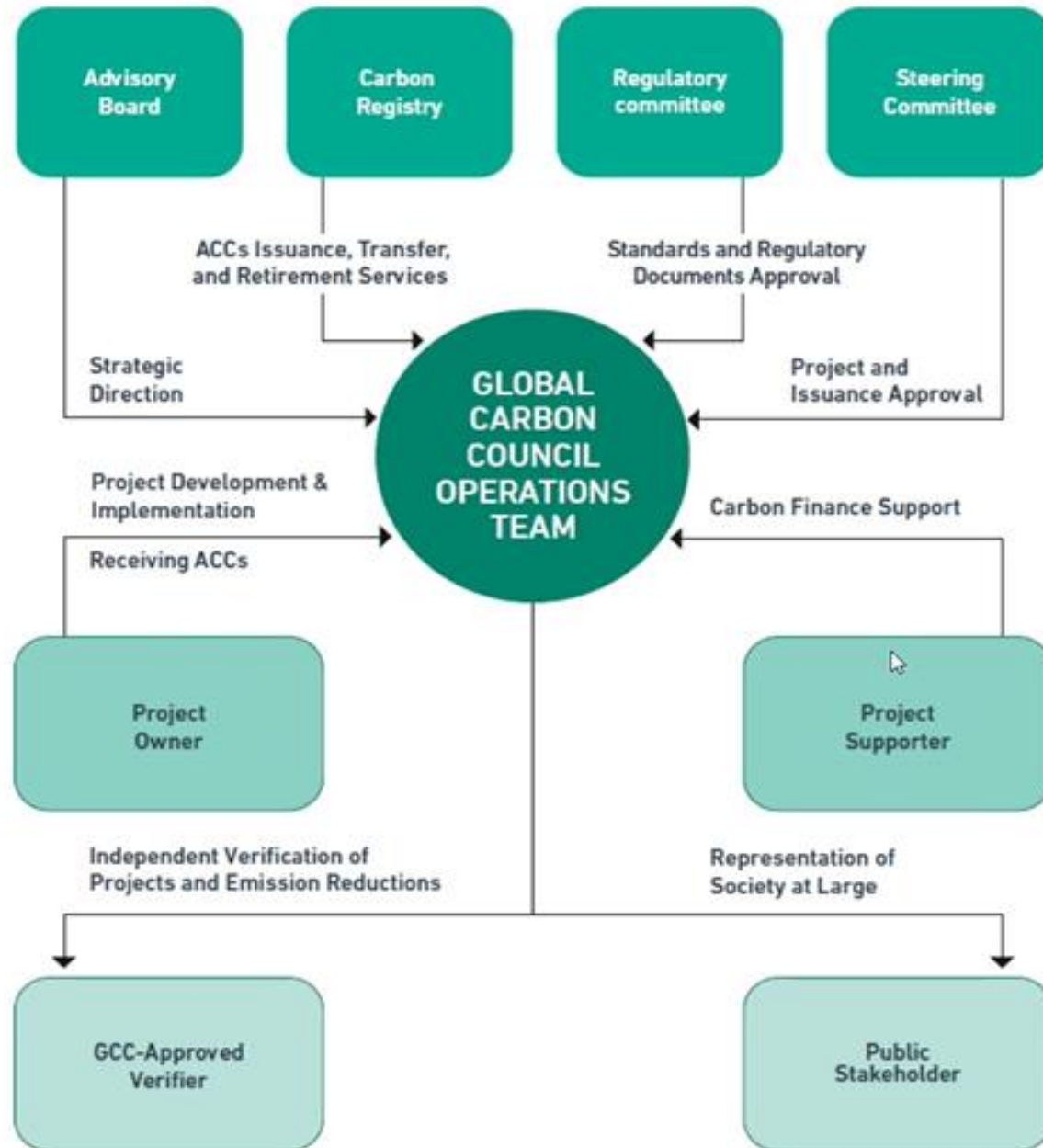




**GLOBAL
CARBON
COUNCIL**

ICROA

International Carbon Reduction
& Offset Alliance

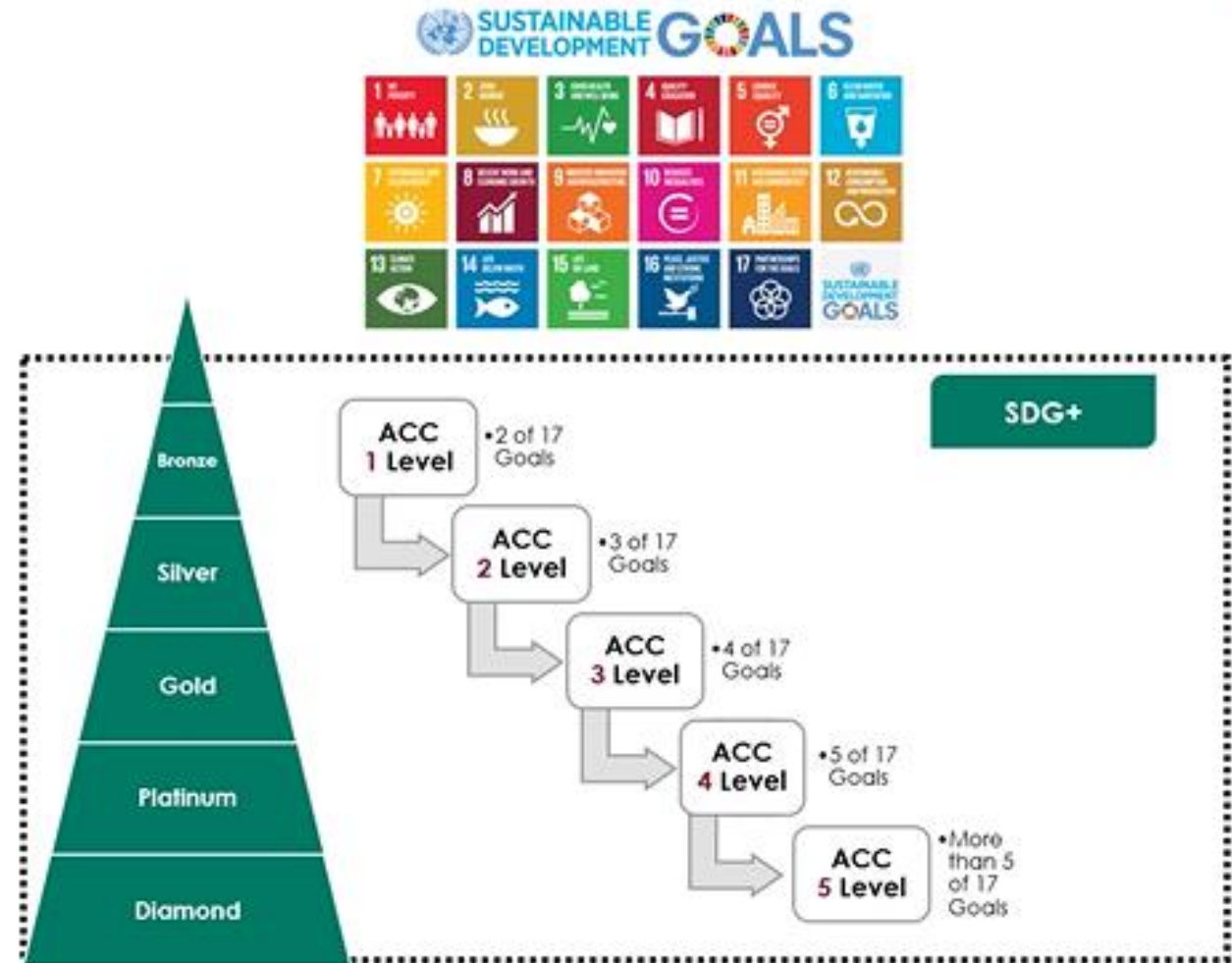


What does it do

- ▶ The GCC Program **receives** GHG emission-reduction **projects** from the entire world. Issues carbon credits and **ARECs**.
- ▶ GCC Program provides opportunity to projects from organisations to **choose** the outcome they want:
 1. Reduce **green House Gases** to catalyse climate action on the ground (minimum requirement)
 2. Ensures that project construction and operations **do not cause** any **net-harm** to the **environment** and **society**
 3. Contribute to the **United Nations Sustainable Development Goals**
 4. Prevent **double counting** by receiving **host country letter of assurance** to **prevent** and independently **verify** application of **corresponding adjustment**
 5. Comply with **CORSIA** requirements

