ABCG DRC Mining workshop 11-12 October

# Mining & biodiversity overlaps in DRC

Tuesday October 11, 2011

Mahlette Betre, Conrad Savy, Peter Veit , Anne-Gaelle Javelle & Pascal Douard

CONSERVATION INTERNATIONAL

- Objectives
- Priorities & permits: what are they?
- What is the overlap between them?
- How we could respond?

# Overview

- **Objective** of this assessment:
  - Is there an overlap?
  - Where is the overlap taking place?

- **Methodology:**
  - Selected a sub-set of conservation priorities in DRC : Protected areas, Key Biodiversity areas and AZE sites
  - Obtained data on Mine permits in DRC
  - Using GIS, overlaid datasets

- **Caveats:**
  - This is an initial desktop assessment to inform our discussion
  - Needs ground-truthing by DRC experts
  - Not a comprehensive review of all data on potential conservation priorities

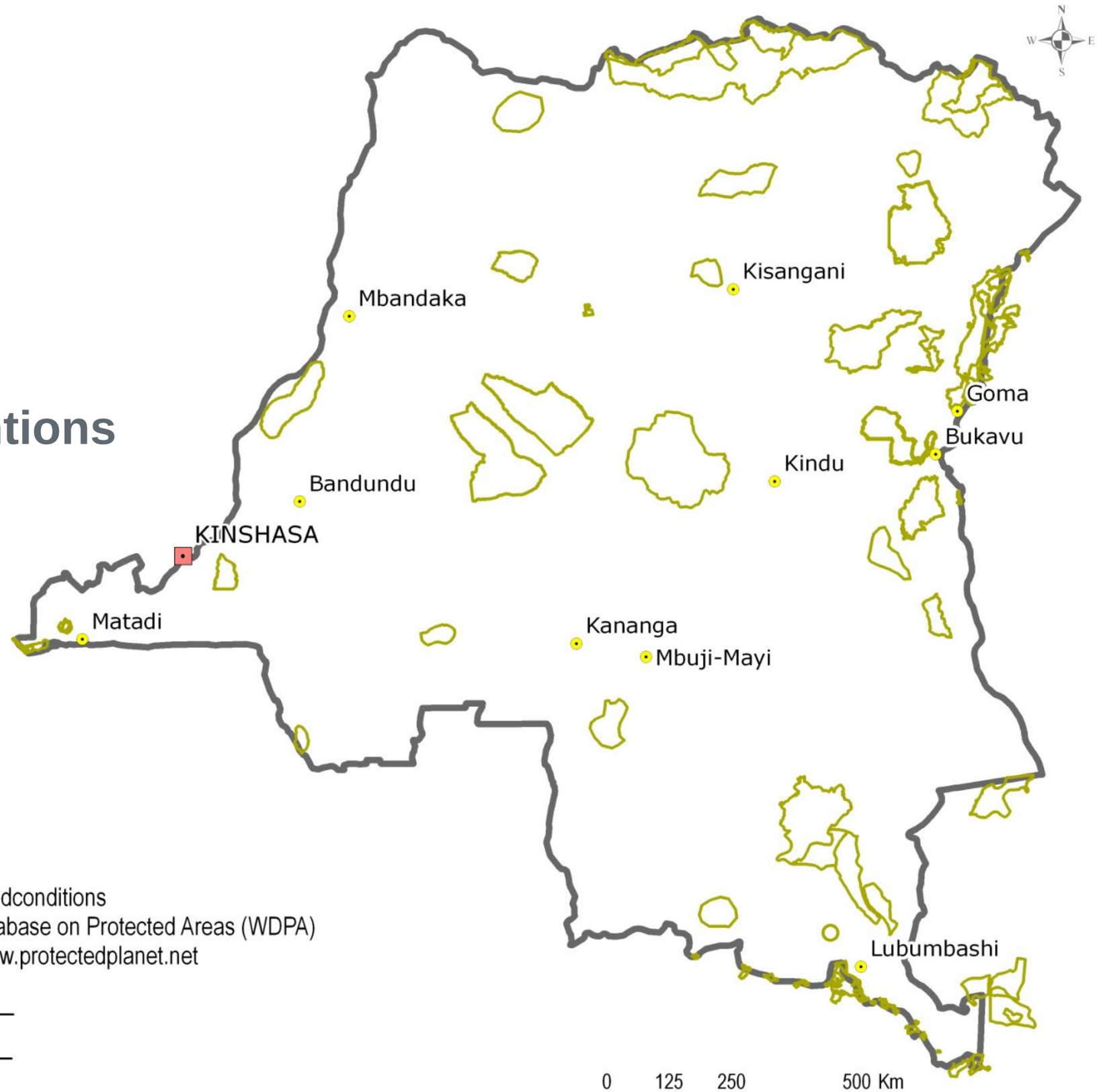
# Objectives

# Democratic Republic of Congo: Conservation Priority Areas

Conservation Priority Area

World Database on Protected Area

- **8% land PA**
- **46 PA's**
  - **10 Intl Conventions**
  - **36 Nat'l law**




Sources:
- WDPA: http://www.protectedplanet.net/termsandconditions
IUCN and UNEP-WCMC (2010), The World Database on Protected Areas (WDPA)
Cambridge, UK: UNEP- WCMC. Available at:www.protectedplanet.net
- Towns: DIAF, WRI, 2010

