



# قمة الاستدامة

## SUSTAINABILITY SUMMIT

23-24 OCTOBER 2018

# Global Carbon Trust for Carbon Neutrality of Organisations

Presented by: Kishor Rajhansa, Global Carbon Trust, GORD

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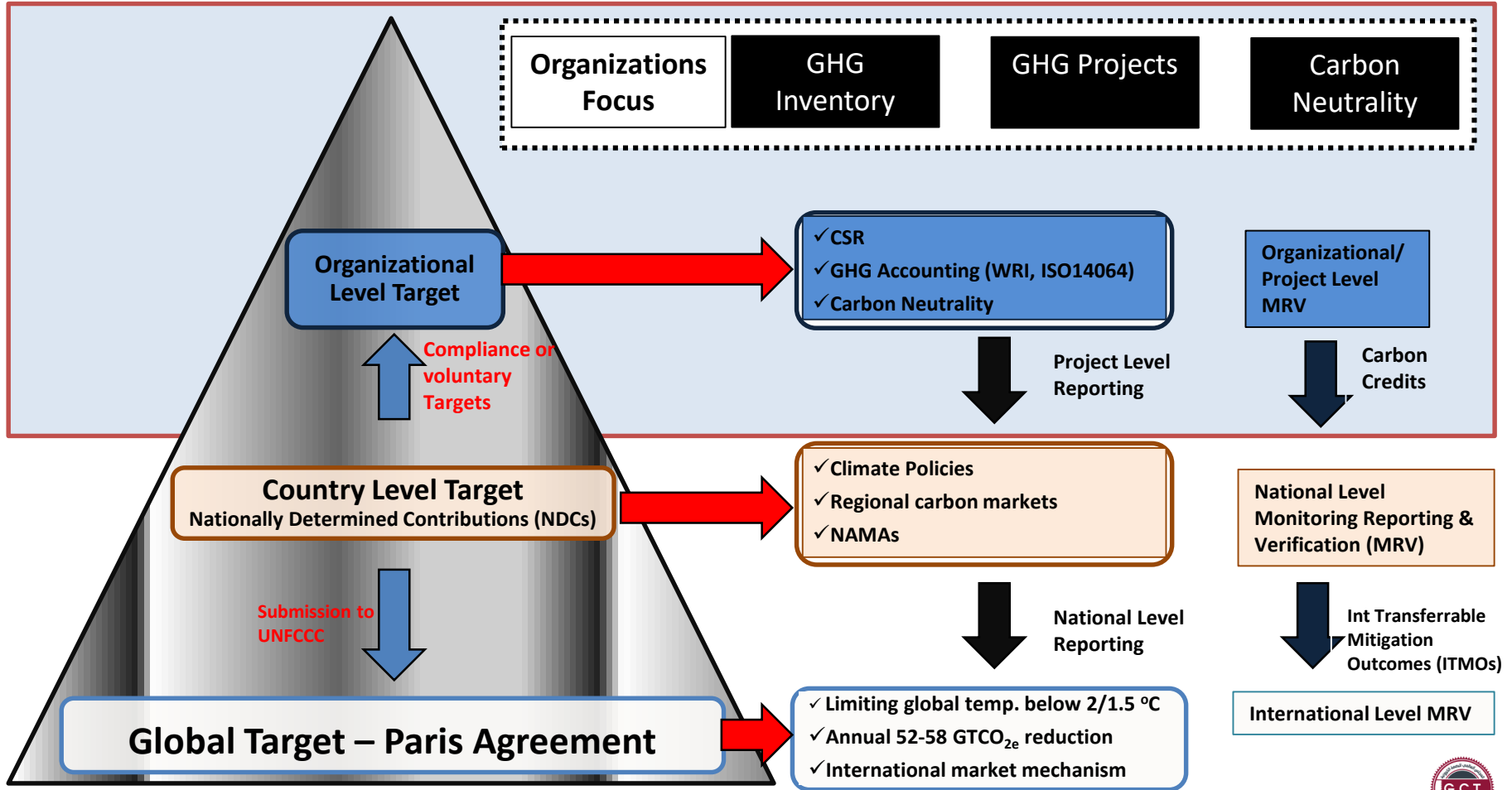
- 1: Latest updates on Climate Change**
- 2: The Paris Agreement: Implications for Organizations**
- 3: Carbon Neutrality: NICE Model**
- 4: Global Carbon Trust - A Framework for Carbon Neutrality**

- Already 1.0°C of global warming reached.
- Further 1.5°C warming expected between 2030 and 2052 based on current rate.
- Limiting Global warming at 1.5°C, as compared to 2°C, will:
  - ❑ Keep global mean sea level rise lower by 10 centimetres.
  - ❑ Lower the frequency of Arctic Ocean to be free of sea ice in summer.
  - ❑ Reduce the decline of coral reefs to 70–90 percent.
  - ❑ Lower species loss and extinction.
  - ❑ Reduce increases in ocean temperature and acidity.
- Emissions need to decline by about 45% from 2010 levels by 2030, reaching net zero around 2050.
- NDCs will require global GHG emissions to be reduced by 52–58 GtCO<sub>2</sub> every year by 2030.

