

C&E Training Curriculum

C&E has four (4) key service areas:

1. Climate Change Adaptation and Climate Finance
2. Clean Energy Development Services
3. Natural Resource Management
4. Green Growth and Urban Development

The courses presented herein are tailored to fit within the service areas listed above, and as illustrated below.



1. Climate Change Adaptation and Climate Finance

Course Title	CLIMATE CHANGE ADAPTATION AND INTERVENTIONS
Target Group	<ul style="list-style-type: none"> • Professionals at national and county levels • Community based organizations and local communities • Non-governmental organizations • Development agency staff
Course Outline	<ul style="list-style-type: none"> • Introduction, course overview • Definition of key terms: climate change, vulnerability, adaptation, resilience, etc. • Vulnerability and Risk Assessment methodologies • Interventions: hazard-based; vulnerability based; ecosystem-based; adaptive capacity-based; & policy based • Integrating climate change adaptation into development projects
Objective(s)	To appreciate the influence of climate change on livelihoods and projects, and critically appraise existing interventions
Course Duration	20 contact hours – Flexible to customize to the client’s needs.
Expected Outcome(s)	<ul style="list-style-type: none"> • Identify and describe climate change, adaptation to the same, and existing interventions • Critically appraise existing vulnerability and risk assessment methodologies • Evaluate existing interventions • Assess the extent and success arising from the integration of climate change adaptation into development projects

Course Title	CLIMATE FINANCE
Target Group	<ul style="list-style-type: none"> • Government officials • Professionals at national and county levels • Community based organizations and local communities • Non-governmental organizations • Development agency staff
Course Outline	<ul style="list-style-type: none"> • Introduction, course overview • Definitions and sources of climate finance • UNFCCC and climate finance • Sources of climate finance – Global, Regional and National (Domestic). • Eligible activities • Co-financing. • Climate finance flow.
Objective(s)	To strengthen the capacity of institutions to access, manage and deliver international and national climate finance more effectively
Course Duration	20 contact hours – Flexible to customize to the client needs.
Expected Outcome(s)	<ul style="list-style-type: none"> • Identify and describe sources of climate finance • Comprehend UNFCCC and climate finance • Identify the sources of climate finance available globally • Identify activities that are eligible for climate financing • Appreciate the ways in which climate finance flows globally

2. Clean Energy Development Services

Course Title	GREEN HOUSE GAS (GHG) INVENTORY & EMISSION ASSESSMENTS
Target Group	<ul style="list-style-type: none"> • Professionals at national and county levels • Non-governmental organizations • Development agency staff • GHG inventory managers • Corporate environmental and sustainable managers • Investors • Auditors
Course Outline	<ul style="list-style-type: none"> • Introduction, course overview • Business applications • Organizational & operational boundaries • Tracking, calculating, reporting & managing GHGs • Data collection and calculation • Inventory quality management • Elements of GHG Inventory Reports
Objective(s)	To provide participants with a comprehensive and detailed guidance on how to account for energy-related GHG emissions and removals when preparing an organizational GHG inventory
Course Duration	20 contact hours – Flexible to customize to the client needs.
Expected Outcome(s)	<ul style="list-style-type: none"> • Track changes in energy-related GHG emissions over time • Identify opportunities to reduce energy-related GHG emissions • Identify other opportunities to reduce energy-related GHG emissions • Participate in GHG reporting programs • Assess liabilities of and opportunities for participating in future GHG policies

Course Title	GREEN HOUSE GAS (GHG) MONITORING AND MANAGEMENT SYSTEMS (PROJECT-LEVEL GHG ACCOUNTING)
Target Group	<ul style="list-style-type: none"> • Professionals at national and county levels • Non-governmental organizations • Development agency staff • GHG inventory managers • Industry production managers • Corporate environmental and sustainable managers • Investors • Auditors
Course Outline	<ul style="list-style-type: none"> • Introduction, course overview • GHG project standards, protocols and programs • Introduction to key concepts and accounting processes • Describing the project, determining project boundaries and identifying leakages • Determining the baseline of a GHG project • Quantifying GHG emissions or removals • Monitoring and data management for GHG projects • Documentation, validation and verification of GHG projects
Objective(s)	To provide participants with a comprehensive and detailed guidance on how to account for energy-related GHG emissions and removals when preparing an organizational GHG inventory
Course Duration	20 contact hours –Flexible to customize to the client needs
Expected Outcome(s)	<ul style="list-style-type: none"> • Track changes in energy-related GHG emissions over time • Identify opportunities to reduce energy-related GHG emissions • Participate in GHG reporting programs • Assess liabilities of and opportunities for participating in future GHG policies