October 2011

CONSERVATION INTERNATIONAL

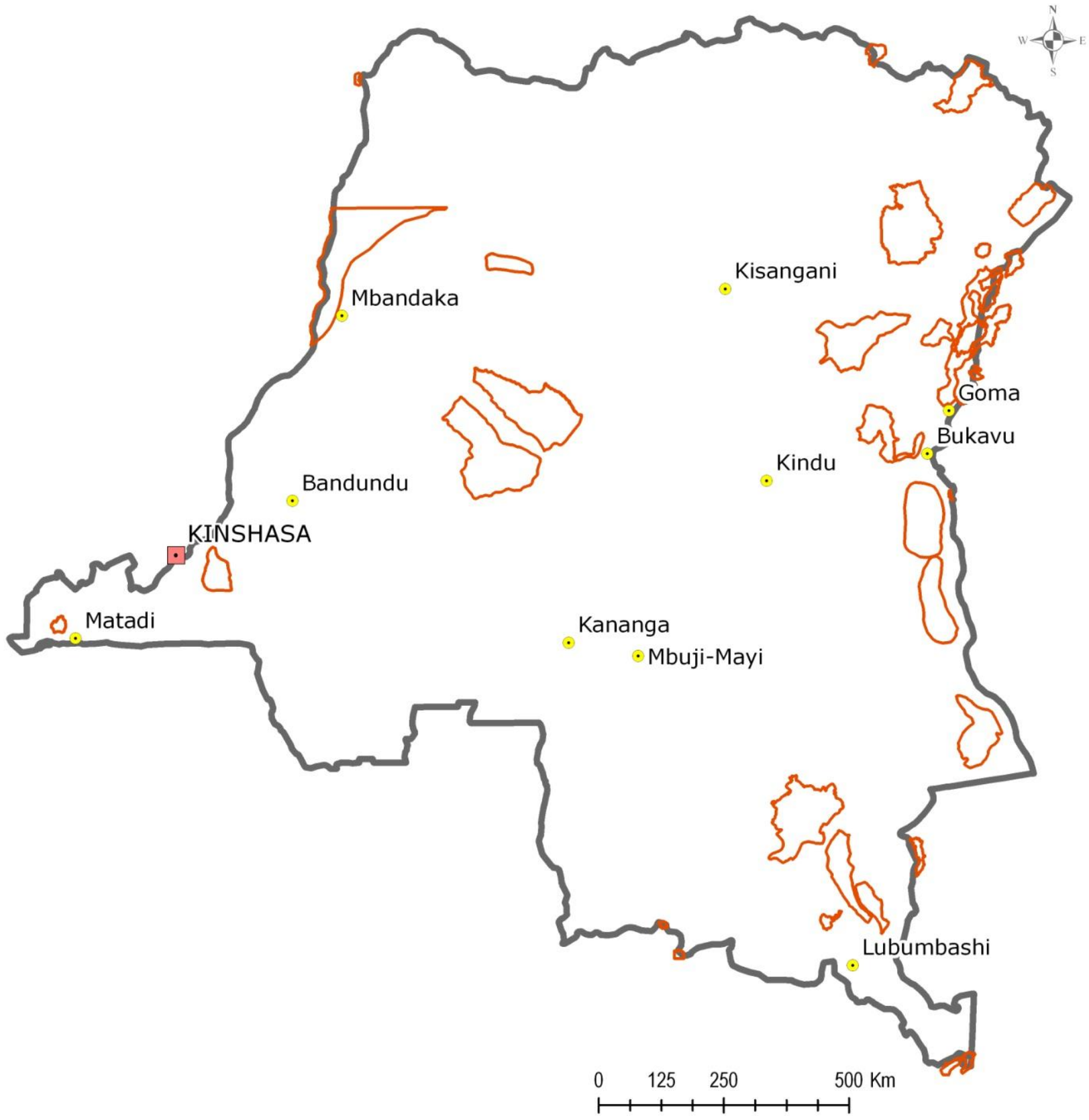
WORLD RESOURCES INSTITUTE

# Democratic Republic of Congo: Conservation Priority Areas

Conservation Priority Area

Key Biodiveristy Area

- **21 KBA's**




Sources:
- KBA: BirdLife International
- Towns: DIAF, WRI, 2010

October 2011

CONSERVATION INTERNATIONAL