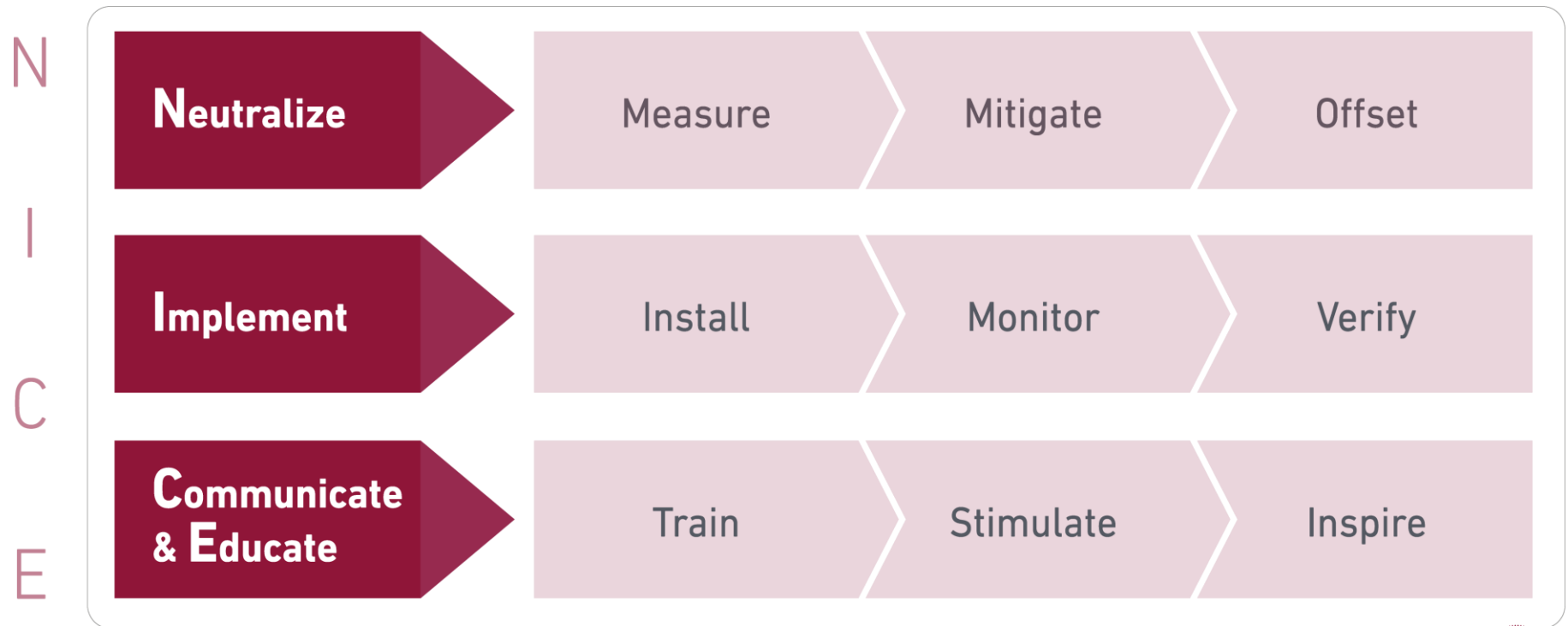


- We have only 12 years window to act (up to 2030).
- Limiting global warming to 1.5°C would require rapid, far-reaching and unprecedented changes in all aspects of society
- In essence the journey of carbon neutrality has to start NOW.

