

## Cambridge Sustainability



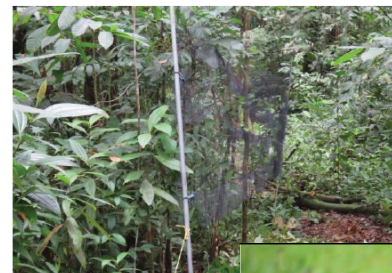
Sustainability is the key to protecting the environment for future generations. Cambridge understands the fundamental role we play as stewards of the environment and integrates an environmentally friendly approach in our business strategy, operations, and technology innovations. We are committed to reducing our environmental footprint both in the communities where we work and through the solutions we provide to our customers' most critical environmental challenges.

Cambridge is supporting our customers in improving their environmental performance by evolving existing systems to reduce their ecological impact and implementing new technologies and infrastructure that are more sustainable. We provide environmental, energy, and sustainability solutions that address environmental challenges with climate change, natural resource management, and energy efficiency in mind.

Whether harnessing the power of the wind, soaking in the energy of the sun, or preserving earth's resources, we are committed to tackling this global challenge by engineering a more sustainable future and exemplifying what it means to be a steward of the environment.

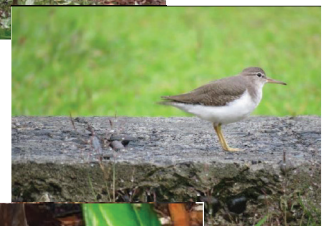
### Environmentally Focused Services

- Critical infrastructure
- Environmental Consulting and Remediation
- Environmental Risk Assessment
- Renewable Energy
- Site Characterization and Investigation
- Systems Engineering



### Sustainable Solutions

Construction of Radar Tower at Gorgona, Cauca, Colombia  
Based upon a comprehensive environmental impact study, Cambridge designed and installed a radar tower on Gorgona Island, Colombia. The island, noted for its many endemic species and unique ecosystems, is a National Nature Park. Therefore, Cambridge exercised the utmost diligence to preserve and protect the local fauna and wildlife during the tower construction. The scope of this project included the construction of an access road identifying numerous sensitive areas that were important for the passage, congregation and reproduction of the amphibians present on this path; acquisition, transport, and utilization of coniferous wood materials from cultivated forests treated via the Vacuum-Pressure process utilizing immunizing salts; the presence of a forestry professional to help avoid use of soil from surrounding areas that fall outside of the construction area; activities to drive away the species of birds, flying mammals, and others with cursorial and fossorial habits, so they moved by themselves from the direct influence area; and monitoring of insects, amphibians, terrestrial reptiles, birds, bats and flora during the construction process.



## Colombian Ministerio de Hacienda y Credito Publico "Green" Electric Grid

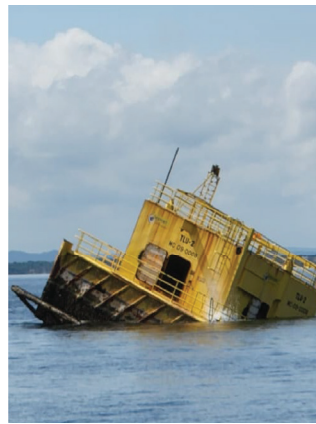
Cambridge is supplying, installing, and implementing a new electric infrastructure for the Colombian Ministerio de Hacienda y Credito Publico (Ministry of Treasury) in Bogotá, Colombia. This new energy distribution system will replace an outdated and inefficient system that was unreliable and increasingly unsustainable under the current climate-sensitive standards. Cambridge's new installation will create a grid with armed bars that improves efficiencies by 80% and saves approximately 70% of the Ministry's previous electrical infrastructure operating costs when integrated into their new solar panel system.



The new grid supply supports our Colombian Partner Nation's commitment to critical infrastructure development and environmentally sensitive implementation practices and will meet the highest levels of availability and safety.

## Gulf of Morrosquillo Buoy Sinking To Create An Artificial Reef

Cambridge supported the design, fabrication, and installation of a monoboya system in the Gulf of Morrosquillo in Colombia to replace an outdated and inefficient single-buoy tanker. The new monobuoy system offers advanced environmental protections including safeguards that prevent spills, technologies that reduce the risk of any possible contamination to the surrounding waters and marine life, and faster transfer capabilities that reduce emissions.



Upon completion of the new system installation, Cambridge assisted in sinking the old buoy tanker to serve as an artificial reef and create an entirely new marine ecosystem in the Gulf of Morrosquillo. During the sinking, a team of almost 30 people was deployed, including professional divers, crane operators, mechanics, deck sailors, welders, and a hyperbaric nurse, to ensure a successful operation. The sinking of the buoy to create an artificial reef will have a circular benefit to the marine ecosystem in the Gulf of Morrosquillo, the sustainability of the local fishing industry, and the quality of life for the local community as whole.

## Forever Cost Rica Coastal-Conservation Maritime Surveillance System

Cambridge designed and installed a maritime surveillance system to promote coastal-conservation activities and enhance security in the maritime-protected area around Cocos Island, located three hundred miles Southeast of Costa Rica. Cocos Island, a UNESCO heritage site, is home to extensive coral reefs that house a vast ecosystem of marine life including sharks, whales, dolphins, rays, sea lions, turtles and over 300 species of fish – including 30 unique marine species found nowhere else in the world.



Our team leveraged our vast experience working in austere environments to deploy a practical, configurable, scalable, sustainable, and durable radar and surveillance solution that complies with the strictest local environmental, ecological, and quality standards. Our work provides local law enforcement with a powerful tool to minimize the vulnerability of the remote island ecosystem, protect the island's resources, and combat illegal poaching, fishing, and drug smuggling.



**CAMBRIDGE**  
INTERNATIONAL SYSTEMS

2300 Clarendon Blvd, Suite 705  
Arlington, VA 22201  
(571) 319-8900  
[www.cbbridgeinc.com](http://www.cbbridgeinc.com)