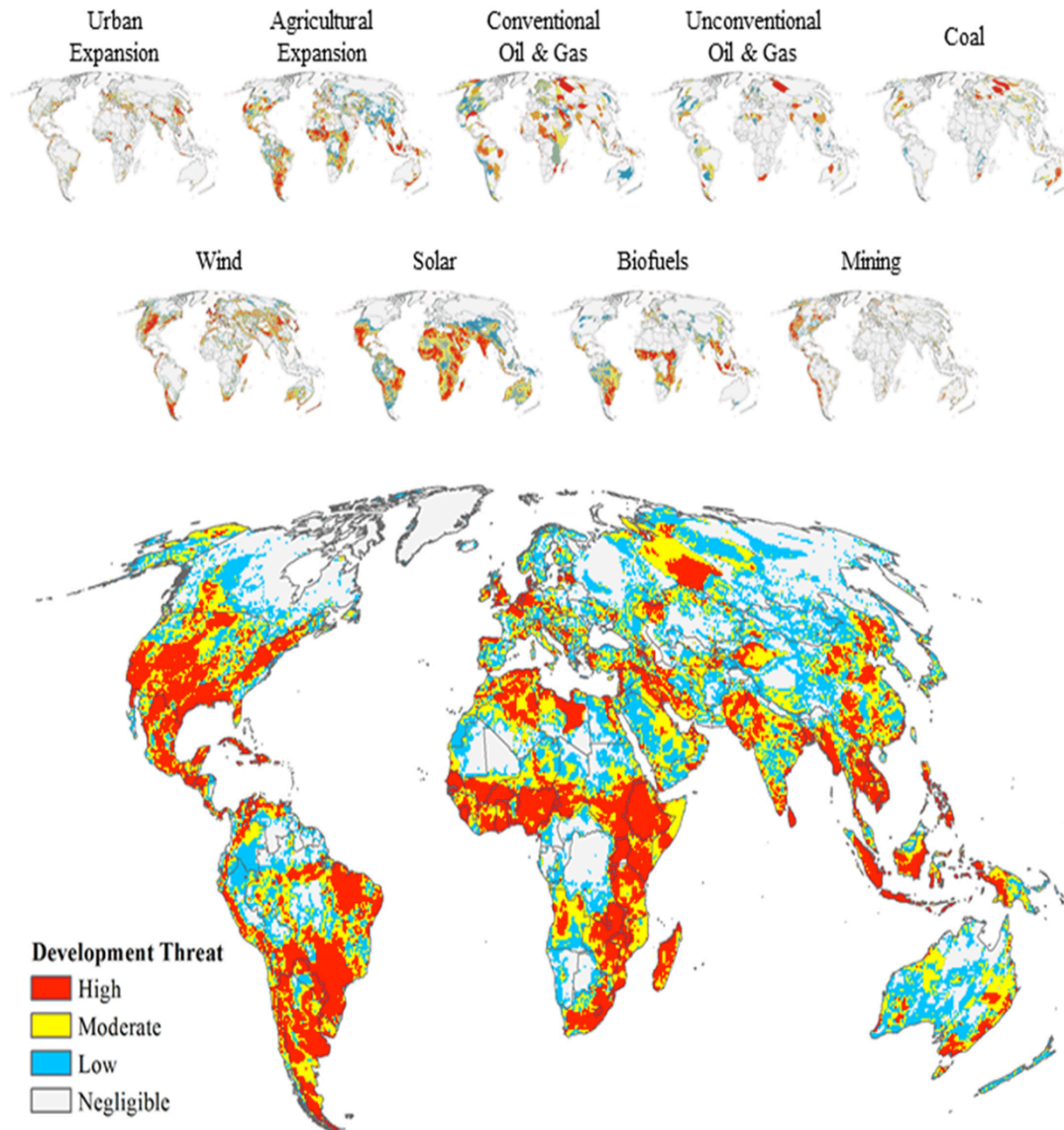


Sustainable Development at a Landscape Scale: Mitigation Principles and Policies

Bruce McKenney
Director, Development by Design
The Nature Conservancy

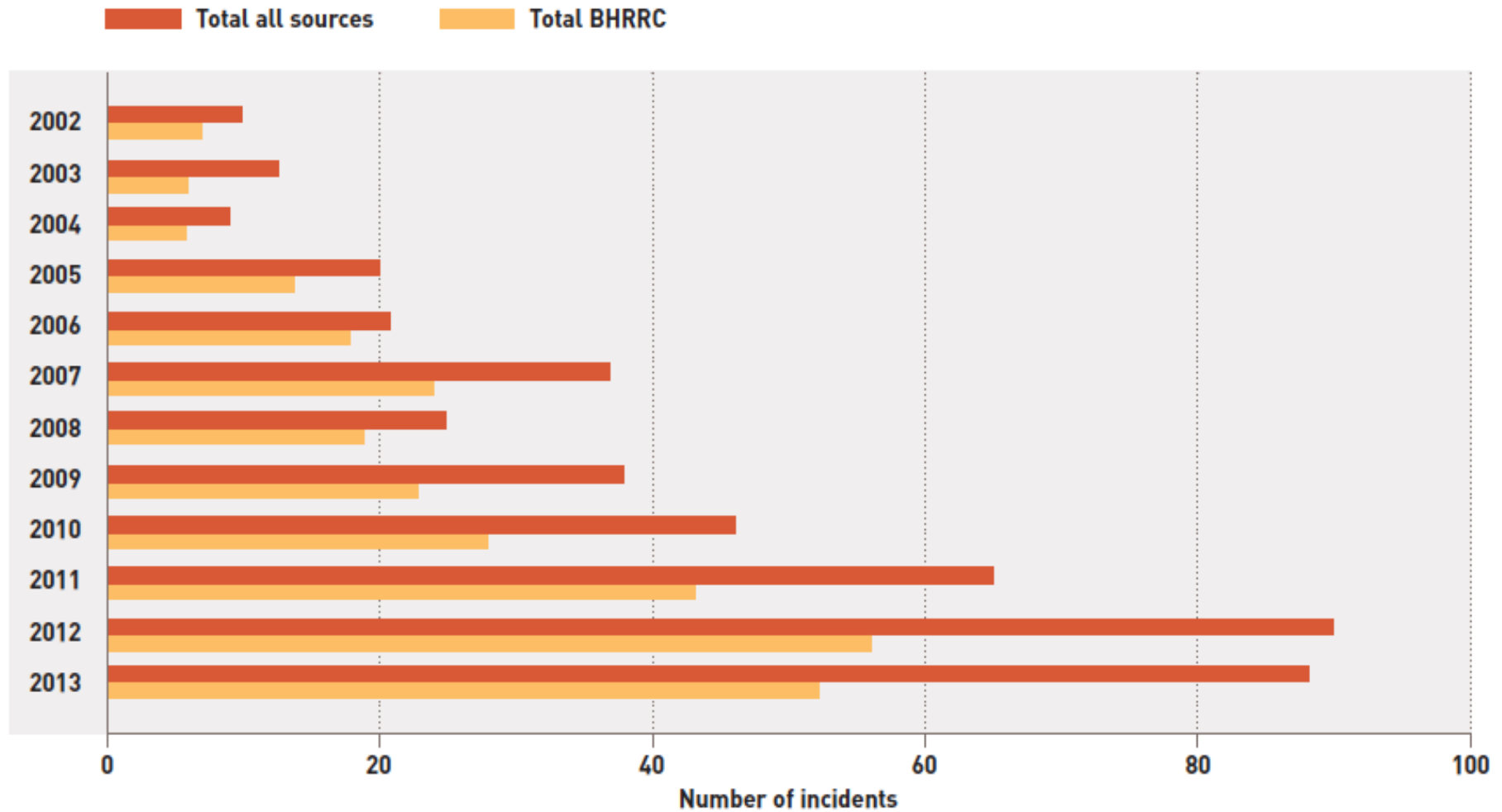
IAIA Meeting
December 3, 2015

Global Future Development Threat: 20 Percent of Natural Lands at Risk



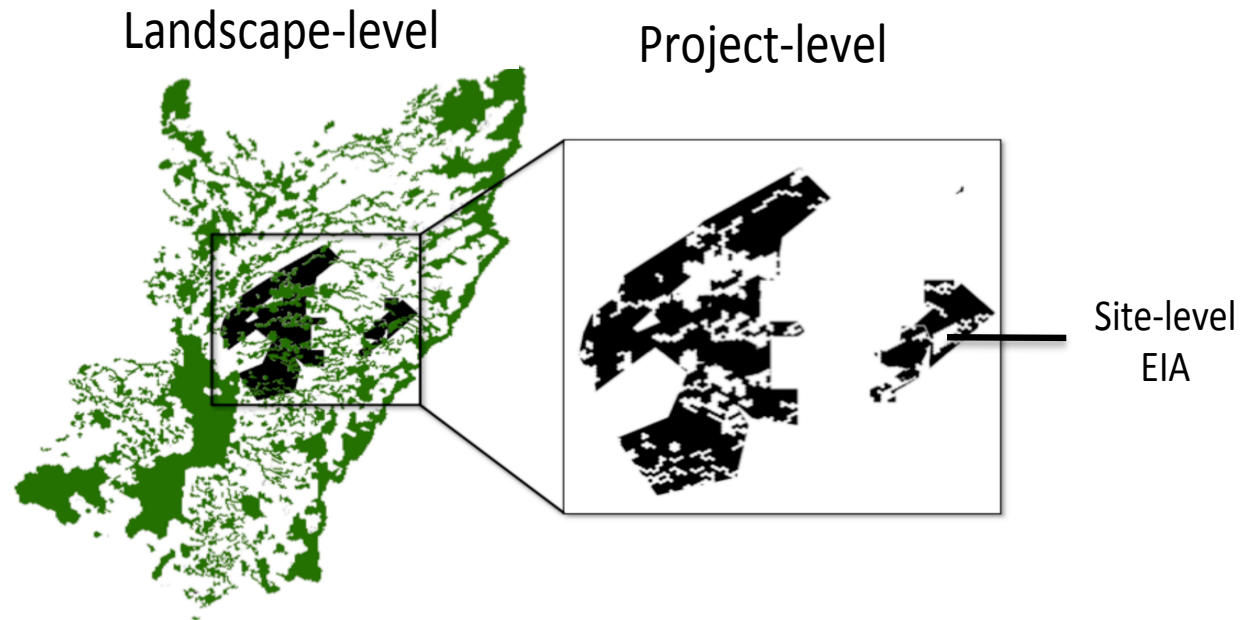
Increasing Conflict Around the World: Example of Mining Sector

Figure 1: Incidents of company–community conflict (2002–2013)



Source: ICMM 2015

The ABCs: Landscape-scale planning benefits



Advance planning:

Planning at a landscape scale before initial project investments supports pro-active and comprehensive risk assessment for projects.

Bigger scale:

