWM in 350+ ULBs in India including largest municipal corporations such as Delhi**
- ✓ **Experience of working in SWM with funding agencies such as The World Bank, GIZ, Netherlands Enterprise Agency, NL Works**
- ✓ **Experience in designing and implementing across the value chain of SWM systems**
- ✓ **More than 25-30 years of experience of team members in SWM**

Technical Detail Project Reports, Feasibility Studies

Independent Engineering & Project Management Consultancy Services

Waste Management Plans And Master Plans

Environmental And Social Assessments and Due Diligences

Impact Assessments For Funded Project

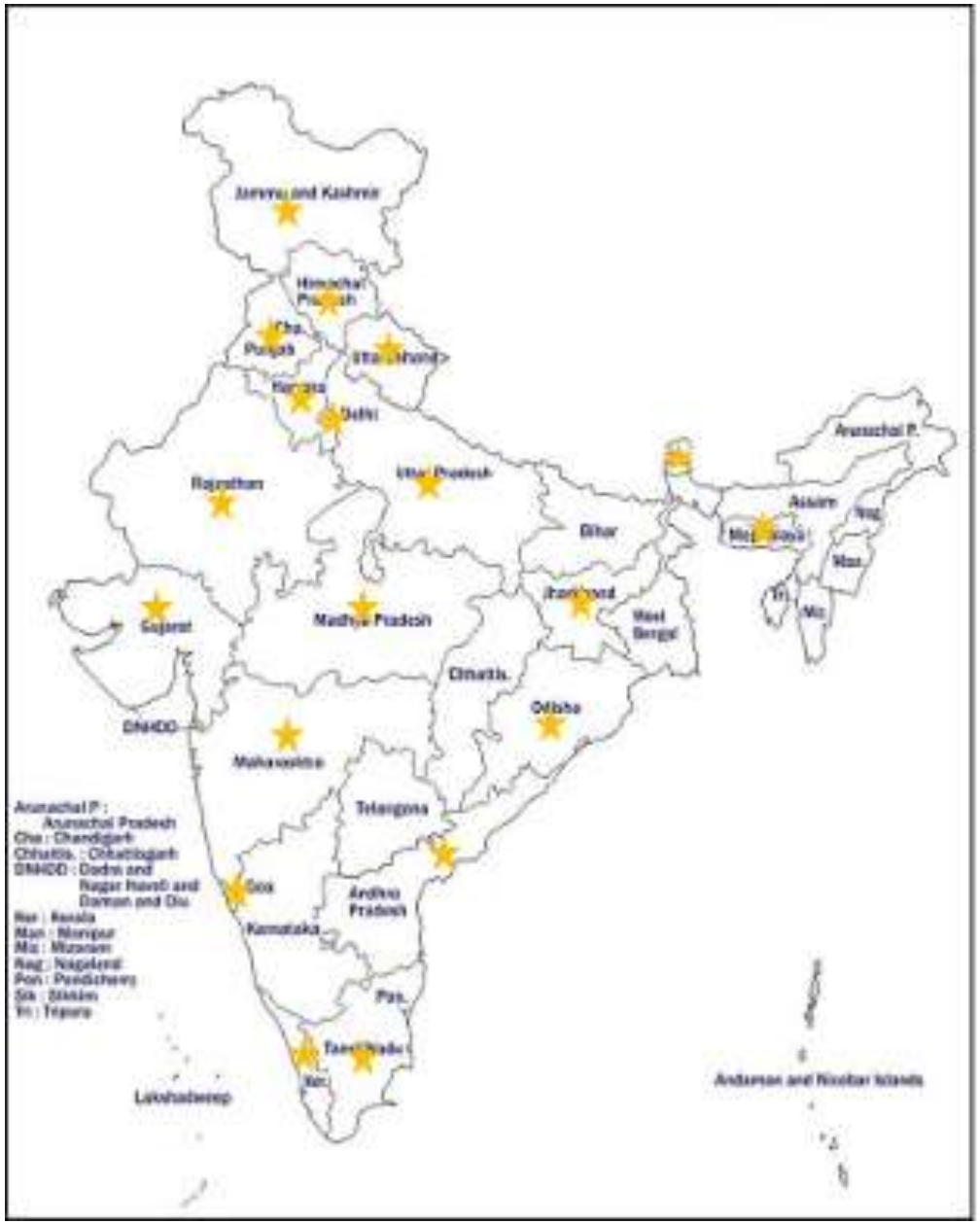
Handholding For Clean India Mission (Swachh Bharat Mission)

Capacity Building And Training Programs

We are empanelled as SWM Consultants:

- *Ministry of Housing & Urban Affairs*
- *Swachh Bharat Mission-Gramin, Madhya Pradesh*
- *Odisha Urban Infrastructure Development Fund*
- *Tamil Nadu Sustainable Urban Development Project*

Our Presence in India



OUR SERVICES

- Solid waste management
- Sanitation management
- Circular economy
- Climate change
- Sustainability management
- Environment management

Our
SERVICES

URBAN ENVIRONMENT MANAGEMENT

- *Solid and Liquid Waste Management*
- *Sanitation Management*
- *Water and Wastewater Management*

ENVIRONMENT MANAGEMENT

- *Environment Assessments*
- *Impact Assessment and Monitoring & Evaluation*
- *Environmental and Social Due Diligence*

SUSTAINABILITY MANAGEMENT

- *Sustainability Strategy and Reporting*
- *Alternate Energy*
- *Corporate Social Responsibility*

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Synthesizing Innovative & Comprehensive Spinoffs Underpinned with Sustainability

SOLID AND LIQUID WASTE MANAGEMENT

- Core competency in SWM
- Municipal waste
- Industrial waste
- Legacy waste
- Biomedical waste
- Plastic waste
- E waste
- C&D waste

We have worked in around 300 Indian and South East Asian cities

OUR SOLID WASTE MANAGEMENT AND SANITATION SERVICES

- *SWM plans, detail project reports, feasibility study reports covering technical, financial, operational, legal, environmental and social aspects for all the value chain components*
- *Baseline assessments, technology evaluations, gap assessments, peer reviews*
- *Independent Engineering and Project Management Consultancy for integrated SWM projects*
- *Site suitability assessment for SWM facilities and SLF*
- *Remediation, reclamation of legacy waste*
- *City sanitation plans*
- *Handholding for Swachh Survekshan*
- *Capacity building and training*
- *Bid management*
- *Environmental and social management plans & due diligence*

Strengths of ICUC in SWM

- Vast experience in SWM in 350+ ULBs in India
- PMC for bioremediation/ biomining, scientific closure in Bhopal and Kalyan Dombivali
- Provided advisory and technical assessment services to The World Bank to improve SWM practices in Kerala
- Experience of working with NL Works in 47 ULBs in the Districts of Muzaffarnagar, Shamli and Saharanpur, Uttar Pradesh, to conduct a study of their SWM System
- Experience of working with GIZ India to prepare the National Guidelines on Biomethanation from the organic fraction of MSW
- Experience in designing and implementing across the value chain of SWM systems
- Knowledge & experience in implementation of PPP mechanisms, interventions, inclusion of informal sector, value chain systems
- Experience of a unique successful reclamation, remediation and closure of an old dumpsite in Bhanpura, Bhopal
- Rich experience in capacity building, IEC and 4Rs practices
- Familiarity and experience with ESMF, WB and IFC Guidelines

