



Brief Overview of Uranium Mining and Milling Activities in Namibia

**2008 NMA/NRC Uranium Recovery
Workshop**

29-30 April, Denver , Colorado



Namibia



Population: 2.1 Mil

Territory : 825 000 km²

**Main Sectors: Mining,
Fisheries, Agriculture,
Tourism**





Mining's Contribution to the Economy

11.7 % GDP (2006)

**50% Exports Earnings
(2006)**

Diamonds

- **6% of world production in value**
- **95-98% gem quality**

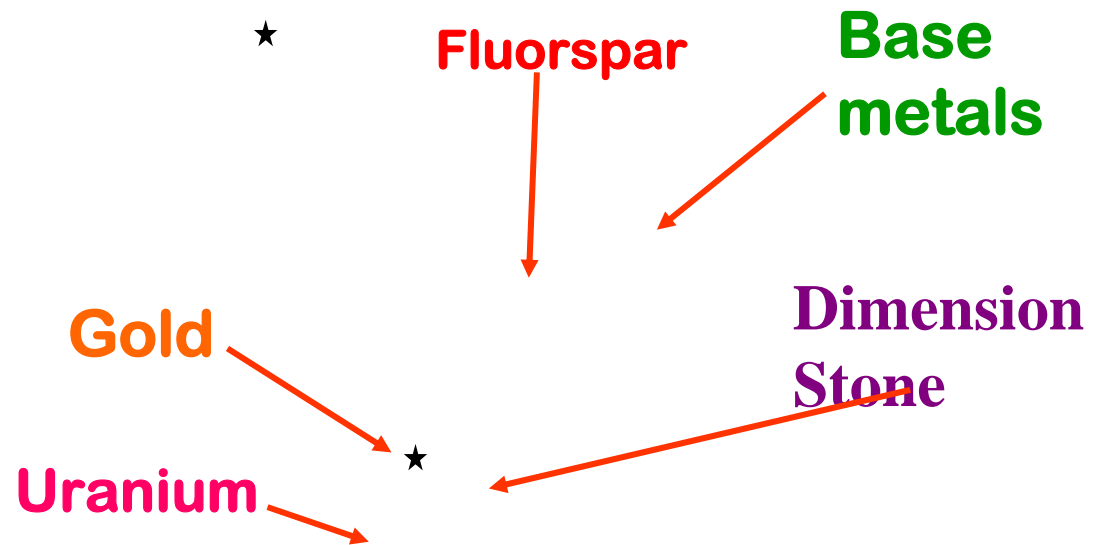


Minerals mined and exported

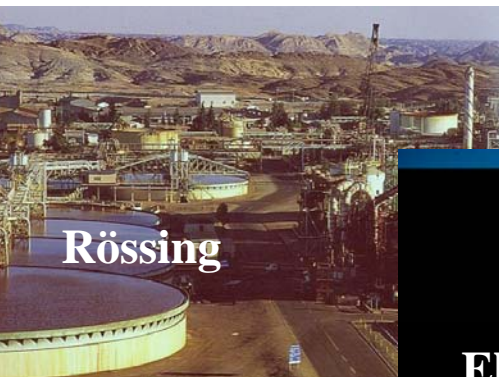
- Diamonds
- Uranium
- Base and Rare metals
- Gold and Silver
- Industrial minerals
- Semi-precious stones
- Dimension stone
- Mineral specimens



MAJOR ACTIVE MINES IN NAMIBA



Navachab



Rössing

Elizabeth Bay



Legislation Based On Two Acts

- 1. Minerals (Prospecting & Mining) Act, 1992 (Act No. 33 of 1992)**
- 2. Diamond Act, 1999 (Act, No. 13 of 1999) - Diamond licences**



Minerals Act of 1992

PRINCIPLES OF THE ACT

- **Mineral Rights vested in the State**
- **Effective Exploration and Mining**
- **Security of Tenure**
- **Concern for the Environment**

