



Circular Economy

SRADHA

Technical and Managerial Skills

1. Policy Advocacy and Development:

• Technical Skills:

- In-depth understanding of LIB technologies, their environmental impact, and life cycle analysis.
- Knowledge of international best practices in LIB policy development.
- Managerial Skills:
- Ability to engage with policymakers, presenting evidence-based recommendations.
- Strategic thinking to align LIB policies with broader sustainability goals.

2. Regulatory Framework Development:

• Technical Skills:

- Expertise in regulatory frameworks related to hazardous waste management.
- Understanding of LIB-specific challenges in recycling and disposal.
- Managerial Skills:
- Collaboration with legal experts to draft and review regulatory language.
- Coordination with regulatory agencies for the incorporation of LIB-specific regulations.

3. Stakeholder Collaboration:

• Technical Skills:

- Familiarity with the LIB industry, including manufacturers, recyclers, and technology developers.
- Knowledge of social and environmental impact assessments related to stakeholder engagement.

Managerial Skills:

- Effective communication and negotiation skills for building partnerships.
- Project management to oversee collaborative initiatives and ensure timely execution.

4. Consumer Awareness Initiatives:

Technical Skills:

- Behavioral science knowledge for effective communication strategies.
- Understanding of consumer attitudes and behaviors related to battery disposal.



Managerial Skills:

- Campaign planning and execution to educate consumers.
- Collaboration with marketing professionals for impactful outreach.

5. Innovation and Research Support:

Technical Skills:

- Familiarity with emerging LIB recycling technologies.
- Research skills to assess the viability of innovative approaches.

Managerial Skills:

- Funding allocation and resource management for research projects.
- Collaboration with research institutions and industry experts.

6. Capacity Building Programs:

Technical Skills:

- Knowledge of training methodologies and curriculum development.
- Understanding of LIB manufacturing and recycling processes.

Managerial Skills:

- Program development and strategic planning for capacity building.
- Coordination with educational institutions for program delivery.

7. International Collaboration and Best Practice Adoption:

Technical Skills:

- Understanding of global LIB recycling trends and technologies.
- Familiarity with international standards and certifications.

Managerial Skills:

- Networking with global experts and organizations.
- Integration of international best practices into the local context.

8. Environmental Impact Assessment:

Technical Skills:

- Knowledge of environmental impact assessment methodologies.
- Understanding of LIB-related environmental risks.

Managerial Skills:

- Collaboration with environmental scientists for comprehensive assessments.
- Integration of assessment findings into policy and regulatory frameworks.



9. Monitoring and Evaluation:

Technical Skills:

- Data analysis and interpretation for performance indicators.
- Knowledge of key metrics for LIB recycling success.

Managerial Skills:

- Development of monitoring and evaluation frameworks.
- Continuous improvement strategies based on evaluation results.

10. Public Relations and Communication:

Technical Skills:

- Media relations for effective communication of technical concepts.
- Crisis communication skills in response to public concerns.

Managerial Skills:

- Development of communication strategies for policy advocacy.
- Reputation management for the circular economy initiative.

Relevant Works:

Circular Economy Capacity Building Program

- Description: Focused on human resource development, this project introduces training programs to enhance the skills and knowledge of professionals engaged in the LIB sector. The program covers battery manufacturing, recycling technologies, and circular economy principles.

LIB Policy Advocacy and Implementation

- Description: This project concentrates on advocating for LIB-specific policies and regulations at both national and state levels. It involves collaboration with government bodies, industry stakeholders, and environmental experts to draft, implement, and enforce policies supporting a circular economy for batteries.

LIB Environmental Impact Assessment

- Description: This initiative conducts a comprehensive environmental impact assessment of lithium-ion batteries throughout their lifecycle. The project aims to identify and mitigate potential environmental risks associated with LIB manufacturing, usage, and end-of-life processes.

Circular Economy Awareness Campaign

- Description: Focused on building public awareness, this project launches a nationwide campaign to educate consumers, businesses, and communities about the importance of circular economy practices for LIBs. It includes outreach programs, workshops, and digital campaigns.

Knowledge Products in Extractive Sector:

- A Baseline Study of ASM communities in the context of mitigating the impacts of COVID19 in the ASM communities in KBK Districts of Odisha, India

<https://delvedatabase.org/resources/a-baseline-study-of-asm-communities-in-the-context-of-mitigating-the-impacts-of-covid-19-in-the-asm-communities-in-kbk-districts>

- A study on ASM Gold Value Chain in KBK Districts of Odisha, India

<https://delvedatabase.org/resources/a-study-on-asm-gold-value-chain-in-kbk-districts-odisha-india>



- Gender Impact Assessment of COVID19 in ASM communities of KBK districts of Odisha, India

<https://delvedatabase.org/resources/gender-impacts-assessment-of-covid-19-in-asm-communities-of-kbk-districts-odisha-india>

- A study on ASM Gemstone Value Chain
- <https://delvedatabase.org/uploads/resources/SRADHA-ASM-gem-stone-value-chain.pdf>

- Preparedness –awareness and coping with COVID 19: A Study Report

<https://delvedatabase.org/uploads/resources/SRADHA-Preparedness-Awareness-and-Coping-with-COVID-Final-report.pdf>

- An Assessment of the impact of COVID19 impact on ASM communities and the new opportunities

<https://delvedatabase.org/resources/an-assessment-of-the-impact-of-covid-19-on-asm-communities-and-the-new-opportunities>

- Training Need Assessment of the ASM Workers – A study Report

<https://delvedatabase.org/resources/training-need-assessment-of-the-asm-workers-a-study-report>

Managerial Skills:

- SRADHA has a skilled and multidisciplinary team for this and similar assignments.

