

Consultant Development in Quantification of Carbon Footprint

Based on ISO 14064-1, 2:2018 and ISO 14067:2019 Standards

Climate Change...?

As the most pressing challenge we are facing in this century, climate change has resulted in many adverse impacts on human existence. It is the greenhouse gases, primarily stemming from the global expanse of industrial activities, that shoulder the responsibility for this climatic change. In order to combat the challenges and threats it has brought upon; the first step is to account the amount of greenhouse gas emissions and take necessary actions to mitigate this problem.

What is Carbon Footprint?

Carbon footprint is the indicator that interprets your contribution to climate change which leads to the global challenge. This quantifies the total greenhouse gas (GHG) emissions caused directly and indirectly by an individual, organization, event, or product. Currently, carbon footprint quantification is based on ISO 14064-1-2:2018 and ISO 14067: 2019 revised standards and can be certified with a third-party.

Why this course...

National Cleaner Production Center, Sri Lanka has conducted the Consultant Development Training Program on Quantification of Carbon Footprint throughout the years responding to the continuous demand from industries and professionals including freelance consultants.

We are now calling applications for the 10th consecutive training program on Consultant development in carbon footprint quantification.

This capacity-building training program will develop...

- Your competency in the quantification of carbon footprints of organizational, product, and project levels according to the requirements of third-party certifications.
- Your knowledge of quantification of GHG removals and offsetting procedures.
- Your ability to apply the personal certification of Consultants in the Carbon Footprint Quantification scheme under ISO 17024:2012.

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"The week-long program by NCPC on Quantification of Carbon Footprint Based taught me the fundamentals of the ISO 14064-1,2 and ISO 14067:2019 standards through various expert sessions. The program also provided a hands-on experience through a field visit and was an excellent opportunity to network with sustainability professionals in Sri Lanka."



PhD Student,
King Abdullah University of Science and Technology

Course Content

1. Requirements of ISO 14064-1:2018
GHG inventory management, Quality management and report preparation, etc.
2. International standards, protocols, guide lines, and methodologies for CFP quantification
3. Requirements of ISO 14067:2018
4. Introduction to Lifecycle assessment (ISO 14044:2006)
5. Requirements of ISO 14064-2:2019
6. In-class exercises on both organizational and product-level carbon footprint
7. Calculation of Carbon Footprint of an organization, products & project in accordance to ISO 14064.
8. Project-level measures for GHG removals (Conducting case studies based on existing scenarios of the factory)
9. Quantification of GHG removals and offsetting procedures
10. International finance approach for low-carbon projects

This 5 day training program consists of an online session on 13th November, in-class sessions on 14th, 15th, and 17th November at Waters Edge, Battaramulla, and an onsite industry assessment on 16th November 2023.

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“NCPC had been a well-known training provider related to environmental standards. I came across the “CONSULTANT DEVELOPMENT TRAINING PROGRAMME ON QUANTIFICATION OF CARBON FOOTPRINT” through their social media platform and signed up for the 5-day training course. The course was a huge success and provided me a big opportunity to improve my knowledge and get hands on experience about the quantification process. As a consultant, I found the course content very well organized and targeted to gain a better understanding about carbon footprint assessment. Furthermore, unlike traditional training courses, NCPC was very facilitating during the course as well as after the course completion, providing additional guidance related to practical applications. I recommend this training program to anyone interested in learning further about the carbon footprint assessment process.”



Reshadee Weerasooriya
Sustainability/ LEED Executive
Co-energi (Pvt) Ltd

Total fee

The fee for participation will be LKR.48,500/= per person inclusive of course materials, industry visits, all meals, and refreshments.

Applications and How to enroll?

Details of the program and application forms can be downloaded from the website www.ncpcsrilanka.org or can be obtained by contacting the NCPC office.

Applications and How to enroll?

The duly completed application form should be submitted to NCPC office in Nugegoda, sent by post or e-mail to Eng. Mihirisi Weerakkody, RECP Technologist mihirisi.ncpc@gmail.com or Ms. Nadeeshani Fernando, Program Officer nadeeshani.ncpc@gmail.com.

Onsite Industry Assessment

The practical component of the program consists of a field exercise on data collection, Carbon Footprint calculations, and identification of GHG emissions reduction measures in an organization.

Performance Evaluation

The Performance of the participants will be evaluated continuously with attendance, assignments, and quizzes given at the end of each day.

Certificate

A certificate will be awarded at the end of the program to the participants who successfully completed the program.

Eligibility for Persons Certifications Scheme

You will be eligible to get certified under the accredited scheme of ISO17024:2012 if you successfully complete the course. Certified Persons will be awarded locally and internationally valid certificates and identity cards with registration after the successful completion of the assessment process.

<http://www.ncpcsrilanka.org/certification-of-persons/>



13th - 17th November 2023



Waters Edge, Battaramulla

How to Apply

**Scan the QR code
or Visit website**

<https://forms.gle/HnU8d61VX7jDD1Nq5>



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