URBAN ENVIRONMENT MANAGEMENT
Services

Our Projects

- **Quantification and Characterization** Study of **MSW in 78 ULBs of Jammu and Kashmir** & Service Delivery Assessment
- Consultancy Services for **REMEDIATION OF LEGACY WASTE** for **Kalyan Dombivli Municipal Corporation** to provide **technical transaction advisory services and bid process management and IE services**
- PROJECT MANAGEMENT CONSULTANCY (PMC) for Bioremediation and Scientific closure of **Bhanpura dumpsite, Bhopal, Madhya Pradesh *(11 lakh cum)***
- DPR for LAND RECLAMATION WITH BIO REMEDIATION of **Bhanpura Dumpsite, Madhya Pradesh** under SBM
- Independent Engineer Services for Integrated SWM project for **Sagar Cluster *(200 TPD)* and Jabalpur Cluster *(130 TPD)*, Madhya Pradesh**
- INDEPENDENT ENGINEER SERVICES for Implementation of Integrated Solid Waste Management Project- **Singrauli, Madhya Pradesh *(125 TPD)***
- PROJECT MANAGEMENT CONSULTANCY services for ISWM Facility at Adampur Chawani, Garbage Transfer Station and C&D facility, **Bhopal, Madhya Pradesh**
- INDEPENDENT ENGINEERING SERVICES for Regional ISWM Project for **Katni Cluster Madhya Pradesh *(120 TPD)***
- INDEPENDENT ENGINEERING (IE) CONSULTANCY SERVICES for development and O&M of Regional ISWM Project for **Bhopal Cluster, Madhya Pradesh *(1000 TPD)***
- SUPPORT for C&D WASTE MANAGEMENT in Shimla, for **GIZ India**
- STAKEHOLDER MAPPING ANALYSIS of Indian SWM System in Mumbai, Nagpur, Ghaziabad, Muzaffarnagar, for **Netherlands Enterprise Agency**
- DEVELOPMENT OF guidelines for BIOMETHANATION IN INDIA, for **GIZ India**
- ADVISORY AND TECHNICAL ASSESSMENT for improving SOLID WASTE MANAGEMENT Practices in Select ULBs in **Kerala,** for **the World Bank Group** *(combined population ~1.5 million)*
- STUDY ON SWM SYSTEM IN HINDON BASIN for **Govt. of Netherland *(around 1000 TPD)***
- Conducting SOLID WASTE MANAGEMENT EXPOSURE WORKSHOPS under SBM (Urban) for **NIUA, MoHUA**
- SOLID WASTE MANAGEMENT DETAILED PROJECT REPORTS (DPR) for 44 ULBs in **Konkan Divesion Maharashtara**, under **Swachh Maharashtra Mission (Urban) *(~2500 TPD combined)***
- FEASIBILITY STUDY/DPR FOR INTEGRATED SWM of four clusters with regional approach in **Madhya Pradesh *(~1010 TPD)***
- PROJECT MANAGEMENT CONSULTANCY (PMC) services for Integrated Solid Waste Management projects at **Kalyan Dombivali, Maharashtra**

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Synthesizing Innovative & Comprehensive Spinoffs Underpinned with Sustainability

SANITATION MANAGEMENT

Preparation of City Sanitation Plans of many cities across pan India by providing affordable, comprehensive and simplified sanitation solutions

Provided handholding services to ULBs to achieve better ranking in "Swachh Survekshan"

Open Defecation Free status, Garbage Free City star rating status, filling up demand-supply gap of water and wastewater services, safe disposal of sewage, proper drainage amongst others

**"Swachh Survekshan" is a ranking exercise taken up by the Government of India to assess rural and urban areas for their levels of cleanliness and active implementation of Clean India Mission initiatives in a timely and innovative manner*

SANITATION MANAGEMENT
Services

- Assisted **Municipal Corporation of Delhi (MCD)** under Swachh Bharat Mission Urban, driving them to remarkable achievements in sanitation:
- Received ODF++ Certification in 2023, solidifying Delhi's commitment to open defecation-free status. Received 1 Star GFC Rating in 2023, recognizing consistent improvement in sanitation practices. Achieved Water Plus certification in 2024
- Our comprehensive approach involves detailed data collection, review, and documentation of Swachh Survekshan. We provide expert guidance and recommendations to efficiently implement sanitation initiatives across all 12 zones of Delhi. We have diligently ensured that public areas are maintained in a pristine condition and have proposed aesthetic enhancements to further improve their appeal. We actively engaged local communities to participate in cleaning drives across high-footfall areas like bus stands, railway stations, cantonment boards, tourist spots, zoos, national parks, and drains.

