

Company Profile

ClearBlue Markets is a carbon finance consultancy specializing in WCI Cap and Trade, Canadian Federal Backstop and EU-ETS.

Services Areas of Expertise:



Strategy & Advisory



Regulatory Updates & Reporting



Credit & Offset Sales



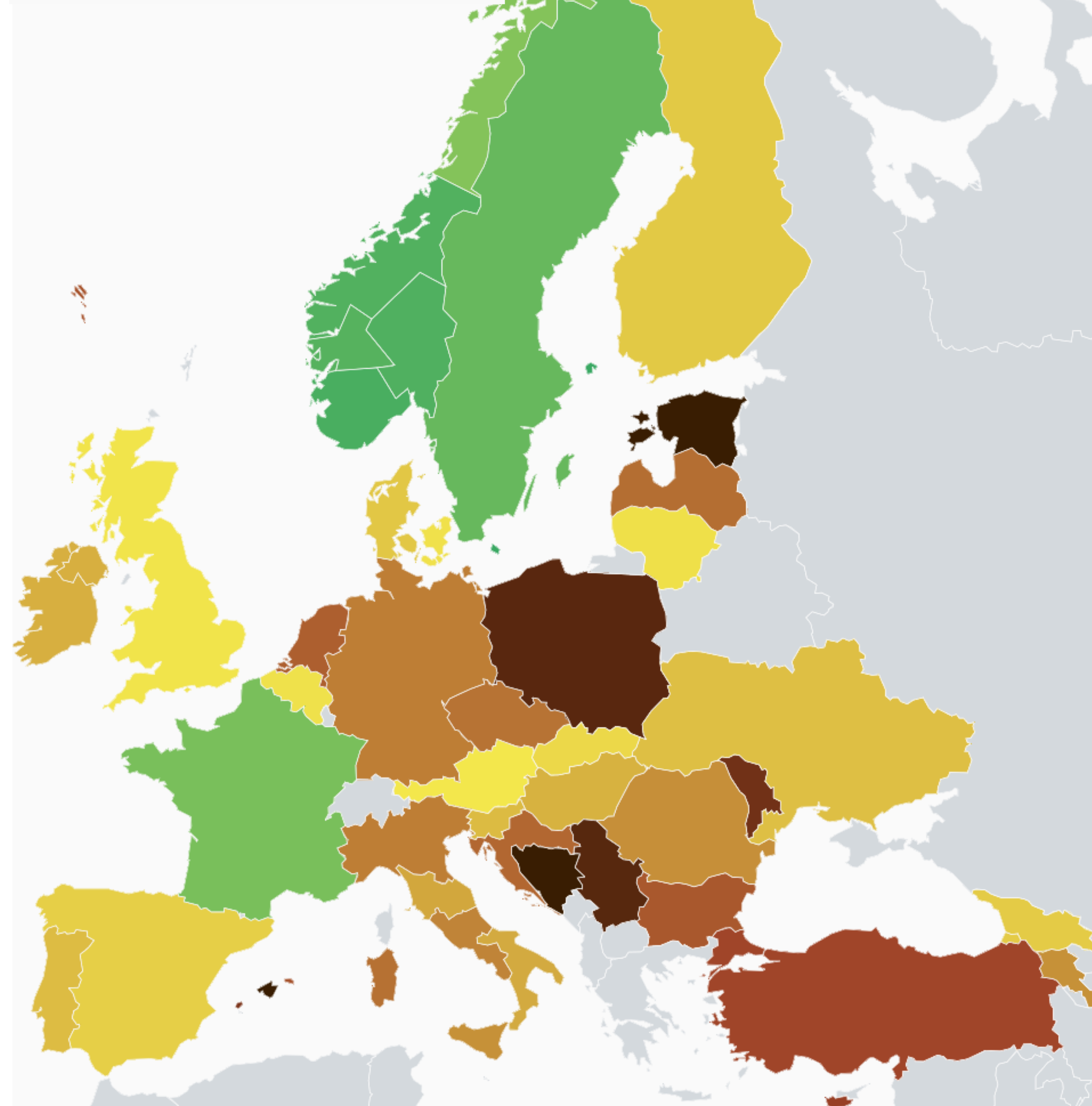
Market Analysis

Emissions from Power Generation in EU

Scope: Analyze the trend of emissions from power production based on type of source i.e. Coal, Natural Gas, Solar, Nuclear, etc.

Responsibility: Developed hourly power generation database for 27 countries in EU and analyzed power generated as per source, country & month. Created macros and algorithms to automate the analyses.

Carbon intensity (gCO₂eq/kWh)



Emission Intensity

Estonia, Poland, Serbia, Netherlands, Czech, Italy, Germany, Hungary, Finland, France, Spain, Ireland, Denmark, Great Britain, France, Norway, Sweden

*The data is as of 2:00 PM CDT, 30 August 2019 from electricitymap

Insight: Transition towards low-carbon & renewable sources of energy depends on policy goals and regulatory implementation.

