

DETAILED ENVIRONMENTAL PROTECTION PLAN

Project Overview

In 2003, EnCana retained Matrix Solutions Inc. to conduct site-specific biophysical surveys and to develop a detailed Environmental Protection Plan (EPP) for a three-well oil exploratory drilling program in the Bongor Basin, Chad. The plan consisted of both general environmental protection measures that applied to all development activities and specific protection measures that applied to the various facilities being constructed. The EPP was developed to direct the environmental protection activities and processes that take place during construction, drilling and production operations and to provide a framework from which monitoring and as-built reporting could be undertaken.

The basic principle of environmental protection is inherent in Chadian law; however, the methods and reporting requirements were not yet defined. As a result, Matrix conducted the soils and terrain, vegetation and wildlife surveys and developed the EPP based on Canadian environmental assessment and reporting standards. Local experts who had extensive knowledge of the region contributed vital historical, botanical, terrestrial and socio-economical expertise to the multi-disciplinary team.

The surveys were successfully completed and the EPP was tailored to meet EnCana's needs. The EPP will provide practical operational solutions to reduce possible negative effects in this sensitive region.



CHAD

Matrix's Role

The Matrix team developed an Environmental Protection Plan to provide practical operational solutions to reduce the potential for negative impacts in a sensitive region that had limited infrastructure and resources. The plan addressed drilling operations as well as the construction and operation of associated facilities including:

- well sites,
- access roads,
- aircraft landing strips,
- borrow pits, and
- camps.

A biophysical survey was done to document baseline environmental conditions, identify sensitivities and potential impacts from the exploratory program, and to recommend appropriate mitigation measures for all phases of the program.