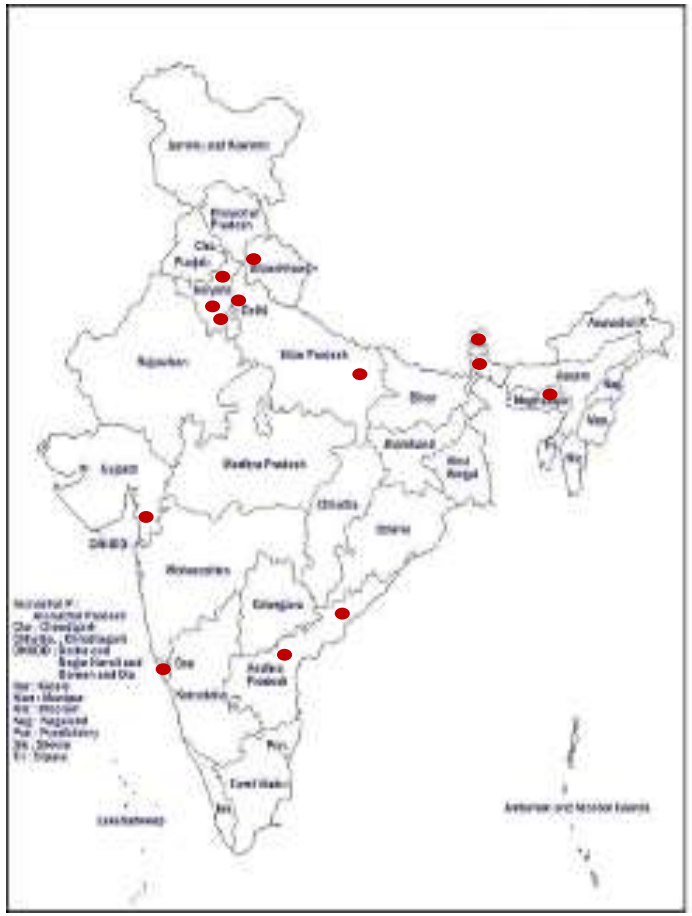
  We disseminated information about the importance of sanitation and waste management through various channels, encouraging responsible waste disposal practices among the public

ICUC Consultants

SANITATION MANAGEMENT *Services*

OUR PROJECTS

- ❑ HANDHOLDING FOR SWACHH SURVEKSHAN of Municipal Corporations- Delhi (~19 million), Erstwhile North Delhi (population ~9 million), Erstwhile East Delhi (population ~4 million), Gurugram (population more than 1.5 million)
- ❑ Preparation of CITY SANITATION PLAN for the following cities:
  - ✓ Gurugram
  - ✓ Mau, Uttar Pradesh
  - ✓ Jaunpur & Loni
- ❑ City Sanitation Plans for 10 cities across all the zones of the country, under the Project, CAPACITY BUILDING FOR URBAN DEVELOPMENT (CBUD)
- ❑ Introducing Best Practices For SEPTAGE MANAGEMENT In Himachal Pradesh



City Sanitation Plans across the country

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ENVIRONMENT MANAGEMENT

Identification and management of environmental impacts, risks and hazards, environmental monitoring, and developing environment management plans. We assess the compliance level of environmental safeguard, environmental regulation and environmental management systems in line with the Indian regulations, standards, guidelines and framework given by Govt of India, ADB, World Bank, IFC

ENVIRONMENT MANAGEMENT
Services

OUR PROJECTS

ENVIRONMENT AND SOCIAL DUE DILIGENCE

- ESG DUE DILIGENCE (ESDD) for Residential Township Projects in Rajasthan, Uttar Pradesh and Haryana
- ENVIRONMENTAL TECHNICAL DUE DILIGENCE of
  - Site Assessment for a Government Hospital in Delhi,
  - Dairy industry,
  - Electroplating manufacturers and
  - Food processing unit which was being bought over by a foreign company