Key Learnings and Outcomes

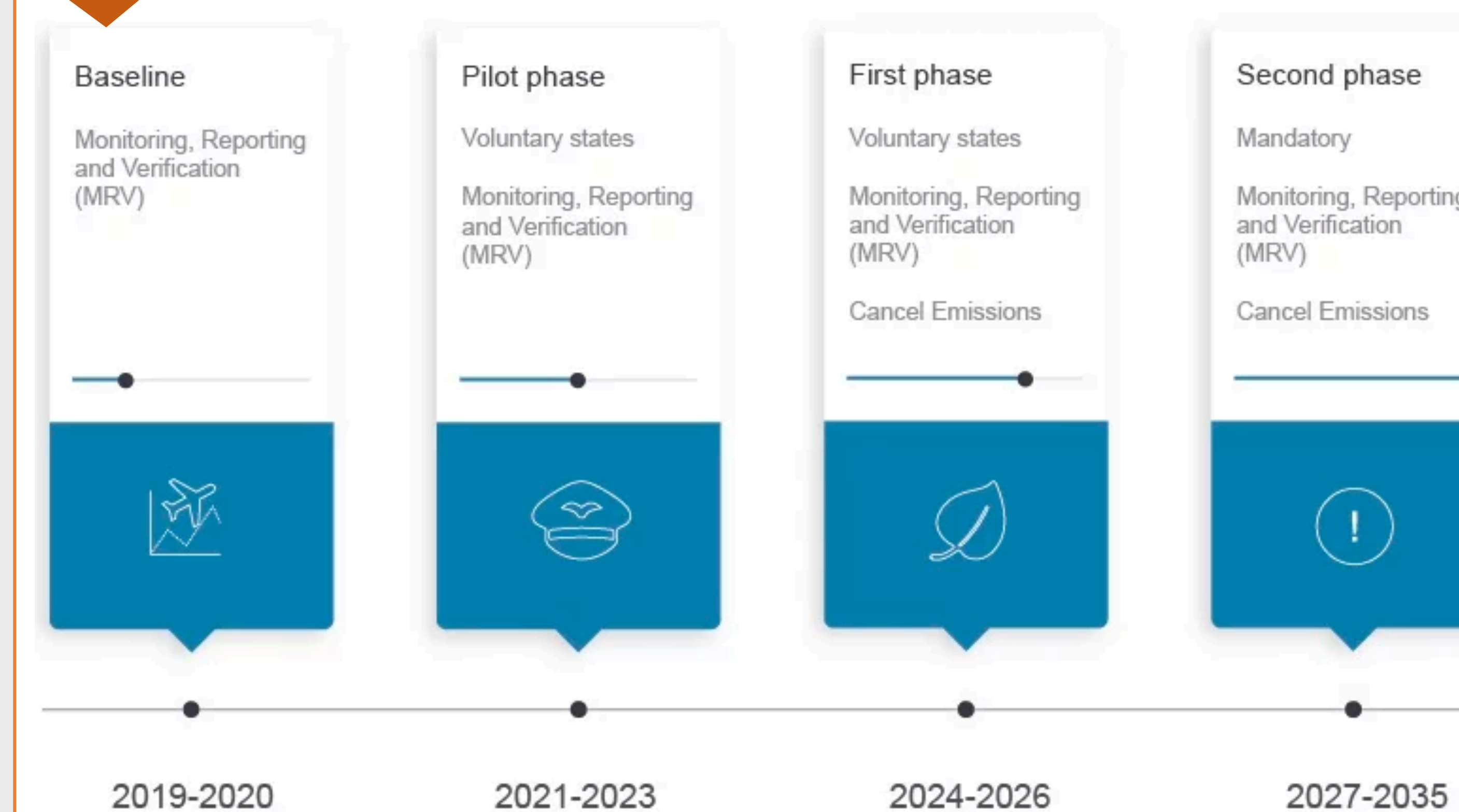
- Acquired in-depth understanding of various policies, regulations framework and emission pricing systems such as OBPS, Carbon Tax, Cap & Trade, Offsets and ETS.
- Gained practical consulting experience of analyzing a new developing market, developing business strategy for client acquisition, and developing models using huge data sets.
- Developed various deliverables such as CORSIA implementation material, offset supply & demand models, emission calculation templates, industry memos, and risk reports.
- Analyzed offset supply & demand model of EU-ETS across various industries such as pulp & paper, metal, oil & gas, cement/lime/glass, among others.
- Designed and automated a forecast model of emission generated through power production of 27 countries in EU.