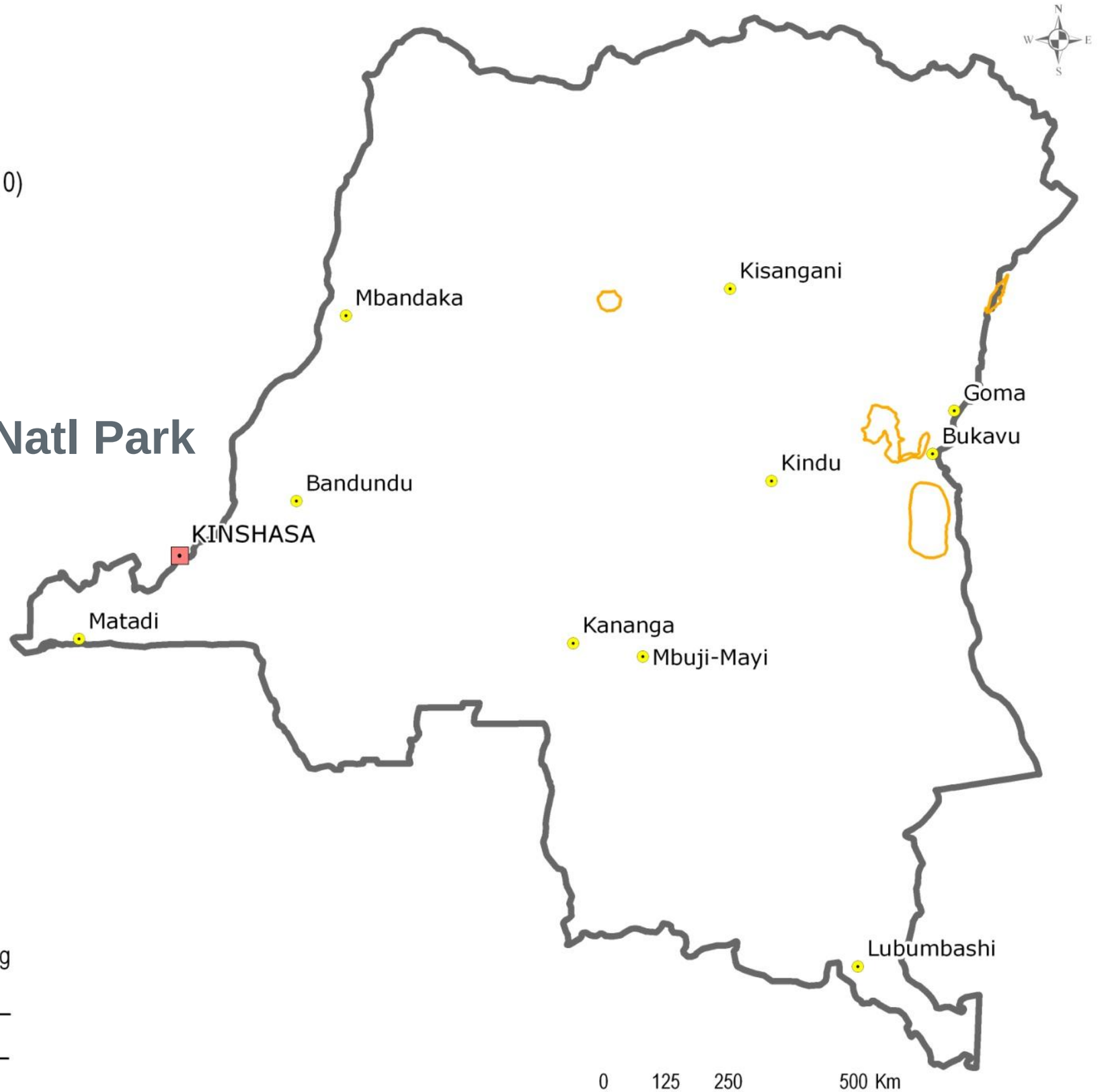
WORLD RESOURCES INSTITUTE

# Democratic Republic of Congo: Conservation Priority Areas

Conservation Priority Area

Alliance for Zero Extinction Sites (2010)

- **3 AZE sites**
  - **Scierie Forest**
  - **Kahuzi-Biega Natl Park**
  - **Itombwe Mtns**




Sources:
- AZE: AZE Update, 2010, www.zeroextinction.org
- Towns: DIAF, WRI, 2010

