

CEMEX biodiversity management and the importance of partnerships

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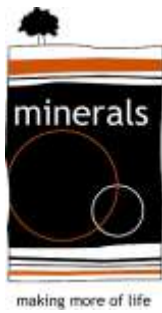
CEMEX business...





But so is this.....

Relevance of biodiversity issues to CEMEX



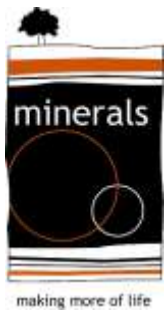
- Reliance on natural resources / Interactions with ecosystems and biodiversity
- Regulatory frameworks / Stakeholders expectations
- Access to land and business continuity
- Economic schemes based on nature valuation



CEMEX Conservation book series:

- 18th edition published in 2010
- Fresh Water – the essence of life
- a partnership with Conservation International, NatureServe, Wetlands International, Ramsar, the International League of Conservation Photographers

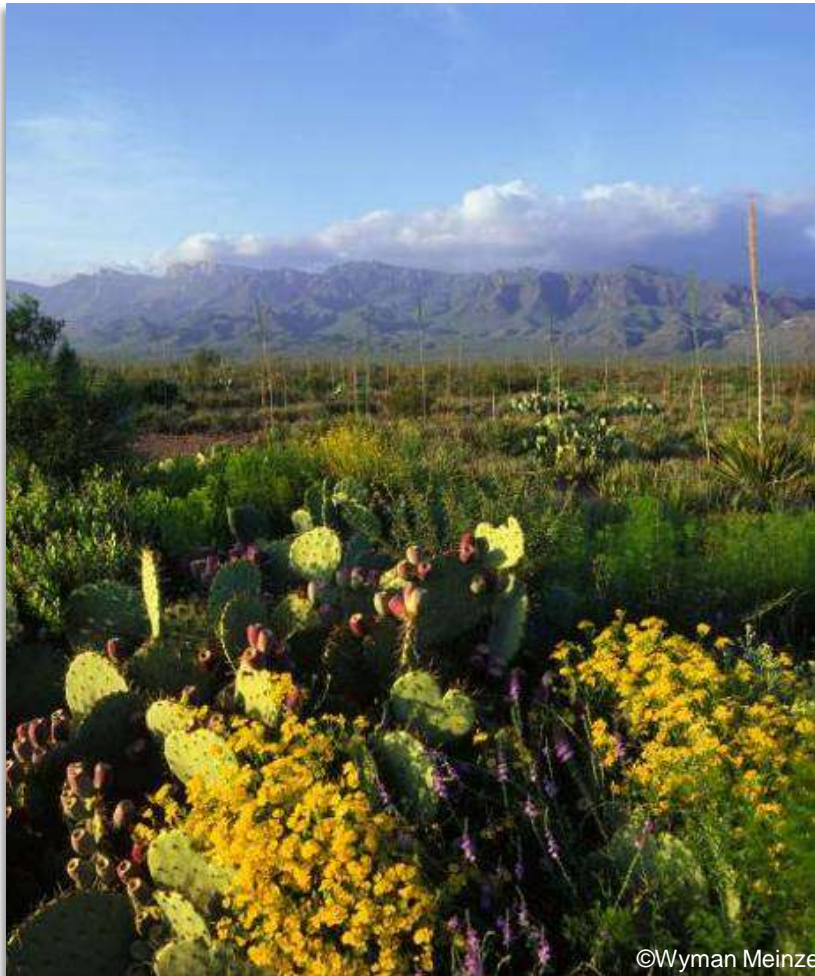
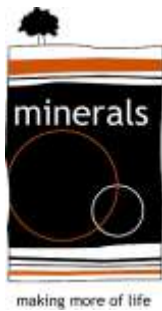
El Carmen, *Transboundary Conservation Initiative*



El Carmen – Big Bend, *Conservation and Wildlife Corridor*



El Carmen, *Transboundary Conservation Initiative*



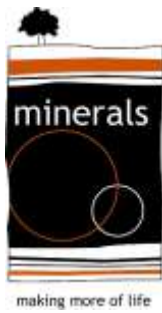
El Carmen contributes to sustainable ecosystems and biodiversity conservation.

- **Baseline Inventory**

Species Richness:

- 500 Plants Identified
- 289 Species of Birds
- 81 Species of Reptiles and Amphibians
- 78 Species of Mammals
- 140 Species of Butterflies

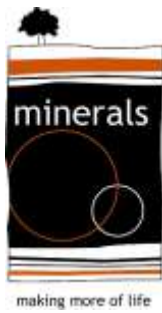
El Carmen, *Transboundary Conservation Initiative*



Government Agencies
SEMARNAT - Mexico
USDA-NRCS - USA
2008

- **Baseline Inventory**
- **Scientific Research**
- **Long-term Management Plan**
- **Habitat Restoration**
- **Wildlife Restoration**
- **Conservation Partnerships with NGOs, Governments and neighbors**