Planning for development at a larger scale moves beyond a project-by-project approach, making clear the potential cumulative impacts for a region.

Comprehensive:

Developing landscape-scale strategies supports avoiding impacts to high-value areas and incentivizing development in low-conflict areas.

10 Principles for Applying the Mitigation Hierarchy

1. Landscape context
2. Goals
3. Mitigation hierarchy steps
4. Limits to offsets
5. Sustainable outcomes
6. Stakeholder engagement practices
7. Additionality
8. Equivalence
9. Location
10. Temporal considerations





US policy: “The next generation of mitigation”

White House

- Executive Order 13604 (March 2012)
- Presidential Memorandum: Mitigating Impacts on Natural Resources from Development and Encouraging Related Private Investment (Nov 2015)

DOI

- Secretarial Order on Mitigation (Oct 2013)
- Strategy for Improving the Mitigation Policies and Practices of DOI (Apr 2014)
- Departmental Manual: Implementing Mitigation at a Landscape Scale (Nov 2015)

FWS

- Update to 1981 Mitigation Policy
- Update to 2003 Banking Policy
- Policy on Mitigation for Candidate Species

BLM

- Regional Mitigation Policy (draft 2013, final late-2015)
- Handbook for Implementing Regional Mitigation Policy (late 2015)

USFS

- USFS Chief Letter: National Landscape-Scale Mitigation Framework

US Policies in 2015

The White House
Office of the Press Secretary

For Immediate Release

November 03, 2015

Presidential Memorandum: Mitigating Impacts on Natural Resources from Development and Encouraging Related Private Investment