October 2011

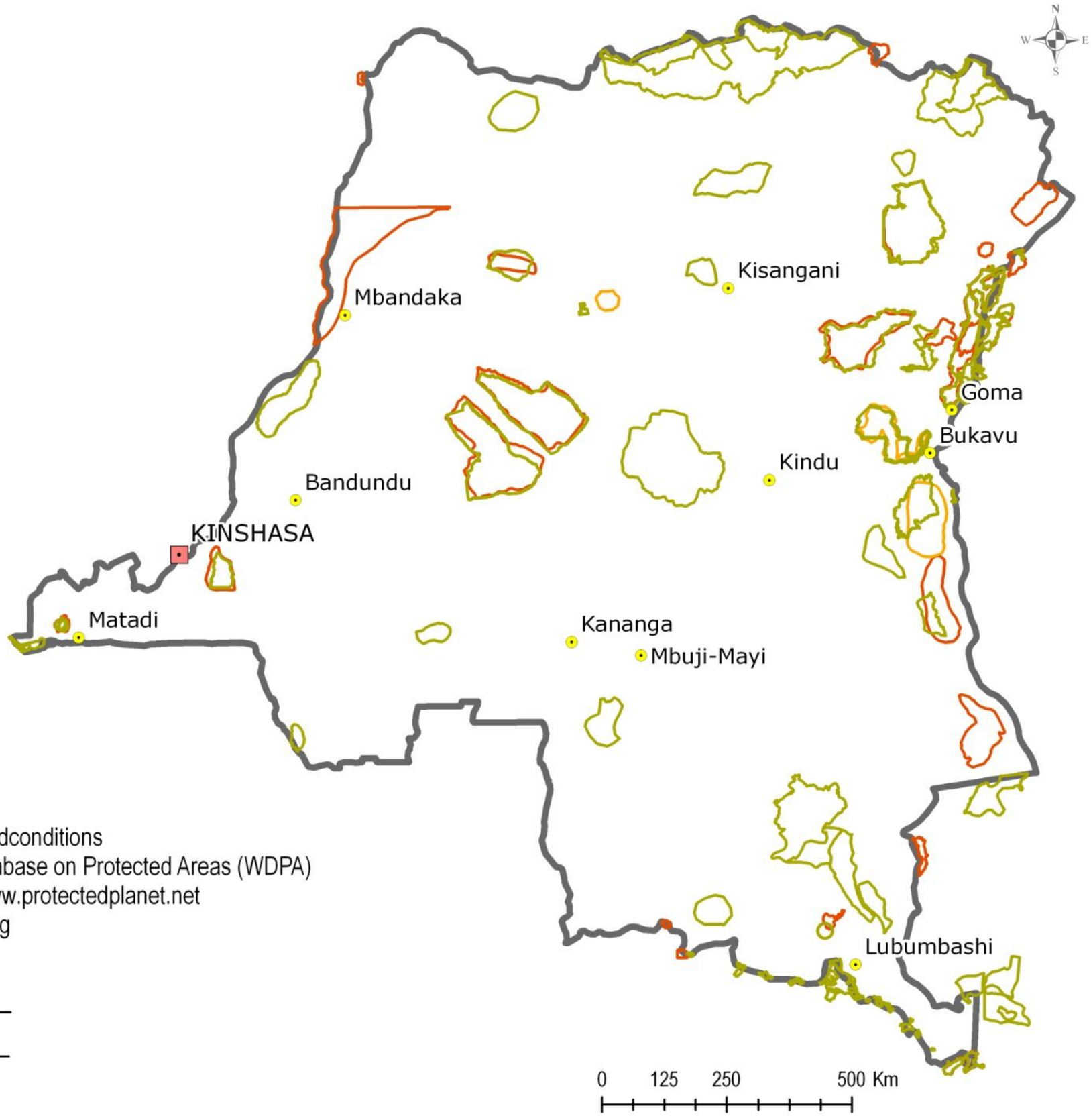
CONSERVATION INTERNATIONAL

WORLD RESOURCES INSTITUTE

# Democratic Republic of Congo: Conservation Priority Areas

Conservation Priority Area

- World Database on Protected Area
- Alliance for Zero Extinction Sites
- Key Biodiveristy Area




Sources:
- WDPA: http://www.protectedplanet.net/termsandconditions
IUCN and UNEP-WCMC (2010), The World Database on Protected Areas (WDPA)
Cambridge, UK: UNEP- WCMC. Available at: www.protectedplanet.net
- AZE: AZE Update, 2010, www.zeroextinction.org
- KBA: BirdLife International
- Towns: DIAF, WRI, 2010