ENVIRONMENT ASSESSMENTS

- ENVIRONMENTAL IMPACT ASSESSMENT including preparation of EMP for Railway Tunnel between Rishikesh and Karanprayag, Uttarakhand
- ENVIRONMENT SAFEGUARD services in assessing the environmental impacts for public health/community health centres in India (ADB funded project for Ministry of Health, GoI)
- ENVIRONMENTAL IMPACT ASSESSMENT for Drainage Project in the city of Srinagar, funded by WORLD BANK
- ENVIRONMENTAL IMPACT ASSESSMENT for Construction of Tunnel across the Mussoorie Hills
- ENVIRONMENTAL AND SOCIO-ECONOMIC IMPACTS of Renewable Energy projects in India

IMPACT ASSESSMENTS, MONITORING AND EVALUATION

- CAPACITY BUILDING/ EXPOSURE WORKHOPS on SWM in the states of Haryana, Madhya Pradesh, Jammu & Kashmir, Rajasthan & Himachal Pradesh
- IMPACT EVALUATION STUDY of Sustainable Cotton Initiative Project, WWF
- RESOURCE MOBILIZATION for Common Environmental Facility for Electroplating Cluster in Madurai
- ASSESSMENT OF SUSTAINABLE GOVERNANCE ASPECTS, management challenges and environmental and social impacts of renewable energy projects
- DESIGNED AND IMPLEMENTED EMS by setting objectives, targets and environment management plan
- TECHNICAL ASSISTANCE in conducting BIODIVERSITY CoP, Hyderabad

SUSTAINABILITY MANAGEMENT

Identification of sustainability risks and opportunities for organizations, developing sustainability as a business case, capacity building, data management, stakeholder engagements, materiality and community need assessments and engagements

SUSTAINABILITY MANAGEMENT
Services

We provide advisory on sustainability strategy communications and reporting which is a structured, continuous process of collecting, monitoring & reporting information on the company's economic, environmental & social performance.

- DEVELOPMENT OF CORPORATE SUSTAINABILITY REPORTS adhering to the GRI framework and other guidelines for leading Indian and multinational organisations in the cement, oil & gas, chemicals, automobiles, dyes and dyestuff and other sectors
- KNOWLEDGE BASED INTERACTIVE WORKSHOPS for the prestigious CoP XI on Biodiversity, 2012, in the International Convention on Biological Diversity in Hyderabad hosted by MoEF
- SITUATIONAL ANALYSIS OF IMPACTS OF CLIMATE INDUCED STRESSES on SMEs in Uttarakhand. Assess vulnerability of sector and cost of inaction
- Nationally Appropriate Mitigation Actions (NAMA) plans for ecosensitive countries – Bhutan and Pakistan

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AMITT KRIT FOUNDATION

We, along with our not-for-profit entity, Amitt Krit are facilitating companies in their social accountability; stakeholder engagements, need assessments, resource mobilization, impact assessments and others

FROM VISION TO IMPACT

Amitt Krit Foundation was established in ***May 2021*** to advance ***ICUC Consultants***' mission of sustainable development by extending knowledge, capacity, and outreach into the communities we serve.

- As a voluntary, non-profit initiative, we support companies and organizations in fulfilling their social accountability goals through impactful CSR programs.
- By leveraging years of technical expertise, we help partners implement inclusive, practical, and sustainable solutions across the environment, sanitation, education, and livelihood sectors.
- We believe in collaborative problem-solving and are committed to empowering citizens, institutions, and communities.

