

BEYOND

SMART CITIES

FUNDAMENTALS OF ORGANIZATIONAL GHG ACCOUNTING

FOR ENVIRONMENTAL AND GHG SPECIALISTS

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP

ENVIRONMENTAL SPECIALIST CURRICULUM

CERTIFIED GREENHOUSE GAS ACCOUNTING SPECIALIST

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GHG SOLUTIONS

SUMMARY AND RESOURCES

FOR ENVIRONMENTAL AND GHG PROFESSIONALS

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SUMMARY

GHG emission sources in the context of entity-level operations,

Business Applications of Corporate GHG Inventories

Establishing GHG boundaries for an organization

Tracking, calculating, reporting, & managing GHG emissions

Data Collection & Calculation

Greenhouse gas emission offsets

Inventory Quality Management

Elements of GHG Inventory Reports

Verifying the GHG Inventory

Preparing for verification

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WHO IS THIS COURSE FOR?

Anyone with an interest in carbon management, in particular GHG inventory managers, corporate environmental and sustainability managers, investors and auditors.

For example, a client says he wants his company to be "carbon neutral" and you are asked to help them understand their carbon footprint.

This course will enable you to intelligently address the issues necessary to assess this organization's GHG emissions.



KEY TAKEAWAYS

GHG accounting principles

Defining applications for GHG inventories

Design and development of GHG inventories

Establishing GHG boundaries for an organization

Identifying emission sources

Tracking emissions over time, recalculations and establishing a base year

Setting GHG reduction targets

Inventory quality management

Preparing a GHG inventory report



RESOURCES

<https://ghgprotocol.org/sites/default/files/standards/ghg-protocol-revised.pdf>

<https://www.c2es.org/wp-content/uploads/2006/10/getting-ahead-curve-corporate-strategies-address-climate-change.pdf>

ISO 14064-1:2018 Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
<https://www.iso.org/standard/66453.html>

Hot Climate, Cool Commerce: A Service Sector Guide to Greenhouse Gas Management Step 2: Establishing Boundaries (pp. 23 – 31)
<http://pdf.wri.org/hotclimatecoolcommerce.pdf>

The Land Use, Land-Use Change, and Forestry Guidance for Greenhouse Gas Project Accounting
https://files.wri.org/d8/s3fs-public/pdf/lu_lucf_guidance.pdf