October 2011

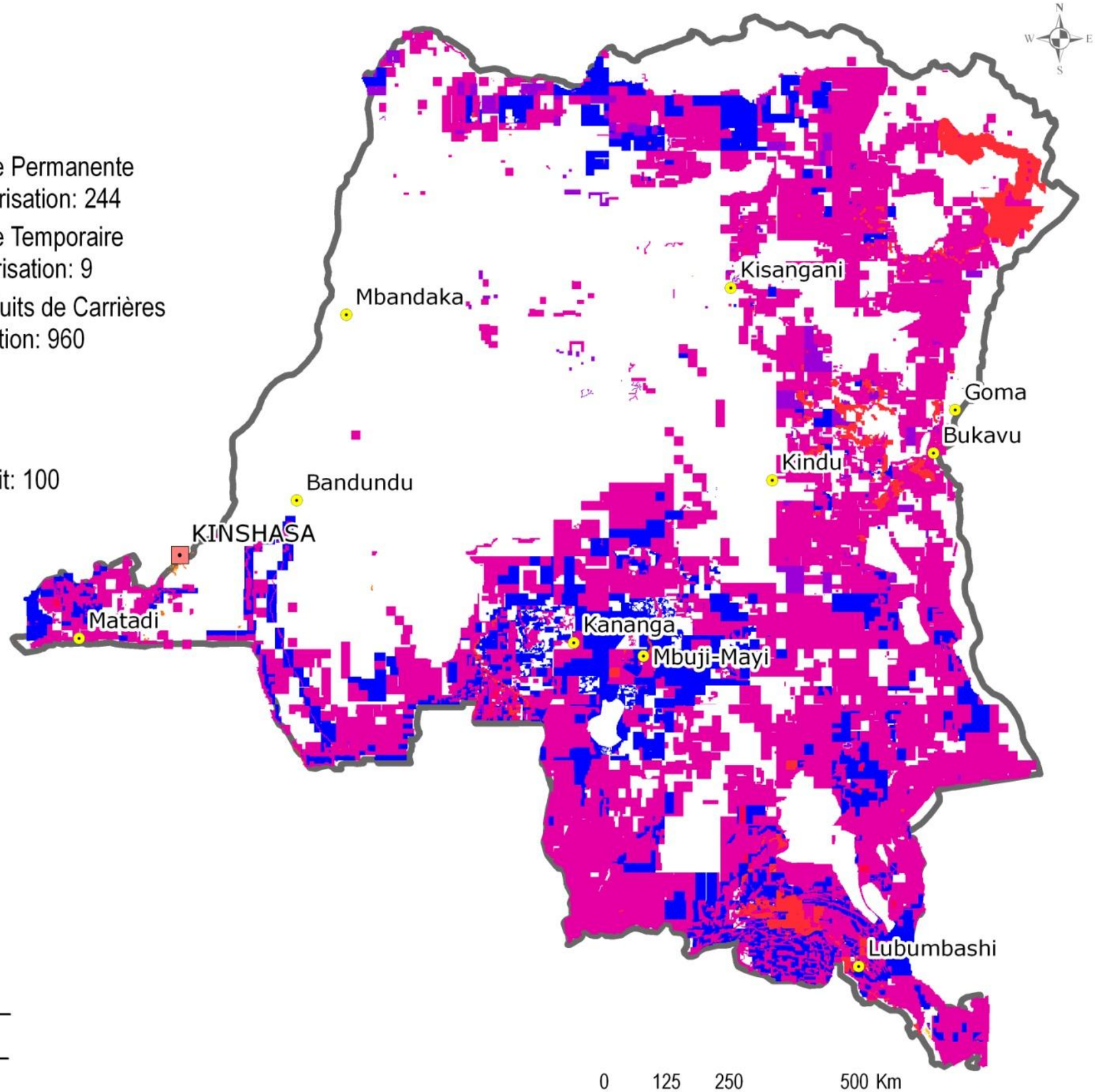
CONSERVATION INTERNATIONAL

WORLD RESOURCES INSTITUTE

# Democratic Republic of Congo: Mining Permits

Mining Permits

- Autorisation d'Exploitation de Carrière Permanente
  Permanent Quarry Exploitation Authorisation: 244
- Autorisation d'Exploitation de Carrière Temporaire
  Temporary Quarry Exploitation Authorisation: 9
- Autorisation de Recherches des Produits de Carrières
  Quarry Product Exploration Authorisation: 960
- Permis d'Exploitation
  Exploitation Permit: 442
- Permis d'Exploitation de Petite Mine