Certification Labels

- reduced a quantity of greenhouse gases (**ACC label**)
- achieved Environmental No-Net Harm (**E+ label**)
- achieved Social No-Net Harm (**S+ label**)
- achieved UNSDG (**SDG+ label** and **sub-labels**)
- achieved Corresponding Adjustment (**CA+ label**)
- achieved CORSIA (**C+ label**)



Highest Standards of Environmental Integrity- Accreditations & Endorsements



The **Global Carbon Council (GCC)** Program follows best international practices in setting and maintaining the **highest standards of environmental integrity** with each carbon credit that is issued. It is accredited by the **United Nation's International Civil Aviation Organisation (ICAO)** for the **CORSIA scheme** & the **International Carbon Reduction and Offsetting Alliance (ICROA)**.

Full endorsement of CORSIA



- ▶ GCC Program received full Approval :
 - **Pilot Phase: 23 March 2021**
 - **Eligible for all types credits**, except AFLOU and CCS
 - **Verified GCC Credits** (generated for vintage 1 Jan 2016 – 31 Dec 2020) **are eligible to be used by International Airlines** for offsetting their emissions during the Pilot phase (2021-2023) of CORSIA
- **First Phase: Nov 2024**
- **Verified GCC Credits** (generated for vintage 1 Jan 2021– 31 Dec 2026) **are eligible to be used by International Airlines** for offsetting their emissions during the First phase (2024-2026) of CORSIA

Full endorsement of ICROA

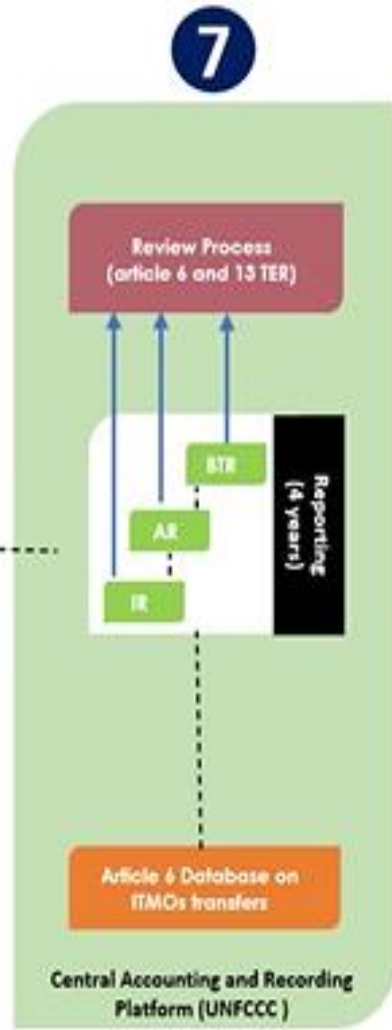
- ▶ **ICROA** has **endorsed** the Global Carbon Council (GCC) into the ICROA Code of Best Practice.



<https://www.icroa.org/standards>



Integrate all workflows (R, I, PRC, RCP)



Milestones and Achievements

Projects Submitted = 1525 from **45+** Countries

Forecasted Emission Reductions (2020~2032) = Approx. 2 Billion

Regions -

South and East Asia: India, Turkey, China, Vietnam, Pakistan, Thailand, Lao- PDR, Singapore, Indonesia, Nepal, Philippines, Sri Lanka, Afghanistan, Myanmar

MENA region: Egypt, Jordan, Qatar, UAE, Morocco, Oman, Saudi Arabia, Palestine

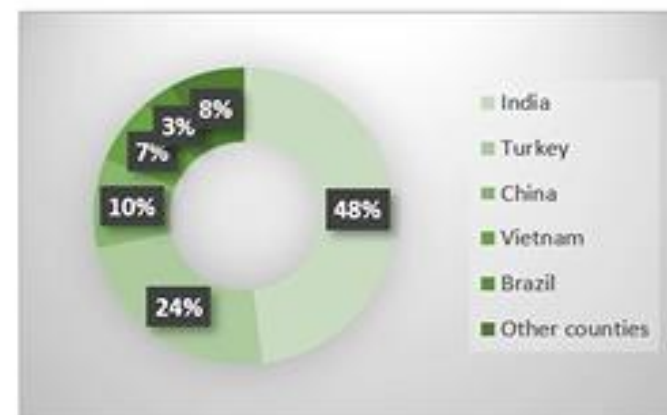
Africa: Rwanda, South Africa, Namibia, Liberia, Kenya, Uganda