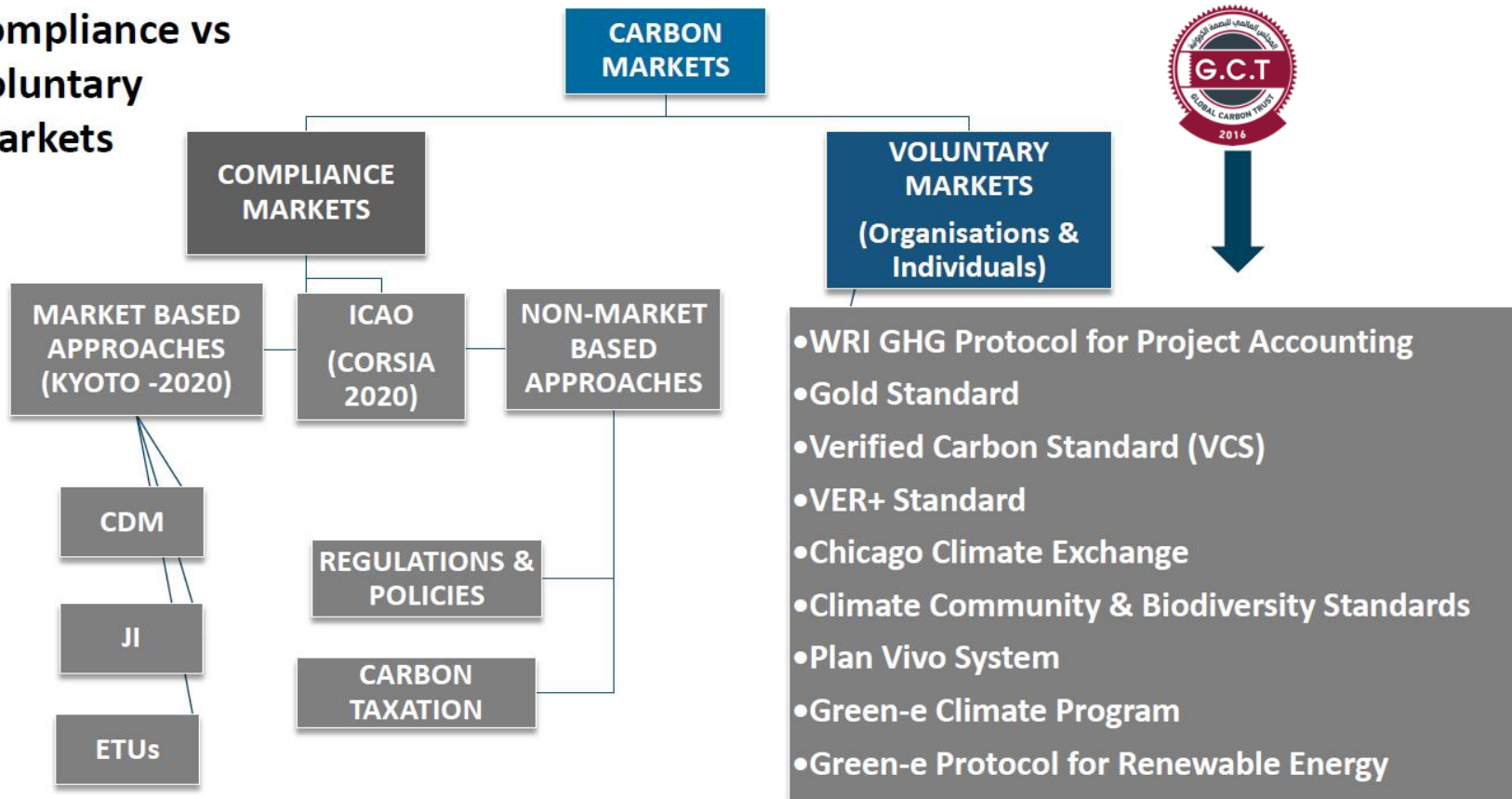
# The Paris Agreement (2015): Implications for Organizations



GCT offers **carbon neutrality certification** to organizations using following model.



## Compliance vs Voluntary Markets



## What organizations are doing world wide ?

**\$35tn**

combined value of the world's largest companies by market capitalization, according to MSCI. That's twice the GDP of the USA in 2015.

**31 gt**

of GHG emissions produced globally each year, that's equivalent to 8,139 coal power stations.