  Small-scale Mining Exploitation Permit: 100
- Permis d'Exploitation des Rejets
  Tailings Processing Permit: 21
- Permis de Recherches
  Exploration Permit: 4221
- Zone d'Exploitation Artisanale
  Artisanal Exploitation Area: 240
- Zone de Recherches Géologiques
  Geological Exploration Area: 1495




Sources:
- Mining permits: Ministry of Mines, DRC, 2011
- Towns: DIAF, WRI, 2010

October 2011

CONSERVATION INTERNATIONAL

WORLD RESOURCES INSTITUTE

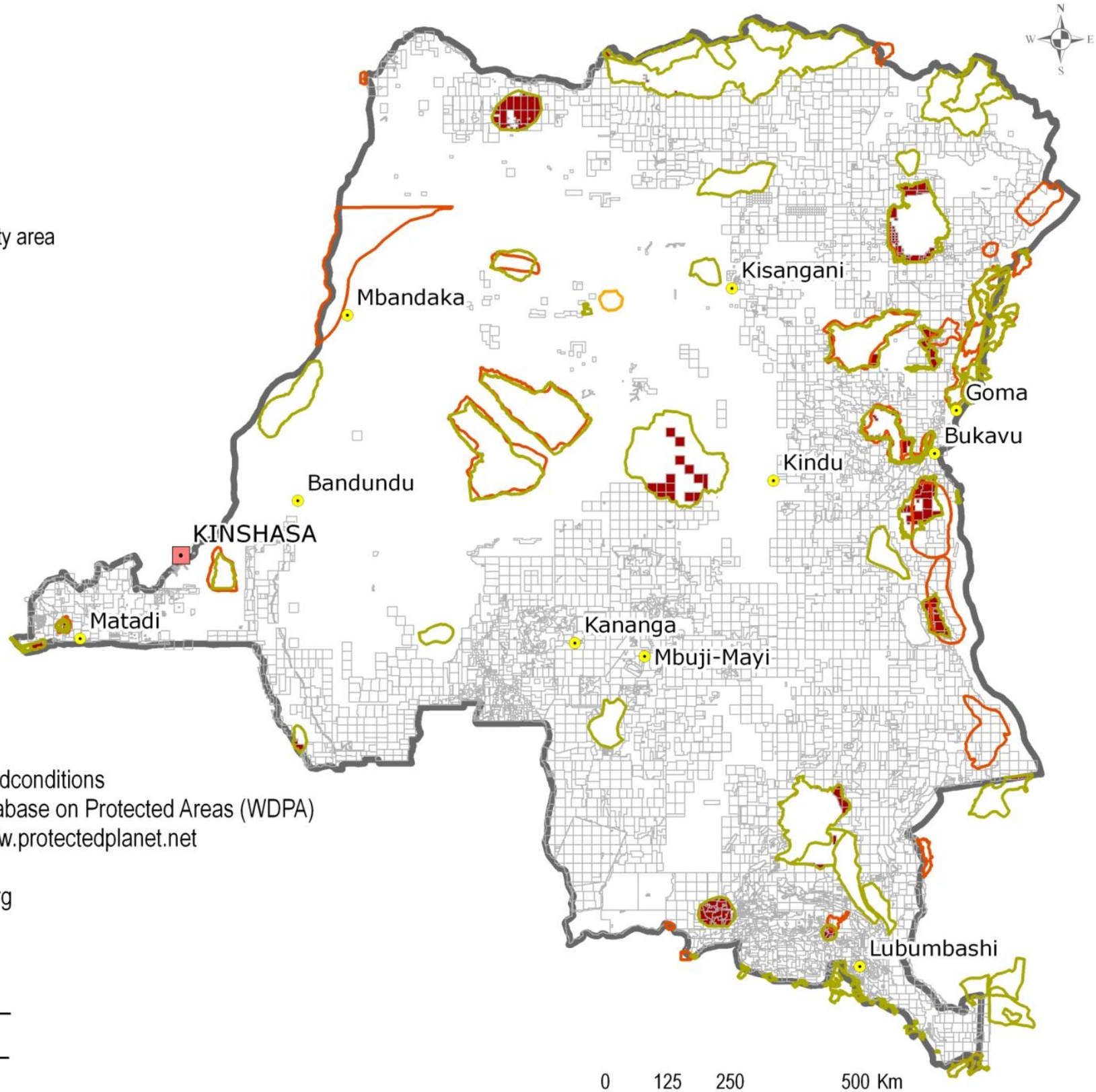
# Democratic Republic of Congo: Mining Permits on Conservated Priority Area

