



Carbon Auditing Professional Training Program

This training program is designed to provide attendees the background knowledge, fundamentals, guidance, and tools for successful carbon auditing and management. Over two days, our professional instructor will help you understand a global problem, identify opportunities for GHG reduction, and apply practical strategies that will improve your company's bottom line and help impact climate change.

This program is ideal for energy professionals who wish to assist companies and organization to reduce their carbon footprint and become "carbon-neutral" as possible. They understand the principles of the Paris climate agreement, Kyoto Protocol and other guidelines published by WRI, ISO, and WBCSD.

For firms engaged in this area, CAPs can interpret current trends and legal requirements; conduct carbon audits and emission inventories; identify reduction opportunities; set up a GHG emissions management program, report carbon emissions in compliance with international standards and complete the emissions verification process. They are also able to structure financing and marketing to maximize project success.

What Will You Learn?

- History, Terminology, Policy and Legislation
- Carbon Audit
- Emissions Reporting / Verification
- Energy Efficiency Solutions
- Renewable Energy Sources and Green Power
- Transportation and Fleet Management
- Emissions Trading, Terminology, and Offsets
- Recycling, Financing, and Marketing

At-a-Glance

- » This training program prepares attendees to take the Carbon Auditing Professional (CAP) exam.
- » This program is held over 2 days.
- » You earn 1.7 CEU | 17 PDH | 3.4 AEE Credits for completing this program.

Key Takeaways

- » Work through practical examples to demonstrate the topics and procedures covered.
- » Review the various areas of the Body of Knowledge associated with AEE's certification exam.
- » Discuss how to apply what you have learned to your business and applications.
- » Leave with a course workbook that will become an invaluable desk reference.

Certification, examination and quality control by:
Institute of Energy Professionals Africa
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Contact: +27(0)84 622 4770

IEPA represents the international certification body the Association of Energy Engineers (AEE) in the Sub-Sahara Africa region.

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Who Should Attend

This course is designed to help energy professionals, including energy managers, energy engineers, facility and business managers, industrial engineers, supply chain professionals, utility officials, consultants, contractors, financial officers, and energy service company professionals become more aware of and effective at identifying and implementing the best GHG reduction strategies. This mix of energy professionals and the learning environment also provides attendees an excellent opportunity for peer-to-peer learning and networking.

This program is also ideal for young energy professionals who wish to help their organization realize the additional benefits of GHG reduction, including cost avoidance, risk reduction, competitiveness, productivity and operations, shareholder value, community outreach, and branding.

Our Instructor

The CAP live program is taught by multiple instructors, each with greater than 20 years of experience in the industry. They present the latest practices, strategies, and theories, while leading discussions in an open, interactive environment. You also spend valuable time connecting with and learning from other program attendees. In each topic covered, the instructors focus on the most “useful” and “proven” activities that you should pursue to improve profits.



Dr Willem Den Heijer
PhD Mechanical Eng, CEM®, CMVP®, CEA®, CRM® (Now CAP)
Trainer: AEE® CAP Trainer

Willem has over 20 years of experience in the energy management and measurement and verification (M&V) industry. He has held various positions in the energy consulting and industrial and mining industries, as well

as senior engineer in the North West University's Measurement and Verification (M&V) Team.

He has published 19 articles in energy related journals and publications and has presented or co-presented 23 papers at various national and international conferences.

Certification Eligibility

The prerequisites to qualify for the certification process take into account the diverse education and experience applicants may have. Each candidate must meet the required criteria at

[aee center .org /cap](http://aee-center.org/cap)

Global Training Programs

For a complete list of AEE training programs delivered globally visit

[education. aee center .org /global](http://education.aee-center.org/global)

Contact us

Institute of Energy Professionals Africa

Accreditation and Recognition

The Certified Auditing Professional (CAP) accreditation is one of the most globally respected in the field of carbon auditing management and reduction.

Since 2008, energy professionals have participated in AEE's approved CAP and CRM training programs.

CURRENT QUALIFICATION		EXPERIENCE
4-year engineering/architectural degree OR Pr.Eng, Registered Architect	PLUS	+2 years
4-year degree in technology, environmental science, physics or earth science		+3 years
3-year technical qualification		+4 years
4-year degree in business or business related		+3 years
4-year unrelated degree		+3 years
2-year associate degree		+4 years
NONE: no current qualification		+6 years
Current status of CEM		n/a
Current status of CBEP		n/a
Employment at company in related field		n/a

Years of work experience required - in addition to the current qualification - must be related to the certification discipline applied for.

IEPA is the proud Training Partner of the Association of Energy Engineers for the Sub-Saharan Africa Region:



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Training Service Providers for IEPA in Sub-Sahara Africa:



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In Process: Tanzania

IEPA supports the following AEE Chapters:

