



Environmental Impact Assessment Experience in Africa



Preparing an environmental impact assessment (EIA) in developing countries presents a special challenge due to the very close connection between socioeconomic well-being, environmental resources, and unique stakeholder concerns. Assessing project impacts in these countries requires more than a foundation in environmental science; it requires appropriate communication with local governing bodies and an ever-evolving knowledge of country-specific regulatory requirements and international environmental treaties.

ICF International recognizes the frequent need to meet the standards instituted by the World Bank and other multi-lateral funding institutions and to involve stakeholders at an early stage of the EIA process. In addition, with the aid of our local partners, we have executed technology transfer and capacity building programs that add significant value to our clients' large EIA efforts. Our understanding of environmental issues and on-the-ground experience in Africa allows us to determine the appropriate level of effort needed in executing EIAs to meet project objectives and goals and ultimately resulting in project success.

Services

- Environment
- Emergency Management
- Transportation
- Energy
 - Market analysis, asset valuation, and due diligence
 - Emission strategies
 - Software solutions
 - Strategic planning
 - Risk management
- Information Technology
- Strategic Communications
- Public Sector Programs
 - Customer relationship management
 - Performance management
 - Technology management
- Change Management
- Training, Facilitation, and Collaborative Decision-Making
- Public Relations and Media Services
- Economic Development Strategies
- Housing and Community Development

Our Experience

Unlike technical firms that lack an understanding of policy issues, or policy and economics firms that lack technical understanding, ICF is organized specifically to perform technical analyses of environmental issues from an interdisciplinary perspective. Our depth of experience extends beyond this technical niche to include local culture, history, politics, socio-economics, and health and safety.

ICF's inter-disciplinary approach to EIA and risk reduction allows our team to effectively interface with regulators and stakeholders.

ICF has honed a model of teambuilding with local experts to provide our partner-clients the highest quality at the greatest value.

For example, our African teaming partners include attorneys, universities, non-governmental organizations, private consultancy groups, research institutions, private industry, multidisciplinary scientists, and engineers. These teaming practices continually add value to our clients' EIA efforts.



With more than 450 highly qualified staff devoted to environmental matters, ICF offers

expertise across all environmental media and socio-economic issues. ICF has managed teams of scientists and consultants and prepared numerous EIAs, environmental baseline surveys, environmental monitoring programs, and coastal zone management programs for international clients

Selected Projects

Multiple Environmental Impact Assessments, West Africa. ICF produced five EIAs for the West African Gas Pipeline offshore pipeline venture—one of West Africa’s most significant regional energy projects. Delivering natural gas from Nigeria to Benin, Togo, and Ghana, this joint pipeline project involved six energy resources companies and the governments of all the involved West African nations. The EIA effort, which involved prominent African consultants and non-governmental organizations in each respective country, included environmental baseline surveys of the shorelines and impacted areas (onshore and offshore); regular stakeholder consultations; impact assessments; developing mitigation and monitoring measures; health and safety plans; and environmental management plans for each country.

Environmental Baseline Survey, Nigeria. ICF developed an Environmental Baseline Survey for one of the first offshore oilfield development projects in Nigeria and located in a deep-water (4500’) marine environment. ICF’s extensive experience with this type of deep-water oilfield development project enabled us to offer exceptional value to the subsequent EIA. We used cutting-edge field sampling techniques and performed technical oversight of quality assurance/quality control sampling in analytical laboratories in both Nigeria and in the United States.



Environmental Impact Assessments, Niger Delta. ICF teamed with a Nigerian environmental consultancy firm to develop two separate EIAs in the Niger Delta region of Nigeria. One EIA was in support of the construction and operation of a gas-to-liquid plant (emerging technology) while the second EIA documented the expansion of existing gas gathering (offshore) and gas processing (onshore) facilities.

Initial Environmental Review, Angola. A consortium of companies, including SONANGOL (Angola), requested that ICF perform an Initial Environmental Review (IER) evaluating construction of a new petroleum refinery near Lobito, Angola. The IER covered four locations and involved an intensive literature review as well as multiple site investigations. The final IER selected the preferred location and identified data gaps that must be filled before performing a full EIA. ICF was retained by these same clients to perform the EIA for the new refinery.

About Our Staff

ICF provides innovative environmental solutions based on our staff’s expertise. We maintain a cadre of seasoned environmental professionals that allows us to assemble the best team for each project, including experts in the following:

- Atmospheric, earth, marine, and chemical sciences
- Computer sciences
- Emergency management
- Health and ecological risk assessment
- Oil and gas, chemical, automotive, transportation, and demilitarization engineering
- Community development
- Economic and policy analysis
- Geotechnical and geo-environmental design engineering
- Pollution-control technology

About ICF International

ICF International (NASDAQ: ICFI) partners with government and commercial clients to deliver consulting services and technology solutions in the energy, climate change, environment, transportation, social programs, health, defense, and emergency management markets. The firm combines passion for its work with industry expertise and innovative analytics to produce compelling results throughout the entire program life cycle, from analysis and design through implementation and improvement. Since 1969, ICF has been serving government at all levels, major corporations, and multilateral institutions. More than 3,000 employees serve these clients worldwide. ICF’s Web site is www.icfi.com.

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