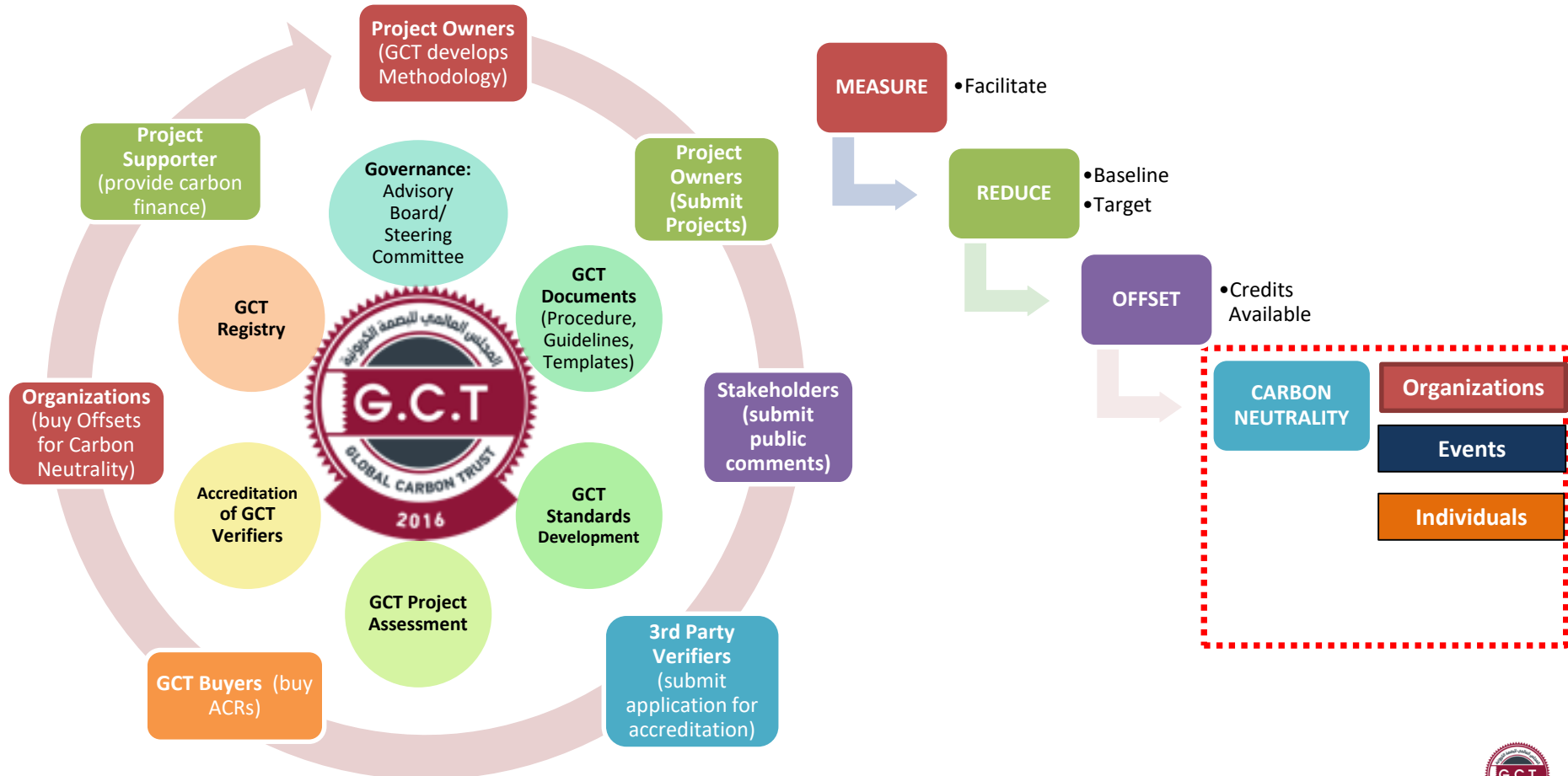
**\$5.5tn**

estimated global market for low-carbon goods and services. That's half of China's GDP in 2015.