Environment Protection

Infrastructure Development

Sustainable Business Practices

Swachh Bharat and Sanitation Initiatives

Water Management

OUR CLIENTS

ICUC provides its services to government and public sector organizations, private sector, NPOs, funding agencies, autonomous bodies, academic institute and others

OUR CLIENTS

Sagar Municipal Corporation	Jabalpur Municipal Corporation	North Delhi Municipal Corporation	East Delhi Municipal Corporation	GIZ India	SBICAP Ventures Ltd	Delhi Municipal Corporation
Bhopal Municipal Corporation	Kalni Municipal Corporation	Singrauli Municipal Corporation	Directorate of Urban Administration and Development	Kalyan Dombivli Municipal Corporation	Swachh Maharashtra Mission	Netherlands Enterprise Agency
Ramky Infrastructure	Blue Energy Pvt. Ltd	AECOM	CTI Engineering Co Ltd.	LEAD India	IPCA World	
Lombardi Engineering India Private Limited	Municipal Corporation Gurgaon	MSV International	National Institute of Urban Affairs (NIUA)	Royal Haskoning DHV Consulting Private Limited	NL Works	
International Solid Waste Association	Asian Development Bank	The World Bank Group	World Wide Fund	Department for International Development	ICF International	

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LEADERSHIP, NETWORK AND RESOURCE POOL

Founders of ICUC

Harleen Kaur

She is a chemical engineer and an MBA, Harleen has worked in various capacities in environment and sustainability development for over 35 years with organizations such as KPMG, BP India, IL &FS, Tetra Tech and CII, before she co-founded ICUC. She has worked extensively with ULBs in India and neighbouring countries, corporates, government, not-for-profit organizations, academic institutes, and funding agencies.

Her core expertise lies in environmental management systems, health and safety management, sustainability management, risk and site assessment, solid waste management, environmental due diligence, sanitation and environmental audits, and compliance reviews.

A passionate trainer, she has successfully conducted workshops in environment and urban management. She is also a certified lead auditor in EMS and in Occupational Health and Safety Management Systems and has assisted 150+ corporates in conducting EMS audits and facilitated development of environment management systems.

Seema Awasthi (Dr)

She has more than 27 years of professional experience as a design and development advisor in the developing economies including India, Nepal, Maldives, China and Mexico. She is an all-rounder, she has led various waste and sanitation projects for their design and development across more than 300 ULBs of India and for various multilateral funding agencies.

She is a civil engineer with a doctorate in Environmental Engineering from Indian Institute of Technology, Delhi. She is a keen learner & researcher, has published and presented 15 papers and case studies on the diversified areas of waste management, climate change, PPP in SWM, and air pollution in various international and national journals and conferences. A qualified Functional area expert for EIA of SWM sector, she is also the Additional Director of the Institute of Chartered Waste Managers (ICWM), India, affiliated to ISWA.

Our Network

Pradeep Khandelwal- With more than 32 years of professional experience, he recently retired as Chief Engineer in East Delhi Municipal Corporation. He has been proactively involved in projects associated with planning, management and execution of urban facilities, in the areas of water, solid waste, highways, faecal waste, drainage etc.

Anil Kumra- Presently a Global Business Development Director at Consilium Safety Engineering. He is experienced in leading and growing all sectors of a business to make it a dynamic and progressive organisation. He have been able to establish sustainable and profitable relationships with customers, suppliers and stakeholders across the world including those from most parts of the China, USA, Canada, UK, Italy, Sweden, Germany, South Korea, Japan, Singapore, Morocco, Malaysia etc.

Dr. Ranjan Ghosh- A strategic advisor with vast experience, he has proven ability to create a new paradigm of Science and Technology driven integrated healthcare care solutions and vast experience in oil and gas sector. As an Executive Director - corporate planning strategy and business development in GAIL. He established and led the Technology Cell and Environment Scanning & Analysis Cell of GAIL, annual plans & budget and also led the Sustainable Development and Climate change initiatives of GAIL. Presently, as Managing Director of H2m AYUSH Ventures Private Limited, and CEO at DToSS Consulting (Design to Solution Services).

