Tips for Sustainable Lab Operations

24 September 2024 San Diego, CA, USA







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Cultivate a Culture of Sustainability

- Engage employees through training and awareness campaigns
- Secure leadership commitment to model sustainable behaviors
- Empower cross-functional collaboration and idea sharing
- Celebrate wins and recognize sustainability champions





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Right-Size Your EHS Strategy

- Start with risk assessments, compliance, and hazard mitigation
- Evolve approach based on company maturity
- Implement monitoring metrics and continuous improvement
- Integrate prevention through innovative solutions

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Prioritize High-Impact, Low-Effort Initiatives

- Community education programs
- Green chemistry purchasing and managed inventory
- Recycling partnerships and waste reduction
- Equipment energy audits and sustainable investments

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Measure, Optimize, Repeat

- Define framework for data reporting and KPIs
- Leverage expertise through networks like Lab Ops Unite
- Continuously enhance practices based on results
- Explore certifications, best practices, and new innovations

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Invest in Sustainable Infrastructure

- Design new labs with energy/water efficiency in mind
- Upgrade to energy-efficient equipment, lighting, HVAC
- Explore on-site renewable energy like solar
- Implement green building certification standards

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