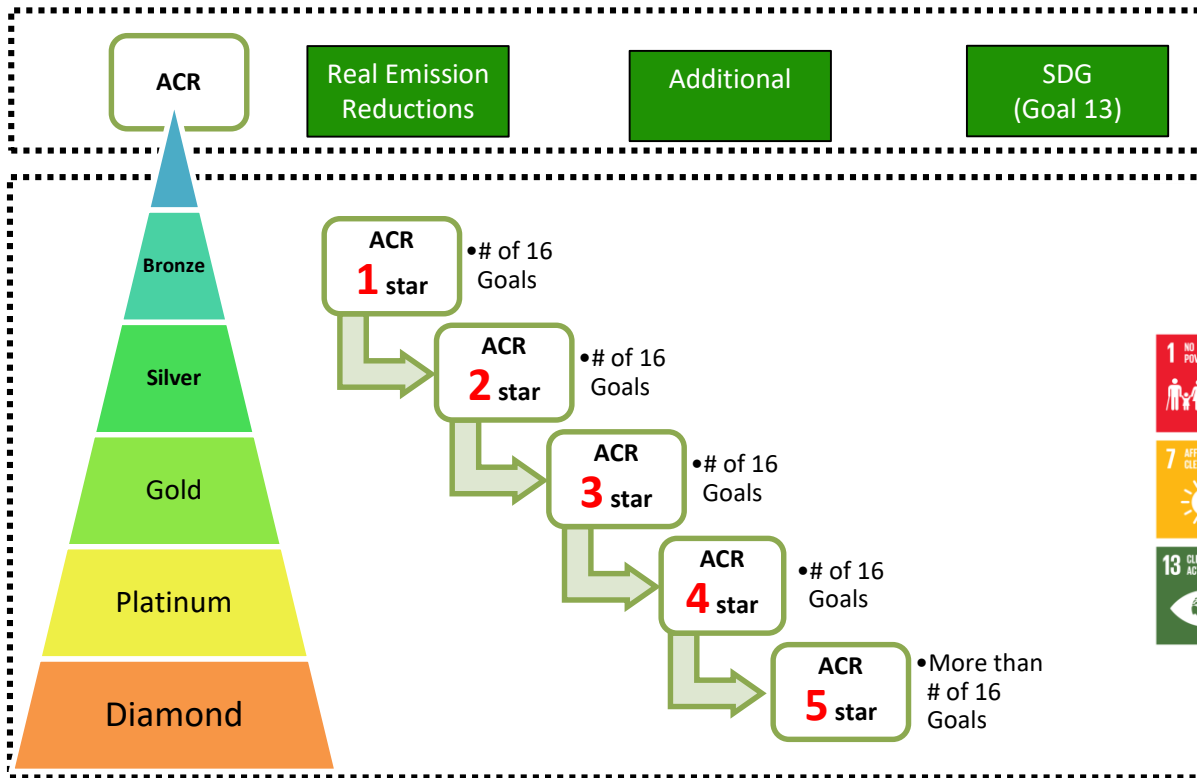
Carbon Disclosure Project (CDP)  
**5500 companies,**  
**533 cities disclosing**  
**info.**

<https://www.cdp.net>





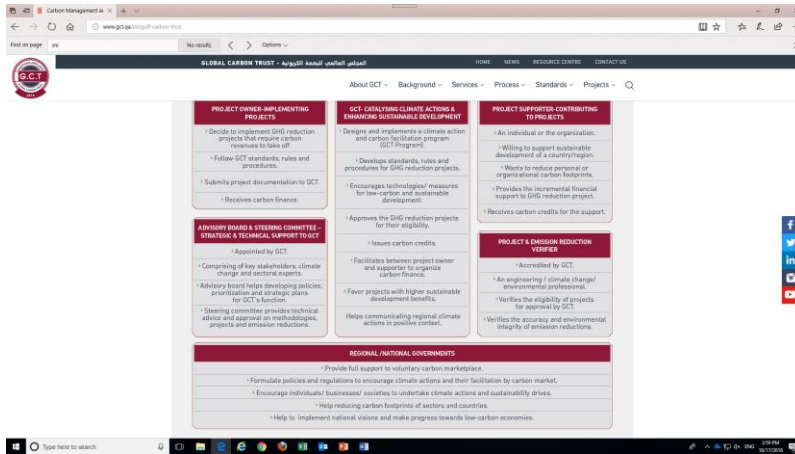
- GCT Projects will produce Approved Carbon Reductions (ACRs) – two tracks:
  - Minimum Performance Track
  - Rated Performance Track



Track-1

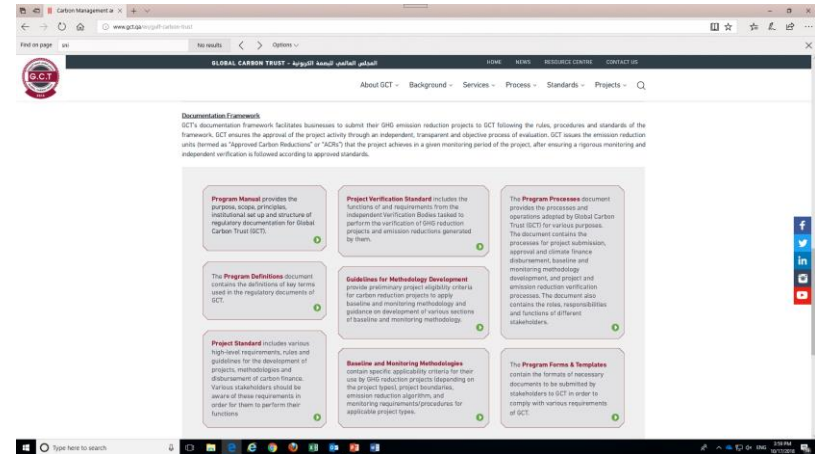
Track-2





The screenshot shows the 'About GCT' page with the following sections:

- PROJECT OWNED SUPPLEMENTING PROJECTS**
  - Decide to implement GHG reduction projects that require carbon revenues to take off
  - Follow GCT standards, rules and procedures
  - Submit project documentation to GCT
  - Receive carbon finance
- ADVISORY BOARD & STEERING COMMITTEE - STRATEGIC & TECHNICAL SUPPORT TO GCT**
  - Appointed by GCT
  - Comprising key stakeholders, climate change and technical experts
  - Advisory board helps developing policies, prioritization and strategic plans for GCT's function
  - Steering committee provides technical advice and approval on methodologies, projects and emission reductions
- REGIONAL/NATIONAL GOVERNMENTS**
  - Provide full support to voluntary carbon marketplace
  - Formulate policies and regulations to encourage climate actions and their facilitation by carbon market
  - Encourage individual business owners to undertake climate actions and sustainability drives
  - Help reducing carbon footprints of sectors and countries
  - Help to implement national visions and make progress towards low-carbon economies
- GCT CREATING CLIMATE ACTIONS & ENHANCING SUSTAINABLE DEVELOPMENT**
  - Designs and implements a climate action and carbon facilitation program (GCT Program)
  - Develops standards, rules and procedures for GHG reduction projects
  - Encourages technological measures for low-carbon and sustainable development
  - Approves the GHG reduction projects for their eligibility
  - Issues carbon credits
  - Facilitates between project owner and supporter to organize carbon finance
  - Favor projects with higher sustainable development benefits
  - Helps communicating regional climate actions in positive context
- PROJECT SUPPORTER CONTRIBUTING TO PROJECTS**
  - An individual or the organization
  - Willing to support sustainable development of a country/region
  - Wants to reduce personal or organizational carbon footprints
  - Provides the incremental financial support to GHG reduction project
  - Receives carbon credits for the support
- PROJECT & EMISSION REDUCTION TYPES**
  - Accredited by GCT
  - An engineering / climate change/ environmental professional
  - Verifies the eligibility of projects to be approved by GCT
  - Verifies the accuracy and environmental integrity of emission reductions



The screenshot shows the 'Documentation Framework' page with the following sections:

- Documentation Framework**

GCT's documentation framework facilitates businesses to submit their GHG emission reduction projects to GCT following the rules, procedures and standards of the framework. GCT ensures the approval of the project activity through an independent, transparent and objective process of evaluation. GCT issues the emission reduction units (termed as "Approved Carbon Reductions" or "ACRUs") that the project achieves in a given monitoring period of the project after ensuring a rigorous monitoring and independent verification is followed according to approved standards.
- Program Manual**

provides the purpose, scope, principles, institutional set up and structure of regulatory documentation for Global Carbon Trust (GCT).
- Project Verification Standard**

includes the functions of and requirements from the independent verification bodies tasked to perform the verification of GHG reduction projects and emission reductions generated by them.
- Program Processes**

document provides the processes for project submission, approval and climate finance disbursement, baseline and monitoring methodology development, and project and emission reduction verification processes. The document also contains the roles, responsibilities and functions of all relevant stakeholders.
- Program Definitions**

document contains the definitions of key terms used in the regulatory documents of GCT.
- Guidelines for Methodology Development**

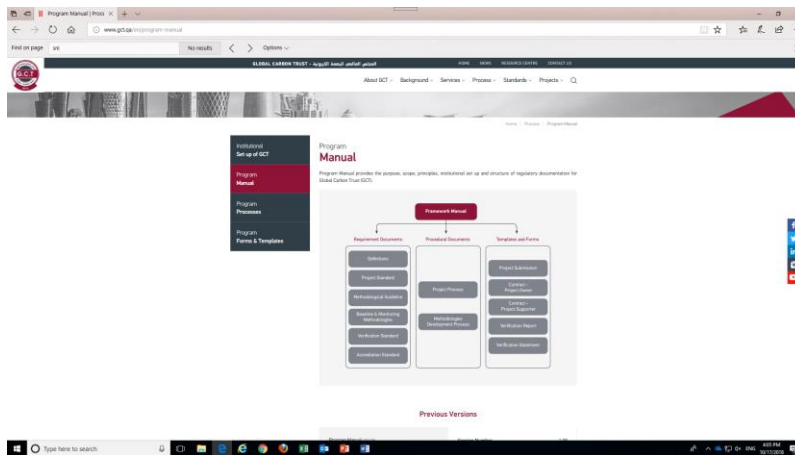
provide preliminary project eligibility criteria for carbon reduction projects to apply baseline and monitoring methodology and guidance on development of various sections of baseline and monitoring methodology.
- Project Standard**

includes various high-level requirements, rules and guidelines for the development of projects, methodologies and disbursement of carbon finance. Various stakeholders should be aware of these requirements in order for them to perform their functions.
- Baseline and Monitoring Methodologies**

contain specific, applicable criteria for their use by GHG reduction projects depending on the project types, project boundaries, emission reduction algorithms, and monitoring requirements/procedures for applicable project types.
- The Program Forms & Templates**

contain the formats of necessary documents to be submitted by stakeholders to GCT in order to comply with various requirements of GCT.

