



Study Committee No : C3

WORKING GROUP FORM

Group No : WG C3.09	Name of Convener : Stephen Martin (AUS)
TITLE of the Group : CORRIDOR MANAGEMENT	
<u>Background:</u> <p>Corridor management involves the management of various environmental impacts to maintain safe and reliable high voltage networks. Planning new routes, constructing assets and maintaining and operating networks all rely on safety and reliability standards to be achieved, while community and regulatory constraints continue to increase. This working group will review environmental issues relating to corridor management for the whole of life for high voltage networks. It will provide CIGRE members with technical information on global trends and examples best practice. This work will involve liaison with B2 Study Committee in addition to the C3 panel.</p> <p>Corridor management includes the management of:</p> <ul style="list-style-type: none">➤ Vegetation➤ Biosecurity (weeds and pest)➤ Wildlife interactions➤ Access tracks➤ Property owners and Stakeholders➤ Erosion and Sediment➤ Water Quality➤ Fuel loads (fire mitigation)➤ Contaminated land➤ Cultural heritage➤ Water quality➤ Environmental offsets➤ Route acquisitions➤ Use of Geographical Information Systems➤ Development approvals (including project Environmental Impact Assessments and Strategic Environmental Assessments in some parts of the world) <p>Managing the environmental aspects associated with corridor management is increasingly complicated, with community, stakeholder and government expectations increasing. Reviewing global practices to provide CIGRE members with an indication of the trends and examples of best practice will provide important insights for member organisations.</p> <p>CIGRE members have indicated that corridor management is an important topic that requires further investigation for the following reasons:</p> <ul style="list-style-type: none">➤ A perception that vegetation control and other corridor management costs are increasing globally➤ Use of corridors as ecological corridors, using vegetation compatible with lines is increasing➤ Pressures to manage interactions with surround land use (e.g. farming practices)➤ A benchmark on experiences and methodologies for corridor management practices would be very important for member companies➤ Management of property owner requirements is core to our business operations➤ Wildlife interactions are becoming an increasing issue for some transmission assets	



Scope:

Corridor management

The aim of the WG is to define procedures and methods that apply to environmental aspects of Corridor Management, including overhead (and underground) lines and land assets required for operating Transmission businesses.

The WG shall proceed by developing the following steps:

- Collection and analysis of environmental legislation and technical standards about corridor management, in the context transmission businesses.
- Collection and analysis of practical experience (literature and/or “case studies”).
- Synthesis and benchmarking of standards and experiences.
- Identification of critical issues.
- Definition of criteria and summary of best practice case study results.
- Dissemination of conclusions (Target Groups: Electric Utilities, Authorities, Regulators)

Deliverables: Technical brochure on the proposed evaluation procedures and summary to be published on ELECTRA

Time Schedule

- a) Launch of WG: August 2008
- b) Interim Report: December 2009
- c) Final Report: June 2010
- d) Technical Brochure: December 2010
- e) Disbanding: March 2011

Approval by TC Chairman : Klaus Fröhlich Date : 19-02-2008