

Austvent Downloadable Resource Checklists

4. AI for Sustainability Use Case Map

Purpose: Guides organizations in identifying high-impact, AI-enabled ESG applications.

Checklist Items:

- Use LLMs for emissions impact analysis and carbon credit validation
- Deploy AI Agents for climate risk research and real-time policy tracking
- Automate ESG reporting workflows (SASB/TCFD)
- Integrate AI into predictive maintenance for renewable assets
- Use AI for biodiversity monitoring from satellite or sensor data
- Apply AI to assess supply chain ESG risks
- Implement AI-enhanced sustainability scoring for portfolios