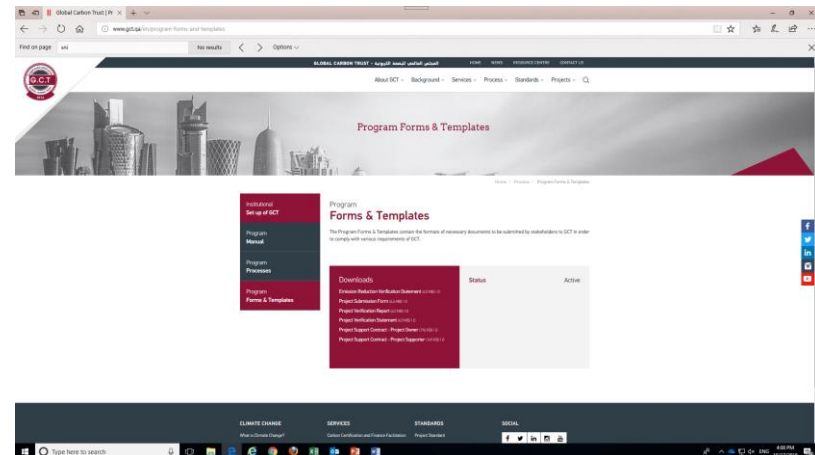
## GCT Regulatory Documents



The screenshot shows the 'Program Manual' page with a navigation menu on the left and a central diagram:

- Historical Set up of GCT**
  - Program Manual
  - Program Processes
  - Program Forms & Templates
- Program Manual**

Program Manual provides the purpose, scope, principles, institutional set up and structure of regulatory documentation for Global Carbon Trust (GCT).
- Framework Manual**
  - Program Documents
    - Definitions
    - Project Standard
    - Methodological Guidelines
    - Baseline & Monitoring Methodologies
    - Verification Standard
    - Approved Standard
  - Program Processes
    - Project Process
    - Methodology Development Process
  - Forms and Templates
    - Project Submission
    - Carbon Finance Disbursement
    - Project Verification
    - Methodology Report
    - Verification Report
    - ACRUs Disbursement
- Previous Versions**



The screenshot shows the 'Program Forms & Templates' page with a navigation menu on the left and a table of downloads:

- Historical Set up of GCT**
  - Program Manual
  - Program Processes
  - Program Forms & Templates
- Program Forms & Templates**

The Program Forms & Templates contain the formats of necessary documents to be submitted by stakeholders to GCT in order to comply with various requirements of GCT.
- Downloads**
- Status**
- Active**

Downloads	Status	Active
Director Reduction Method Statement (2016-17)		
Project Submission Form (2016-17)		
Project Methodology Report (2016-17)		
Project Verification Report (2016-17)		
Project Support Contract - Project/Process (2016-17)		
Project Support Contract - Project/Supporter (2016-17)		

- Solar PV
- Waste water Treatment
- Building Energy Efficiency
- Pumping Energy Efficiency
- Waste to energy
- Gas Flaring reduction
- Associated Gas recovery

Qatar

Kuwait

Oman

Building Sector Benchmark approach for carbon credits.