3. Natural Resource Management

Course Title	WATER, SANITATION AND HYGIENE (WASH) and BEHAVIOUR CHANGE
Target Group	<ul style="list-style-type: none"> • Professionals at national and county levels • Community based organizations and local communities • Non-governmental organizations • Development agency staff • WASH practitioners
Course Outline	<ul style="list-style-type: none"> • Introduction, course overview • Need for behavior change strategies in WASH programs • Principles for planning behavior change interventions • Stakeholder involvement • Approaches for identifying and assessing risky WASH behaviours • Designing behavior change interventions • Implementing behavior change interventions
Objective(s)	<ul style="list-style-type: none"> • To understand when behavior change strategies should be integrated into WASH programs • To use practical tools to guide the integration of behavior change into WASH programs
Course Duration	20 contact hours – Flexible to customize to the client needs
Expected Outcome(s)	<ul style="list-style-type: none"> • Empower WASH practitioners to incorporate behavior change strategies into their project design and delivery • Understand the need for alternatives to education and awareness strategies for changing behaviours • Planning and designing interventions that address risky WASH behaviours using behavior change strategies

Course Title	COMMUNITY BASED NATURAL RESOURCE MANAGEMENT (CBNRM)
Target Group	<ul style="list-style-type: none"> • Professionals at national and county levels • Community based organizations and local communities • Non-governmental organizations • Development agency staff
Course Outline	<ul style="list-style-type: none"> • Introduction, course overview • Benefits and challenges of CBNRM • Approaches to CBNRM implementation • Institutional and organizational development for CBNRM • Natural resource management by communities
Objective(s)	To understand and appreciate the benefits and challenges of land and natural resources being managed by those people who live with and depend on them.
Course Duration	20 contact hours – Flexible to customize to the client needs
Expected Outcome(s)	<ul style="list-style-type: none"> • Understand the benefits and challenges of CBNRM • Critically appraise the approaches to CBNRM implementation • Appreciate the institutions and organizations involved in CBNRM

4. Green Growth and Urban Development

Course Title	INTRODUCTION TO GREEN PRINCIPLES AND TECHNOLOGIES
Target Group	<ul style="list-style-type: none"> • Professionals at national and county levels • Community based organizations and local communities • Non-governmental organizations • Development agency staff • Business community
Course Outline	<ul style="list-style-type: none"> • Introduction, course overview • Principles of Green Engineering (I.M.P.R.O.V.E.M.E.N.T.S.) • Green technology • Goals of green technology • Advantages of green technology • Examples of green technology subject areas
Objective(s)	To familiarize the learner with a continuously evolving group of methods and materials, with the expectation that it will bring innovation and changes in daily life
Course Duration	20 contact hours – Flexible to customize to the client needs
Expected Outcome(s)	<ul style="list-style-type: none"> • Identify the principles of green engineering • Understand the goals of green technology • Demonstrate by giving examples the areas in which green technology may be applied

Course Title	OPERATIONALIZING THE GREEN ECONOMY STRATEGY FOR KENYA
Target Group	<ul style="list-style-type: none"> • Professionals at national and county levels • Government officials • Non-governmental organizations • Development agency staff
Course Outline	<ul style="list-style-type: none"> • Introduction, course overview • Guiding principles • Key challenges • Enabling environment • Role of different players in creating an enabling environment • Challenges in creating an enabling environment
Objective(s)	<ul style="list-style-type: none"> • To initiate the process of developing Kenya into a low carbon, resource efficient, equitable and inclusive society
Course Duration	20 contact hours – Flexible to customize to the client needs.
Expected Outcome(s)	<ul style="list-style-type: none"> • Understand the guiding principles behind Kenya’s green economy strategy • Identify the key challenges to Kenya’s becoming a green economy • Appreciate the roles of different players in creating an enabling environment • Understand the challenges that exist in creation of an enabling environment