ICAO's CORSIA

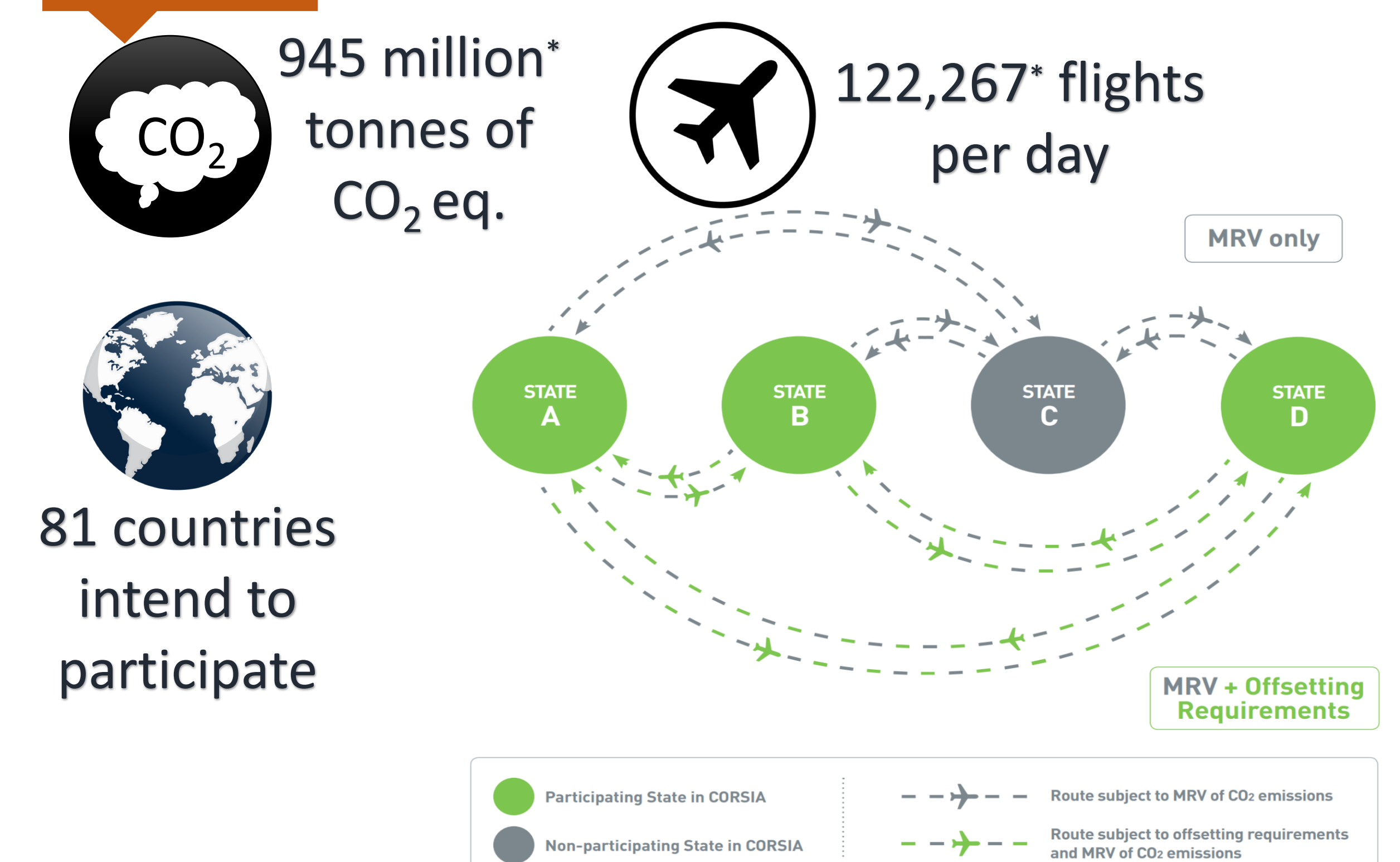
Scope: Assist in understanding the ICAO's Carbon Offsetting & Reduction Scheme for International Aviation (CORSIA) and develop required materials to support the development of service for clients.

Responsibilities: Understood the CORSIA implementation, regulations, timeline, and Monitoring, Reporting & Verifying (MRV) requirements. Developed database of airlines and their estimated emissions for CORSIA covered routes.

Timeline:



Insights:

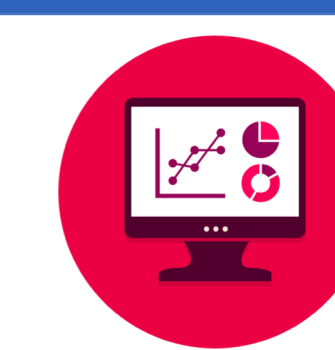


*These estimations are based on the 2018-2019 airline routes data available on opensource and are subjected to CORSIA

Key Skills Used and Gained



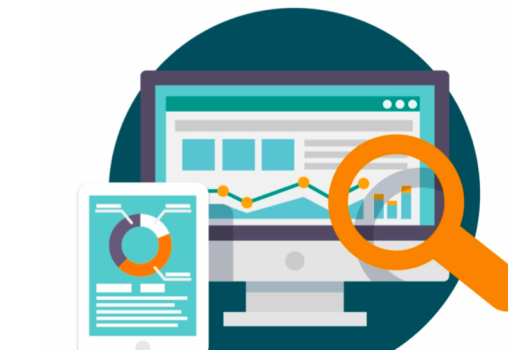
Statistical knowledge and experience



Data analysis with excel & R



Critical thinking & communication skills



Strategic business research