**MOU** signed with UNEP: Carbon Neutrality for Organizations, Sustainability of Sports Sector and other areas.

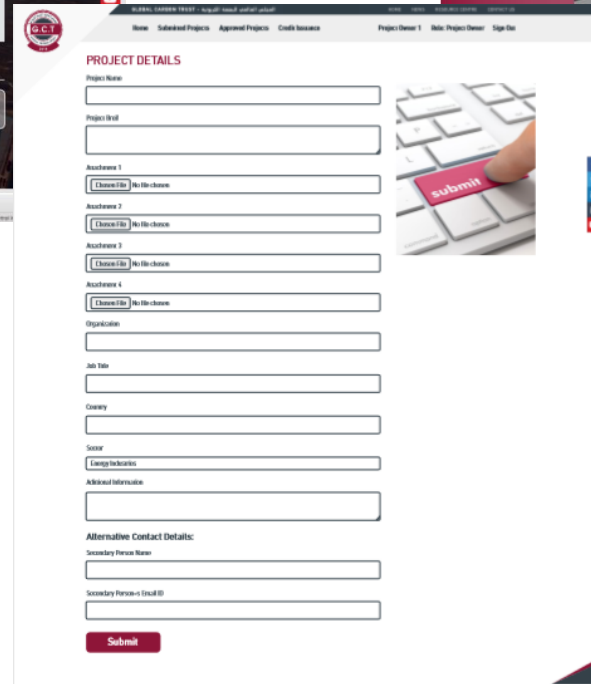
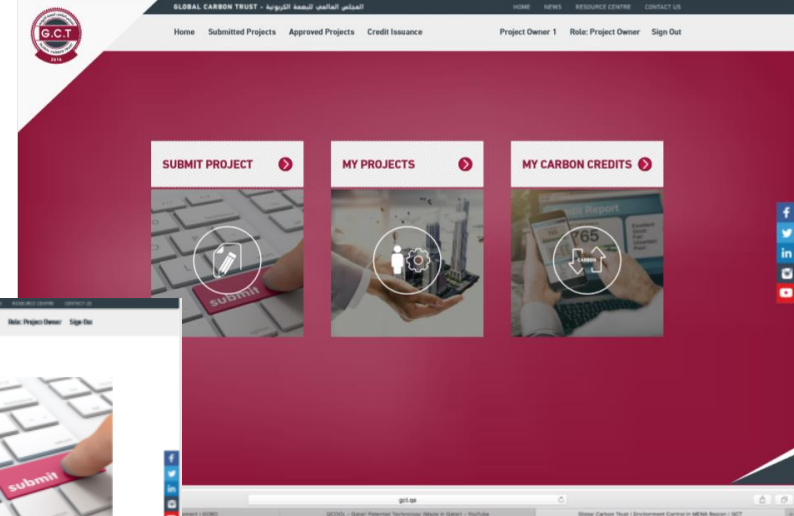
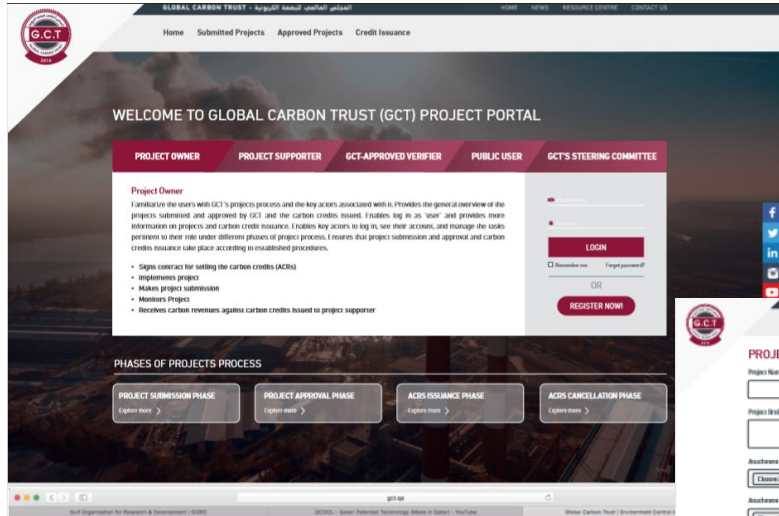


**MOU** signed with UNFCCC: Web-based Tool for Sustainable and Carbon Neutral for Events, in collaboration with UNFCCC, ICAO, UNEP.



GCT, the member of **IETA**, working in close collaboration with international organizations on regional capacity building and standards development.





To be launched soon

## Verifiers

- CDM DOEs
- Certification Bodies accredited by National Accreditation Bodies for ISO 14065
- GCT Independent Verifiers

## Invitation for GCT empanelment

- **Call to be launched soon** to invite individual experts to become **GCT Independent Verifiers**
- Training on GCT Project Verification **to be launched soon**
- Training on **Carbon Neutrality Professional (CNP) to be launched soon.**
- **Carbon Neutrality Professional (CNP) mandatory qualification criteria**
- Reference: [www.gct.qa](http://www.gct.qa)

Your carbon neutrality goes a long way for 1.5 deg target

- GCT helps to catalyze regional GHG projects
- GCT provides high quality carbon credits

To help you lead the low-carbon legacy

UNDER THE PATRONAGE OF HIS EXCELLENCY SHEIKH ABDULLAH BIN NASSER BIN KHALIFA AL THANI, PRIME MINISTER AND MINISTER OF INTERIOR

# قيمة الاستدامة

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## Thank You

k.rajhansa@gord.qa

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