Department of the Interior Departmental Manual

Effective Date: 10/23/2015

Series: Public Lands

Part 600: Public Land Policy

Chapter 6: Implementing Mitigation at the Landscape-scale

Requires agencies to:

- Follow full mitigation hierarchy
- Avoid impacts to irreplaceable resources
- Set a “net benefit goal”
- Ensure mitigation is additional and durable
- Set measurable performance standards

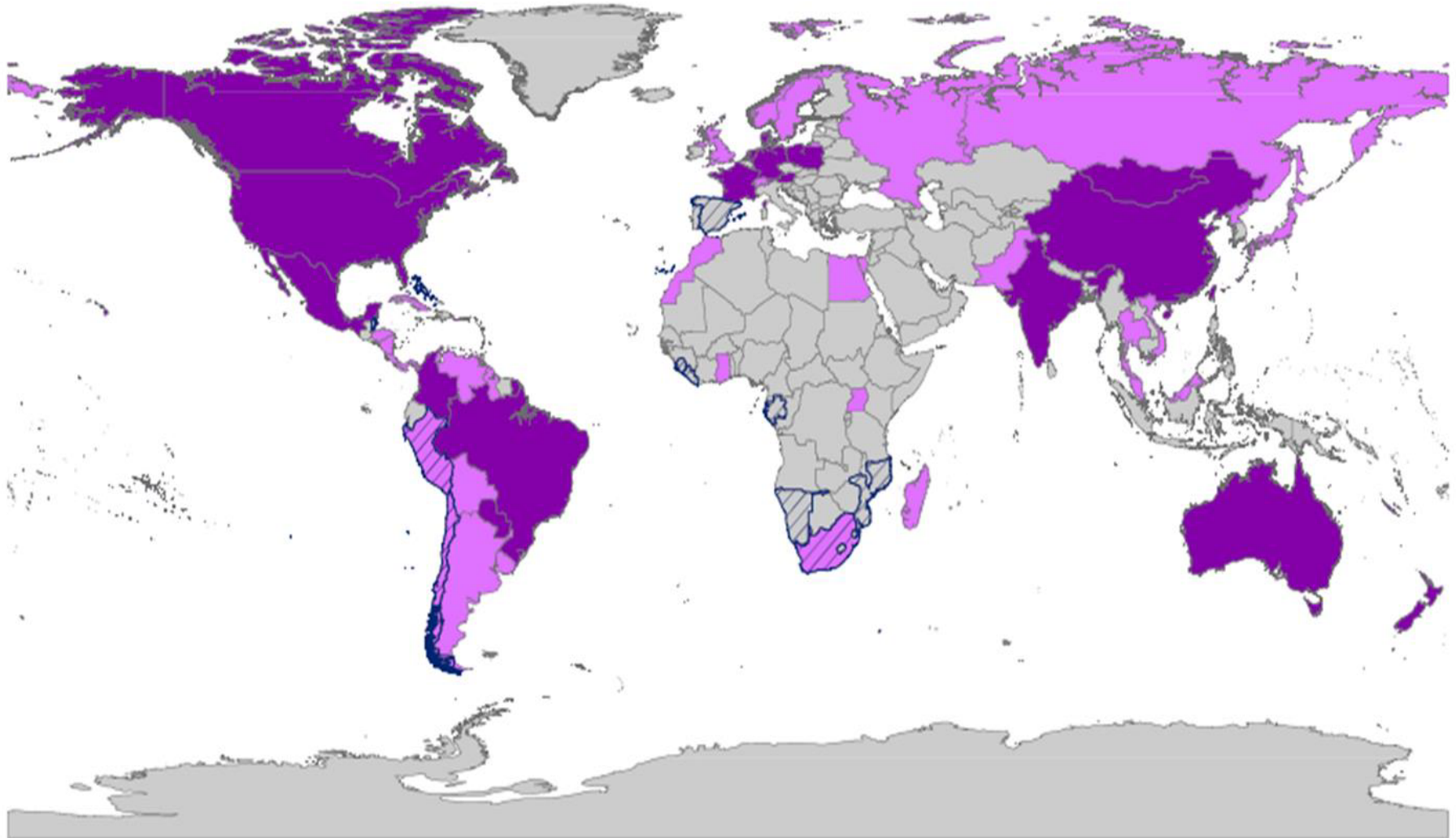
DOI:

- Use a landscape-scale approach to consider impacts and prioritize mitigation objectives
- Promote mitigation actions that help address climate change effects; improve resilience

56 countries have or are developing policies for offsets

dark purple = current policies or regulations requiring offsets
light purple = current policies or regulations enabling offset
blue hatch = developing policies

the biodiversity consultancy



Source: The Biodiversity Consultancy. 2013. Government policies on biodiversity offsets. Cambridge, UK

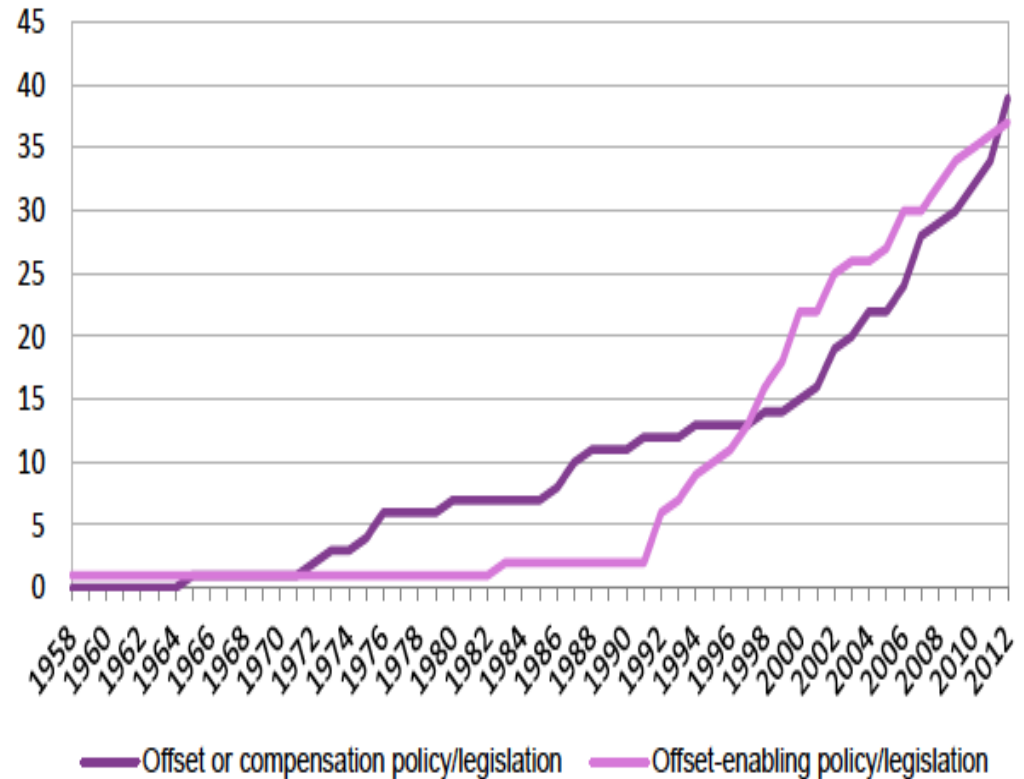


Rise of Offset Policies

MANUAL PARA LA ASIGNACION DE COMPENSACIONES POR PÉRDIDA DE BIODIVERSIDAD



Documento elaborado en el contexto del Convenio de Asociación No.09 de 2008 suscrito entre el Ministerio de Ambiente, Vivienda y Desarrollo Territorial, The Nature Conservancy – TNC World Wildlife Fund – WWF y Conservación Internacional – CI



OPEN ACCESS Freely available online



Policy Development for Environmental Licensing and Biodiversity Offsets in Latin America

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* Does not include 17 offset policies under development

Source: The Biodiversity Consultancy. 2013. Government policies on biodiversity offsets. Cambridge, UK

Call to Action

- Ensure key mitigation principles in development and mitigation policies
- Collective leadership to promote development and mitigation planning:
 - At a landscape scale;
 - In advance of major project decisions;
 - For a more comprehensive set of values, functions, and goals.



COMMITTED TO
IMPROVING THE STATE
OF THE WORLD

*Blueprints for a
Greener Footprint:
Sustainable
Development at a
Landscape Scale
(December 2015)*