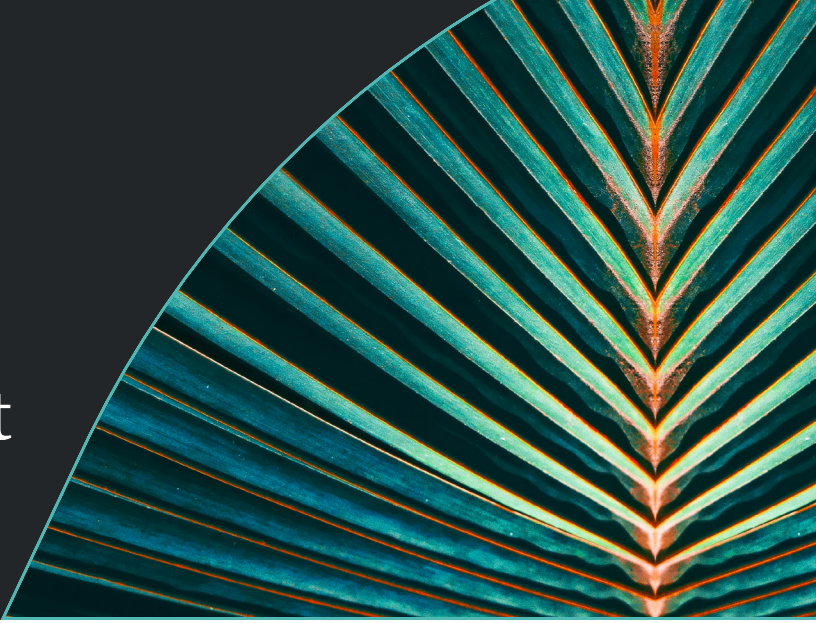


Climate Action Plans: Roadmaps for Resilient Organizations



Climate action plans are strategic frameworks designed to guide governmental agencies, universities, and corporations in mitigating greenhouse gas (GHG) emissions and adapting to the impacts of climate change. These plans provide a structured approach to identifying, assessing, and implementing strategies to achieve goals like community resilience and net-zero emissions. Climate action plans typically include GHG inventories, emission-reduction targets, and detailed strategies for achieving these targets through various mitigation, implementation, and ongoing monitoring actions.

For agencies, climate action plans provide a clear and actionable roadmap for achieving net-zero goals and guiding the sustainable development of communities. Climate action plans help agencies effectively reduce GHG emissions, enhance resilience to climate impacts, and demonstrate a commitment to environmental stewardship. This not only helps to meet internal net-zero goals or regulatory requirements but also improves reputation, credibility, and responsiveness to public interests. Climate action plans also help identify cost-saving and revenue-generating opportunities through energy efficiency and production, ultimately contributing to their long-term financial sustainability cost-effectively.

How EcoEngineers Can Help

EcoEngineers brings a unique combination of technical and scientific expertise in GHG measurement and verification and vast experience in low-carbon energy solutions and carbon markets. We work across internal and external stakeholder teams to translate complex analyses into insightful reports and plans.

Our experts have a proven track record of delivering defensible and actionable deliverables for diverse clients, including counties, cities, municipalities, tribal governments, and corporations worldwide, for new climate action plans and for climate action plans that were created in years past and need to be updated. Our engineers, scientists, auditors, consultants, and researchers bring a multidisciplinary technical approach to administering, implementing, and supporting climate action initiatives, ensuring clients receive comprehensive and tailored solutions that fit their specific climate resilience and net-zero goals.

We apply industry standards and develop carbon accounting methodologies to keep clients at the forefront of climate science. We provide clients with the necessary staffing capacity to navigate regulatory landscapes and achieve GHG-reduction targets. Our experts deliver measurable results in public health, economic development, and GHG emissions reduction while staying ahead of rapidly evolving regulations. We specialize in regulatory engagement, policy analysis, and scenario planning to set achievable emissions reduction targets.

Our deep knowledge of industry-standard protocols such as the GHG Protocol, Local Governments for Sustainability (ICLEI), and the International Organization for Standardization (ISO) ensures GHG inventories, mitigation plans, and life-cycle analyses (LCAs) underpinning their quantification are supported by analytical and scientific rigor.

Our Capabilities

Project Administration

- Nationwide project management team
- Technical assistance and capacity building for agency sustainability teams
- Interdepartmental and stakeholder engagement
- Public outreach and engagement
- Education and training through EcoUniversity

GHG Measurement

- Data needs assessments
- Subnational, communitywide, and municipal operations GHG inventories
- Experience applying industry-standard protocols from GHG Protocol, ICLEI, and ISO
- Expertise in LCAs and calculating indirect/Scope 3 emissions

Transition Planning

- Regulatory engagement and policy analysis
- GHG emissions forecasting
- Climate risk and vulnerability assessment
- Scenario analysis and target-setting

Mitigation

- Development of strategies, measures, and actions for GHG and climate-risk reduction:
 - GHG reduction strategies, from emission sources such as buildings, transportation, waste, water, and land use
 - Expertise in carbon credits and voluntary carbon market (VCM) participation
 - Resilience and adaptation planning
- Quantification of benefits and co-benefits
- Deep experience with energy transition, including decarbonization in industrial processes, energy pathways, and vehicle fleets
- Technology and nature-based solutions for carbon sequestration

Implementation and Updates

- Third-party verification and assurance
- Project implementation and monitoring
- Registry reporting
- On-call technical support
- GHG inventory review and updating
- Modernizing previously adopted climate action plans

About EcoEngineers

EcoEngineers, an LRQA company, is a consulting, auditing, and advisory firm exclusively focused on the energy transition and decarbonization. From innovation to impact, EcoEngineers helps its clients navigate the disruption caused by carbon emissions and climate change. Its team of engineers, scientists, auditors, consultants, and researchers operates at the intersection of low-carbon fuel policy, innovative technologies, and the carbon marketplace. For more information, visit www.ecoengineers.us.

EcoEngineers is accredited by the American National Standards Institute (ANSI) National Accreditation Board (ANAB) as a GHG verification body in accordance with ISO standards ISO/IEC 17029:2019, ISO 14065:2020, and ISO 14064-3:2019.

For more information about how EcoEngineers can support your climate resilience and adaptation efforts, contact: Dan Krekelberg, Climate Strategy Director | dkrekelberg@ecoengineers.us