Dr. Somnath Mukherjee- Doctorate from IIT Mumbai, has led successful execution of more than 500 environmental projects in India and abroad in his professional career of more than 36 years. He is retired from AECOM India Pvt Ltd as Executive Director (Environment). He has provided his expertise to various multinational clients in various areas like hazardous and municipal waste management, design of automated waste collection and treatment systems, EIS, SEIA and EMP, city development and master plan, environmental contamination and assessment and remediation, rehabilitation and resettlement, risk assessment, environmental health and safety audit, due diligence, and site contamination assessment.

Hrishikesh Kolatkar- Architect and Environmental Planner with more than 18 Years of experience in Urban Planning, Environmental and Social Impact Assessments (ESIA) for lending agencies (like ADB, JICA, World bank), seeking Environmental Clearance from the Ministry, RAP for project funded by JICA, Green building certification and project management.

Dr. Subhadra Menon- A career of 38 years with 23 years in leadership/senior management positions and professional consulting roles for national and international development sector organizations with proven competencies and expertise in global public health and development; technical and operational leadership for large-scale initiatives/institutions; health communication and advocacy; research to knowledge translation and evidence-based practice; writing/ documentation and knowledge product creation; health literacy including social and behavior change communication (SBCC), mass communication; communication and advocacy strategies and action plans; skills-building and training for capacity in SBCC, communication and advocacy; teaching.

Resource Pool

Ajay Pratap Singh - A sustainable development expert with experience more than 16 years in operations as well as developing solutions for the environment. His in-depth subject knowledge and vast experience is behind his unique expertise of developing sustainable solid waste management systems and their hands down implementation. He is a certified International Waste Manager from International Solid Waste Association, Austria. He is a Life Associate Member of Indian Institute of Chemical Engineers. He has a cross-national experience of working in India, Nepal, Maldives, Nigeria, Fiji, Russia, Sri Lanka and Saudi Arabia.

Mohd Raza – More than 15 years of extensive experience in solid waste management, urban sanitation, and public communication, he has played a crucial role in implementing the Swachh Bharat Mission (SBM) across multiple cities in India. He has expertise in IEC (Information, Education, and Communication) and BCC (Behavior Change Communication) strategies, stakeholder engagement, and policy advisory, with a strong background in media and journalism.

Dr. Vivek Srivastava - A seasoned professional with over 23 years of diverse experience across corporate, development, and government sectors in India and Asia. Holding a Ph.D. and an MBA, he is driven to contribute to shaping a sustainable world with equitable opportunities. His extensive experience spans renewable energy, water, waste management, health, livelihoods, gender empowerment disaster management and disability. His commitment to social causes is evident through his voluntary services, awards, and involvement in projects supporting literacy, family planning, environment preservation, child education, and more.

Pradeep Jadhav - Pradeep Jadhav is a design engineer. He has around 14 years of experience in designing of sustainable solutions, landfills, effluent treatment plants, amongst other civil work items. He has been involved in reviewing drawings and designs of the civil work components. He leads a team of 10 people in Mumbai office of ICUC Consultants Pvt Ltd

Saumya Jain – A post graduate in Environment Management and Sustainable Development, Saumya is responsible to support the senior management in execution of technical projects. She, also, coordinates in fulfilling the requirements for various business development opportunities for the organization.

The senior experts are supported by a team of junior engineers and professionals.

NEW DELHI (HEAD OFFICE)

KALYAN, MAHARASHTRA

KATNI, MADHYA PRADESH

BHOPAL, MADHYA PRADESH

JABALPUR, MADHYA PRADESH

SAGAR, MADHYA PRADESH

SINGRAULI, MADHYA PRADESH

OUR OFFICES

CONTACT US

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Website:
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Images in-frame:

1) Qutub Minar – New Delhi
2) Gateway of India – Mumbai, Maharashtra
3) Vijayraghavgarh Fort – Katni, Madhya Pradesh
4) Sanchi Stupa – Bhopal, Madhya Pradesh
5) Dhuandar falls – Jabalpur, Madhya Pradesh
6) Lakha Banjara Lake – Sagar, Madhya Pradesh
7) NTPC plant – Singrauli, Madhya Pradesh

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