Eastern Europe: Serbia, Hungary, Kazakhstan, Ukraine, Uzbekistan, Russia, Kosovo

Latin America: Chile, Brazil, Peru, Argentina

Caribbean: Dominican Republic, Jamaica

Project Submissions per Country		
India	712	48%
Turkey	351	24%
China	146	10%
Vietnam	106	7%
Brazil	53	3%
Others	117	8%



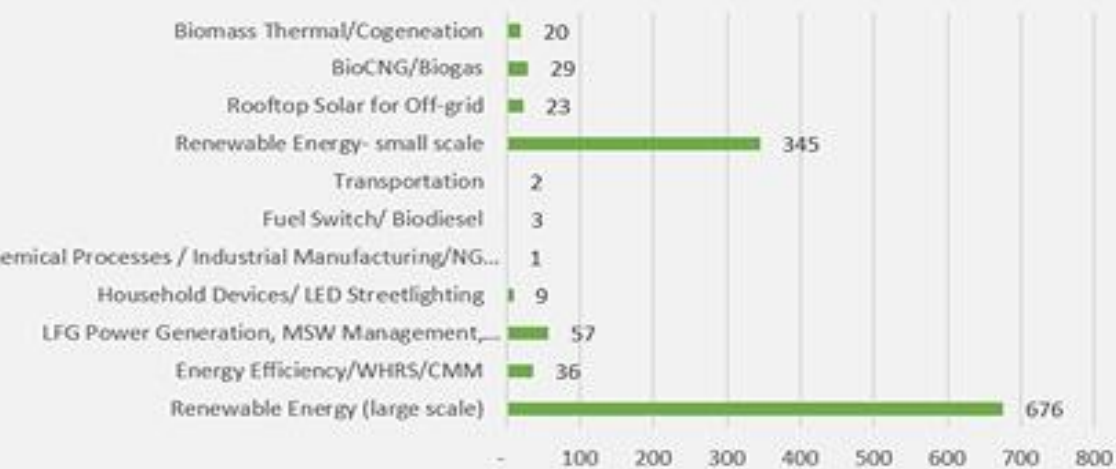
NUMBER OF SUBMITTED PROJECTS



**Projects Submitted =
1525** from **45+** Countries

**Forecasted emission reductions
(2020~2032) = Approx. 2 Billion**

NUMBER OF SUBMITTED PROJECTS



Mitigation activity types –

- ▶ Renewables (Solar, wind, hydro, biogas, geothermal, biodiesel)
- ▶ Sewage wastewater treatment
- ▶ Composting of animal manure
- ▶ Mass Transport (Metro)
- ▶ Paper, metal and plastic recycling
- ▶ Biogas and power generation from animal manure and agro-industry waste
- ▶ Energy Efficiency in pumping system in a constructed wetland project
- ▶ LED Streetlights
- ▶ Solar powered agriculture pumps
- ▶ Municipal solid waste treatment & Recycling
- ▶ Water Desalination

Article 6 Operationalization progress update:

- ▶ MOU with Singapore Carbon Tax
- ▶ MOU signed with CBL Exchange
- ▶ MOU signed with Egyptian Exchange
- ▶ Agreement signed with Climate Impact X
- ▶ MOU signed Regional Center for Renewable Energy and Energy Efficiency (RCREEE), Egypt
- ▶ MOU signed West Africa Carbon Market Alliance
- ▶ MOU signed Thailand GHG Organisation
- ▶ MOU signed with Climate Change Center, South Korea
- ▶ MOU signed with Kenya Climate Innovation Center (KCIC)

Article 6 Operationalization progress update (is in advance process):

- ▶ Jordanian Ministry of Environment (is in advance process)
- ▶ MOU with PIF, Saudi Arabia's Exchange)
- ▶ Other MOUs initiated (Ghana, Chile, Seychelles etc)

Partnerships & Collaborations-update:

- ▶ Accreditation bodies
 - ICAO/CORSIA
 - ICROA
 - ICVCM (to be applied)
- ▶ Exchanges (Egypt, KSA, India, Singapore)
- ▶ S&P Global Meta Registry
- ▶ World Bank and Singapore's CADT
- ▶ International Emission Trading Association

GCC Scheme of connection to countries