## Mining permit

- Mining permit
- Mining permit located in a conservated priority area

## Conservation Priority Area

- World Database on Protected Area
- Key Biodiveristy Area
- Alliance for Zero Extinction Sites




Sources:
- WDPA: http://www.protectedplanet.net/termsandconditions
IUCN and UNEP-WCMC (2010), The World Database on Protected Areas (WDPA)
Cambridge, UK: UNEP- WCMC. Available at:www.protectedplanet.net
- KBA: BirdLife International
- AZE: AZE Update, 2010, www.zeroextinction.org
- Towns: DIAF, WRI, 2010
- Mining permits: Ministry of Mines, DRC, 2011
- Towns: DIAF, WRI, 2010

October 2011

CONSERVATION INTERNATIONAL

WORLD RESOURCES INSTITUTE

- This is only an initial picture of potential issues. Should look at:
  - Degree of overlap
  - Protected area categories
  - Additional conservation priorities datasets
  - Water catchments
  - Analysis of companies – national vs foreign, junior vs major (WRI analysis)
    - ICMM members, IFC financed?
  - Data on Artisanal mining

- Next question is: how do we respond? How do we engage these companies?

# Further Analysis

**WHAT:**

- Promote Best Practices e.g. ICMM, IFC Performance Standards, CASM
- Examine Supply Chain, Market and legal mechanisms that drive suppliers e.g. Love Earth, Walmart; Dodd –Frank Act.

**WHO:**

- **C**ompanies
- International Associations e.g. ICMM, PDAC
- National Policy Makers

