

BEYOND

SMART CITIES



URBAN GREENHOUSE GAS INVENTORY

SPECIALIST TRAINING COURSE

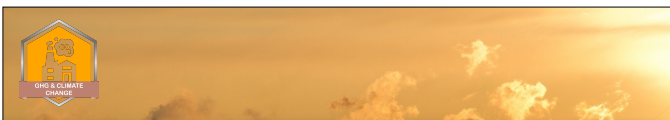
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GHG AND CLIMATE CHANGE SPECIALIST CURRICULUM





GHG & CLIMATE CHANGE



CITY CLIMATE PLANNER PROGRAM -

ORGANIZATION

FOR GHG & CLIMATE CHANGE PROFESSIONALS

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WHAT SHOULD YOU LEARN



Learn more about the City Climate Planner program

Learn more about Green Business Certification Inc (GBCI)

Understand World Resources Institute

Learn more about ICLEI – Local Governments for Sustainability

Learn more about UNFCCC- United Nations Framework Convention on Climate Change.

Understand more about Greenhouse Gas Protocol





ABOUT CITY CLIMATE PLANNER PROGRAM



The City Climate Planner (CCP) Certificate Program aims to increase the global talent base of local climate planning specialists. Through training and offering professional certificates, the CCP will help city practitioners develop the skills needed to design, plan and implement green growth initiatives in their cities.

Cities are quickly becoming the world's center for business and commerce, accounting for over 80% of the world's economic activity, but also contributing to two-thirds of the world's overall energy consumption, and about 70% of global greenhouse gas (GHG) emissions.

With urban populations booming, the choices local governments make today about managing their emissions and preparing for climate change will have major impacts on the health and economic well-being of their city. City climate planning is now more important than ever. However, few developing cities have comprehensive climate action plans or green growth strategies that are based on reliable data.

CITY CLIMATE PLANNER PROGRAM +



To help build capacity in local-level climate planning, the World Bank and global partners developed the City Climate Planner (CCP) Certificate Program, a training and professional certificate program that aims to increase the global talent base of climate planning professionals. The first certificate to be developed is focused on GHG emission inventories, as they are seen as a key building block in development of quality climate action plans.

The result is a training on the latest internationally accepted standard for GHG inventories, a rigorous certificate exam that allows candidates to demonstrate mastery of the content and access to professional networks that support this work. In the future, additional content areas and certificates that address other components of climate action planning will be created.

The first certificate developed under the CCP program is for community-level GHG emissions inventory accounting. The certificate is for individuals who help cities or communities develop and track GHG emissions at the local scale. The Global Protocol for Community-Scale Greenhouse Gas Emission Inventories (GPC), which is an internationally-recognized standard for developing local inventories, is at the core of this certificate.

ABOUT GBCI



The Green Business Certification Inc. (GBCI) was founded in January 2008 with the support of the U.S. Green Building Council (USGBC) to provide independent oversight of professional credentialing and project certification under the Leadership in Energy and Environmental Design (LEED) green building rating system.

Today, GBCI is the only certification and credentialing body within the green business and sustainability industry to exclusively administer project certifications and professional credentials of LEED, EDGE, PEER, WELL, SITES, Sustainability Excellence, Parksmart and TRUE.

WWW.GBCI.ORG

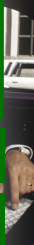
WORLD RESOURCES INSTITUTE



WRI is a global research organization that works with governments, businesses, multilateral institutions and civil society groups to develop practical solutions that improve people's lives and ensure nature can thrive. We organize our work around seven global challenges: Food, Forests, Water, Energy, Climate, the Ocean and Cities. We analyze these issues through the lenses of our four Centers of Excellence: Business, Economics, Finance and Equity.

WRI's mission is to move human society to live in ways that protect Earth's environment and its capacity to provide for the needs and aspirations of current and future generations.

We're proud of our 40 years of research-based solutions, and we're only getting started. Read on for the organization's full history and plans for the future.



WORLD RESOURCES INSTITUTE +



WRI was created in 1982 in Washington, D.C., with a founding grant of \$15 million from the John D. and Catherine T. MacArthur Foundation. Rather than create an activist organization, its visionary founder, Gus Speth, established a science- and evidence-based institution that would carry out rigorous policy research of global environmental and development issues.

Today, WRI has more than 1,700 staff and offices in Brazil, China, Colombia, Ethiopia, India, Indonesia, Kenya, Mexico, the Netherlands, Turkey, the United Kingdom and the United States. We work with partners in more than 50 countries to expand our work, scale our impact and improve the lives of people around the world.

WWW.WRI.ORG



ICLEI – LOCAL GOVERNMENTS FOR SUSTAINABILITY



ICLEI – Local Governments for Sustainability is a global network of more than 2500 local and regional governments committed to sustainable urban development. Active in 125+ countries, we influence sustainability policy and drive local action for low emission, nature-based, equitable, resilient and circular development. Our Members and team of experts work together through peer exchange, partnerships and capacity building to create systemic change for urban sustainability.

ICLEI – Local Governments for Sustainability is a global network working with more than 2,500 local and regional governments committed to sustainable urban development.

The ICLEI Malmö Commitment and Strategic Vision 2021-2027 outlines our new vision for how the ICLEI network will advance sustainable urban development worldwide.

WWW.ICLEI.ORG



UNITED NATIONS FRAMEWORK CONVENTION ON CLIMATE CHANGE



The UNFCCC secretariat (UN Climate Change) is the United Nations entity tasked with supporting the global response to the threat of climate change. UNFCCC stands for United Nations Framework Convention on Climate Change. The Convention has near universal membership (198 Parties) and is the parent treaty of the 2015 Paris Agreement.

The main aim of the Paris Agreement is to keep the global average temperature rise this century as close as possible to 1.5 degrees Celsius above pre-industrial levels. The UNFCCC is also the parent treaty of the 1997 Kyoto Protocol.

The ultimate objective of all three agreements under the UNFCCC is to stabilize greenhouse gas concentrations in the atmosphere at a level that will prevent dangerous human interference with the climate system, in a time frame which allows ecosystems to adapt naturally and enables sustainable development.

WWW.UNFCCC.INT

GREENHOUSE GAS PROTOCOL



Greenhouse Gas Protocol provides standards, guidance, tools and training for business and government to measure and manage climate-warming emissions.

GHG Protocol establishes comprehensive global standardized frameworks to measure and manage greenhouse gas (GHG) emissions from private and public sector operations, value chains and mitigation actions.

GHG Protocol arose when WRI and WBCSD recognized the need for an international standard for corporate GHG accounting and reporting in the late 1990s. Together with large corporate partners such as BP and General Motors, in 1998 WRI published a report called, "Safe Climate, Sound Business." It identified an action agenda to address climate change that included the need for standardized measurement of GHG emissions.

WWW.GHGPROTOCOL.ORG



BEYOND
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THANK YOU

THE WORLD'S 1ST GREEN TECHNOLOGY
MARKETPLACE