1. Environmental Policy Specialist:

- **Qualifications:**

- Ph.D. in Environmental Policy.

- **Experience:**

- 7 years of experience in developing and implementing environmental policies.

- **Expertise:**

- Deep understanding of environmental regulations, waste management policies, and circular economy principles.

2. Regulatory Compliance Expert:

- **Qualifications:**

- Master's degree in Law and Environmental Science.

- **Experience:**

- 5+ years of experience in regulatory compliance related to hazardous waste management.

- **Expertise:**

- Familiarity with legal frameworks and regulations specific to battery recycling.

3. Stakeholder Engagement Specialist:

- **Qualifications:**

- Master's degree in Communication.

- **Experience:**

- 5 years of experience in stakeholder engagement in environmental projects.

- **Expertise:**

- Effective communication and negotiation skills, ability to build and maintain partnerships.

4. Battery Recycling Technologist:

- **Qualifications:**
- Master's degree in Chemical Engineering.
- **Experience:**
- 8+ years of research and practical experience in battery recycling technologies.
- **Expertise:**
- In-depth knowledge of LIB recycling processes and emerging technologies.

5. Circular Economy Strategist:

- **Qualifications:**
- Master's in Business Administration.
- **Experience:**
- 15 years of experience in developing and implementing circular economy strategies.
- **Expertise:**
- Strategic thinking, understanding of economic and environmental intersections.

6. Project Management Professional:

- **Qualifications:**
- Master's in Business Administration.
- **Experience:**
- 10 years of project management experience, preferably in sustainability projects.
- **Expertise:**
- Results-driven project management, budgeting, and resource allocation.

7. Environmental Scientist:

- **Qualifications:**
- Ph.D. in Environmental Science.



- **Experience:**
- 15+ years of experience in environmental impact assessments.
- Expertise:
- Data analysis, environmental risk assessment, and impact mitigation strategies.

8. Public Relations and Communications Specialist:

- Qualifications:
- Master's degree in Communications.
- Experience:
- 5+ years of experience in crafting and executing public relations and communication strategies.
- **Expertise:**
- Media relations, crisis communication, and public awareness campaign development.

9. Legal Advisor:

- Qualifications:
- Law degree with a specialization in environmental law.
- Experience:
- 8 years of experience as a legal advisor in environmental issues.
- Expertise:
- Legal interpretation, compliance, and advising on policy and regulatory matters.

10. Monitoring and Evaluation Specialist:

- Qualifications:
- Ph. D in Management.
- Experience:
- 17+ years of experience in designing and implementing monitoring and evaluation frameworks.
- Expertise:
- Performance indicators, impact assessment, and continuous improvement strategies.

Profile of Team Members

Position	Qualifications	Experience	Expertise
Dr Suman Mohanty Project Manager	- Master's degree in Environmental Science	- 8 years of project management experience in circular economy projects	- Project management - Circular economy principles - Stakeholder engagement
Dr Jyostna Dash Environmental Policy Specialist	- Master's degree in Environmental Policy	15+ years of experience in developing and implementing environmental policies	- Policy development - Regulatory frameworks
Dr Chinmaya Patnaik Recycling Technology Expert	- Ph.D. Chemical Engineering	- 10+ years of research and practical experience in battery recycling technologies	- Advanced knowledge of LIB recycling processes
Mr Artatrana Padhy Stakeholder Engagement Coordinator	- Master in Social work and Social Communication	- 10+ years of experience in stakeholder engagement and communication	- Stakeholder collaboration - Communication strategies
Abinash Padhan Technical Training Coordinator	- Bachelor's degree in Engineering, Diploma in Training and Development	- 5+ years of experience in developing and delivering technical training programs	- Training program development - Battery technology and recycling processes
Mr. Satya Pati Data Analyst	- Bachelor's degree in Data Science and Statistics	- 5+ years of experience in data analysis and reporting	- Data analytics tools - Environmental impact assessment
Mr Srimaya Kar Environmental Compliance Auditor	- Bachelor's degree in Environmental Science	- 5+ years of experience in environmental compliance auditing	- Regulatory compliance - Environmental impact assessment
Ms Gitasri Pani Outreach and Education Specialist	- Master's degree in Social Science	- 16+ years of experience in developing and implementing outreach and education programs	- Public awareness campaigns - Educational program development
Dr Sujitav Dash Monitoring and	- Ph.D in Management	- 18+ years of experience in monitoring and evaluating	- Performance indicators - Impact assessment



Position	Qualifications	Experience	Expertise
Evaluation Specialist		environmental projects	

Language Proficiency of Team: English, Hindi, Marathi, Tamil, Telugu, Odia, Bengali

Contact Us

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