CEMEX-BirdLife Global Partnership



A global partnership that helps to address biodiversity challenges

- Biodiversity strategy and policy: CEMEX and BirdLife alignment
- Appropriate management practices
- Collaborative conservation actions at site level and nationally
- Enhanced awareness, knowledge and skills
- Stakeholder engagement



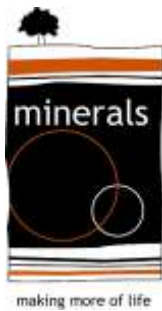
Areas of Activity



- **Annual Birdwatch Events and Photographic Competitions**
 - Cultivating awareness
 - Building relationships
- **Biodiversity Strategy development, through**
 - Biodiversity Action Plan development to meet CEMEX corporate target
 - Pilot site BAP projects in collaboration with BirdLife Partners (to scale up globally)
 - Implementation and Action Planning at operations
- **Collaborative Projects**
 - Prioritized biodiversity conservation
 - Community-oriented environmental education
 - Multi-faceted sustainable development initiatives: site safeguard; capacity building; sustainable livelihood
 - National IBA Programs and global conservation initiatives:
 - Flyways, Forests of Hope, IBAs; Climate Change, Carbon and REDD; PEP - Species Champions

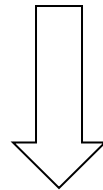
Biodiversity Scoping Study

A Cornerstone for the Biodiversity Strategy



543 sites over the world,
How to prioritize action through partnership?

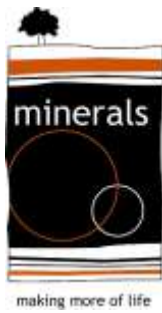
- Highlight partners' convergent priorities
- Create interest and trigger action
- Focus resources allocation



Scoping Study: Focus action on the sites where biodiversity action is more relevant considering:

- Physical proximity to areas of biodiversity importance
- Current practices in place

Propelled by a robust 3 step methodology



Step 1:

Mapping

Classification of CX sites according to their proximity to areas of high biodiversity value

543 CX Sites
against
97,000 Biodiversity Areas

131 overlap areas of high biodiversity value

412 near/far areas of high biodiversity value

Step 2:

Categorize CX sites according to biodiversity importance of overlapped areas

22 overlap GLOBAL biodiversity importance sites

44 overlap REGIONAL biodiversity importance sites

65 overlap NATIONAL biodiversity importance sites

Step 3:

Analysis CX sites management plans in place to address biodiversity issues

12 sites with potential to enhance biodiversity

10 sites addressing biodiversity potential

25 sites with potential to enhance biodiversity

19 sites addressing biodiversity potential

33 sites with potential to enhance biodiversity

32 sites addressing biodiversity potential

Biodiversity Sensitivity

Biodiversity Scoping Study: Outcomes

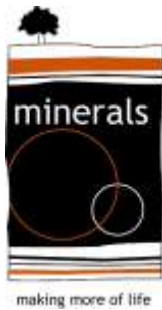
- List of priority and overlapping sites where to focus action (Biodiversity Action Plans)
- Highlighting of regional issues (e.g. area designations, management practices)
- Analytical Tools for operations (databases)
- Reliable data for performance reporting
- Identification of best practices

Areas of biodiversity importance (in green and purple)

Site



Biodiversity Scoping Study: Use at country level UK example



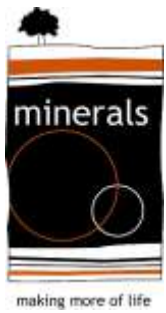
CEMEX UK - RSPB Partnership:

- Develop CEMEX UK Biodiversity Strategy – launched September 2010
- Develop Biodiversity Action Plans for key sites
- Provide expert advice to assist with application of mitigation hierarchy, including the restoration of quarries
- Training and engagement of employees

Use of the Biodiversity Scoping Study:

- Contribute to estate survey – site prioritization at national level
- Pilot sites for defining a Biodiversity Action Plan standard for use at global level:
 - Middleton, Upper Teesdale, England
 - Sotopajares, Madrid, Spain (with SEO/BirdLife Spain)
- Natura 2000 sites
- Provide data for site Biodiversity Action Plans

Aimed at preserving biodiversity around all our cement & aggregates operations worldwide



Corona AGG overlaps Cleveland National Forest.
(Quino Checkerspot Butterfly)



Las Salinas Barahona overlaps Cabral Lagoon.
(Hispaniolan Parakeet)



Wangford Plant overlaps Suffolk Coast.
(Natterjack toad)



Detmarovice overlaps Hermansky stav pond-Struzka wetlands.
(Black-tailed Godwit)



Planta Agregados Querétaro overlaps "El Cimatarío".
(White sided jackrabbit)



Bucaramanga-La Nacuna overlaps "Bosques Secos".
(Chestnut-bellied Hummingbird)



Beauvilliers overlaps Vallée de la Conie et Beauce.
(European Honey-buzzard)



Kelantan Plant overlaps Gombak-Sungai Lalang Forest.
(Blue-banded Kingfisher)



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