**HOW**

- Workshop in DRC
- Translation of Materials

# How could we respond

Thank you

# IFC Performance Standard 6

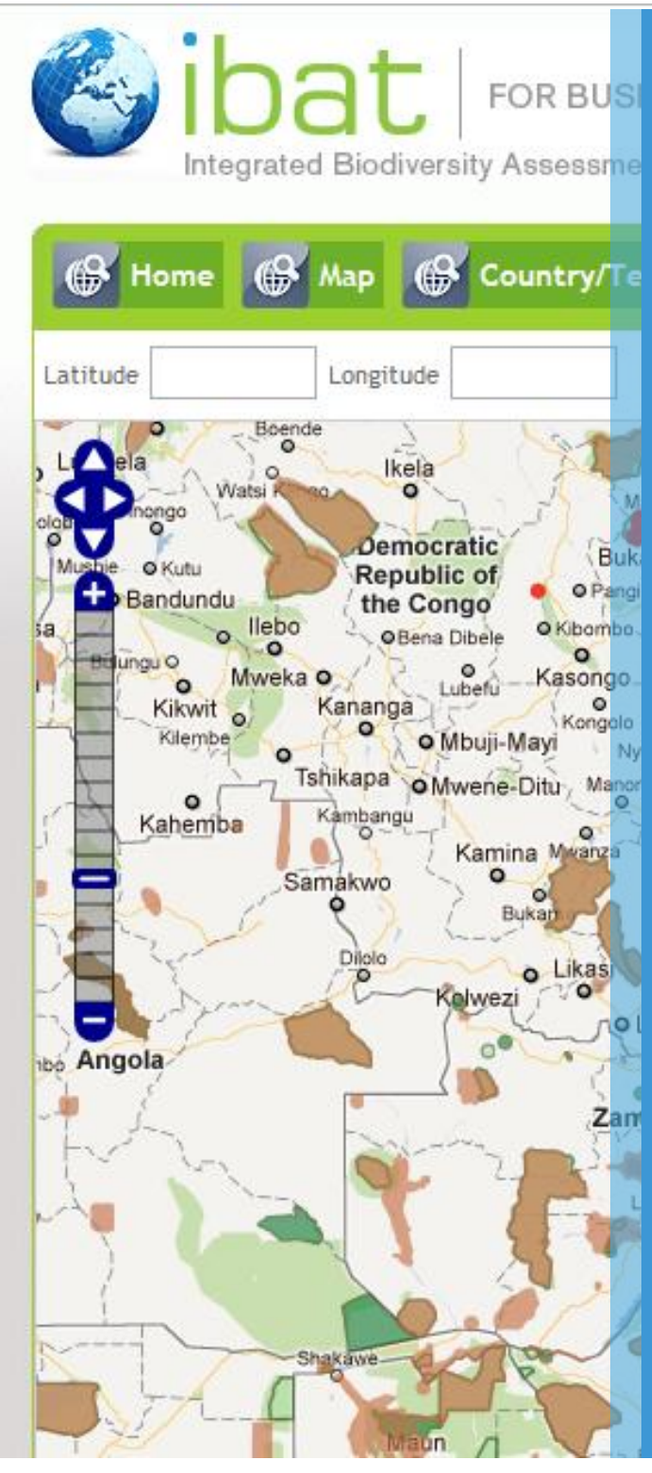
- As an example of how an investment safeguard would apply let’s look at the International Finance Corporation (IFC), private sector lending arm of World bank group.
- 8 performance standards (PS) for screening and guiding projects; reference standard for private sector project financing via the Equator Principles  (72 institutions); recognized as leading best practice safeguard
- PS6: Biodiversity Conservation & Sustainable Management of Living Natural Resources. Objective: “To protect and conserve biodiversity; To maintain the benefits from ecosystem services; To promote the sustainable management of living natural resources through the adoption of practices that integrate conservation needs and development priorities.”
- Appropriate external experts required to review aspects of critical habitat assessment, impact mitigation and stewardship
- Function  through defining categories of important areas that trigger certain assessment and mitigation requirements

- The conservation priorities used in this analysis are explicitly referred to by IFC PS6 as “legally protected area or an internationally recognized area” (see IFC PS6, para 20):
  - **Legally protected areas**: “meet the IUCN definition…For the purposes of this Performance Standard, this includes areas proposed by governments for such designation.”
  - **Internationally recognized areas:** “Exclusively defined as UNESCO Natural World Heritage Sites,….Man nd the Biosphere Reserves, Key Biodiversity Areas, and wetlands designated under ….the Ramsar Convention...”

- Where proposed projects occur in these areas they will need to meet all requirements related to natural and critical habitats. They will also have to:

- “Demonstrate that the proposed development in such areas is legally permitted;
- Act in a manner consistent with any government recognized management plans for such areas;
- Consult protected area sponsors and managers, Affected Communities, Indigenous Peoples and other stakeholders on the proposed project, as appropriate; and
- Implement additional programs, as appropriate, to promote and enhance the conservation aims and effective management of the area.”

# Response to overlap




- CI, BirdLife International, IUCN & UNEP-WCMC
- Dynamic online spatial tool bring together available data on species, protected areas and KBAs
- Supports project intersection analysis to inform risk screening and scoping for further assessment
- One of a set of tools e.g. Conservation version launched to support NBSAP
- Opportunity to include ecosystem service data being explored (e.g. freshwater)

# IBAT for Business