



Rigoberto Antonio Amaya De León

Work permit: Netherlands, Panama | **Date of birth:** 23/09/1997 | **Place of birth:** Chitre, Panama | **Nationality:** Panamanian | **Phone:** (+31) 611789760 (Mobile) | **Email address:** rigoberto.amaya.dl@gmail.com | **Website:** <https://bit.ly/RigobertoAmaya>

● ABOUT MYSELF

Energy systems engineer and MSc student with experience in quantitative research, policy analysis, and infrastructure related energy systems in Latin America. I specialize in transforming complex datasets into structured analysis that supports evidence based decision making. My background combines regulatory experience, economic evaluation, and technical modelling, with a strong focus on infrastructure, energy markets, and development outcomes. I bring analytical rigor, research discipline, and experience working with public institutions and multilateral initiatives.

● EDUCATION & TRAINING

01/09/2025 - Current

MASTER OF SCIENCE – SUSTAINABLE ENERGY SYSTEMS- EINDHOVEN UNIVERSITY OF TECHNOLOGY (TU/E), NETHERLANDS & KTH ROYAL INSTITUTE OF TECHNOLOGY, SWEDEN

- Focus on energy systems modelling, infrastructure planning, and energy market analysis
- Strong training in quantitative methods, policy evaluation, and data-driven research
- Experience conducting structured analytical studies on energy transition and infrastructure systems

Field(s) of study:Electricity and energy | **Website:**

<https://mastersplus.innoenergy.com/programmes/master-in-sustainable-energy-systems/>

01/08/2024 - 01/05/2025 - NEW HAVEN, UNITED STATES

FINANCING AND DEPLOYING CLEAN ENERGY- YALE UNIVERSITY

- Conducted structured analysis of clean energy investment cases
- Developed financial and economic models to evaluate infrastructure viability and risk
- Integrated technology, regulation, and market dynamics into structured recommendations

01/08/2024 - 01/10/2024

REGIONAL INTEGRATION & ENERGY DIPLOMACY- UNIVERSITY OF CHILE - INTERNATIONAL STUDIES INSTITUTE

- Analyzed electricity markets, infrastructure integration, and energy access in Latin America
- Evaluated public-private financing structures for infrastructure deployment
- Studied regulatory coordination and cross-border energy systems in developing contexts

10/10/2022 - 10/10/2023

PM4R PROJECT MANAGEMENT EXPERT- INTER-AMERICAN DEVELOPMENT BANK

Certification in advanced project management methodologies focused on planning, risk control, monitoring, and results-based execution for development projects.

Website: <https://credencialesbid.openbadgepassport.org/app/badge/info/43813>

01/09/2016 - 01/12/2023 - MINNEAPOLIS, UNITED STATES

BACHELOR OF SCIENCE, BIOPRODUCTS AND BIOSYSTEMS ENGINEERING (CHEMISTRY MINOR)-

- Strong foundation in **engineering problem-solving, quantitative analysis, and systems thinking**
- Applied engineering methods to **sustainable materials, energy, and resource systems**

● WORK EXPERIENCE

06/11/2020 - 01/08/2025 - PANAMA CITY, PANAMA

HYDROCARBONS AND ALTERNATIVE ENERGIES ANALYST PANAMA MINISTRY OF THE PRESIDENCY - NATIONAL SECRETARIAT OF ENERGY

- Built and maintained a national energy geodatabase to support infrastructure planning and policy evaluation
- Conducted quantitative analysis of fuel markets, demand trends, and pricing mechanisms
- Produced analytical reports and technical briefs to support regulatory and infrastructure decisions
- Supported development of technical standards and regulatory frameworks for fuel markets
- Coordinated multi-stakeholder initiatives aligned with national energy transition objectives
- Authored policy memos and analytical documentation for government and international partners

Business or sector Public administration and defence; compulsory social security | **Website:** energia.gob.pa

01/07/2023 - CURRENT - HAWAII, UNITED STATES

GLOBAL AMBASSADOR BLUE PLANET ALLIANCE

- Contributed to analytical work supporting renewable energy policy in developing economies
- Participated in research discussions on financing and infrastructure pathways for small island states
- Engaged with multilateral stakeholders on climate and energy transition frameworks

Website: <https://blueplanetalliance.org/>

01/08/2022 - CURRENT - PANAMA CITY, PANAMA

LICENSED INSURANCE BROKER SUPERINTENDENCE OF INSURANCE AND REINSURANCE OF PANAMA

- Created data driven portfolio systems with strong emphasis on quantitative tracking and risk assessment
- Applied analytical tools to evaluate financial performance and regulatory compliance

Business or sector Financial and insurance activities

30/03/2021 - CURRENT - PANAMA CITY, PANAMA

OFFICIAL TRANSLATOR & INTERPRETER - ENGLISH/SPANISH INDEPENDENT CONTRACTOR

- Delivered **clear, precise communication** for technical and legal documents

● SKILLS

Cross-cultural leadership | Quantitative research and policy analysis | Energy market modelling and infrastructure evaluation | Economic and financial analysis | Python intermediate | ArcGIS and QGIS | Technical report writing | Stakeholder engagement

● RESEARCH INTERESTS

Energy system

Infrastructure and energy systems in the European Union
Energy market reform and regulatory frameworks
Public-private financing for sustainable infrastructure
Data-driven policy evaluation