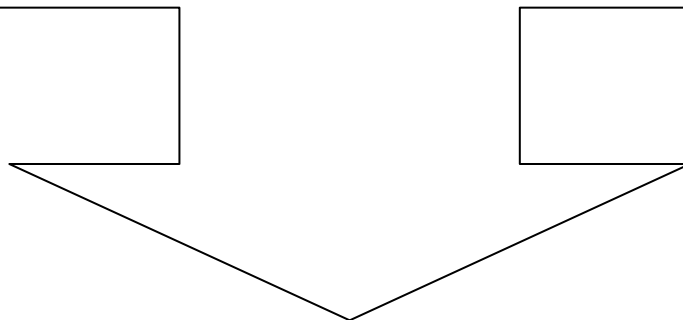


Mineral Licence Types

- **Exclusive Reconnaissance Licence**
- **Exclusive Prospecting Licence**
- **Mining Licence**
- **Mineral Deposit Retention Licence**
- **Mining Claims**



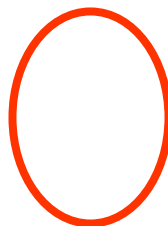
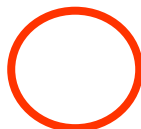
URANIUM RECOVERY IN NAMIBIA





Uranium Potential

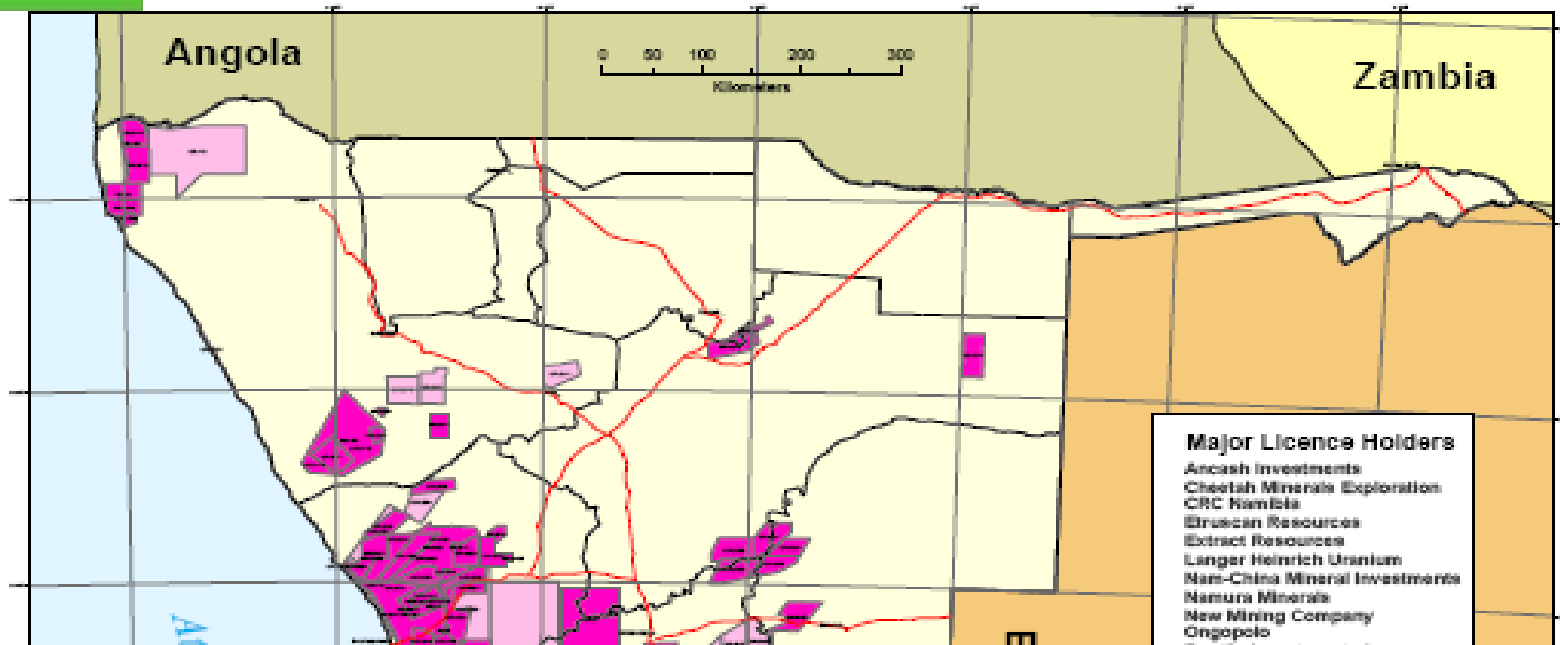
Rössing



Langer Heinrich



Current Licenses & Pending Applications





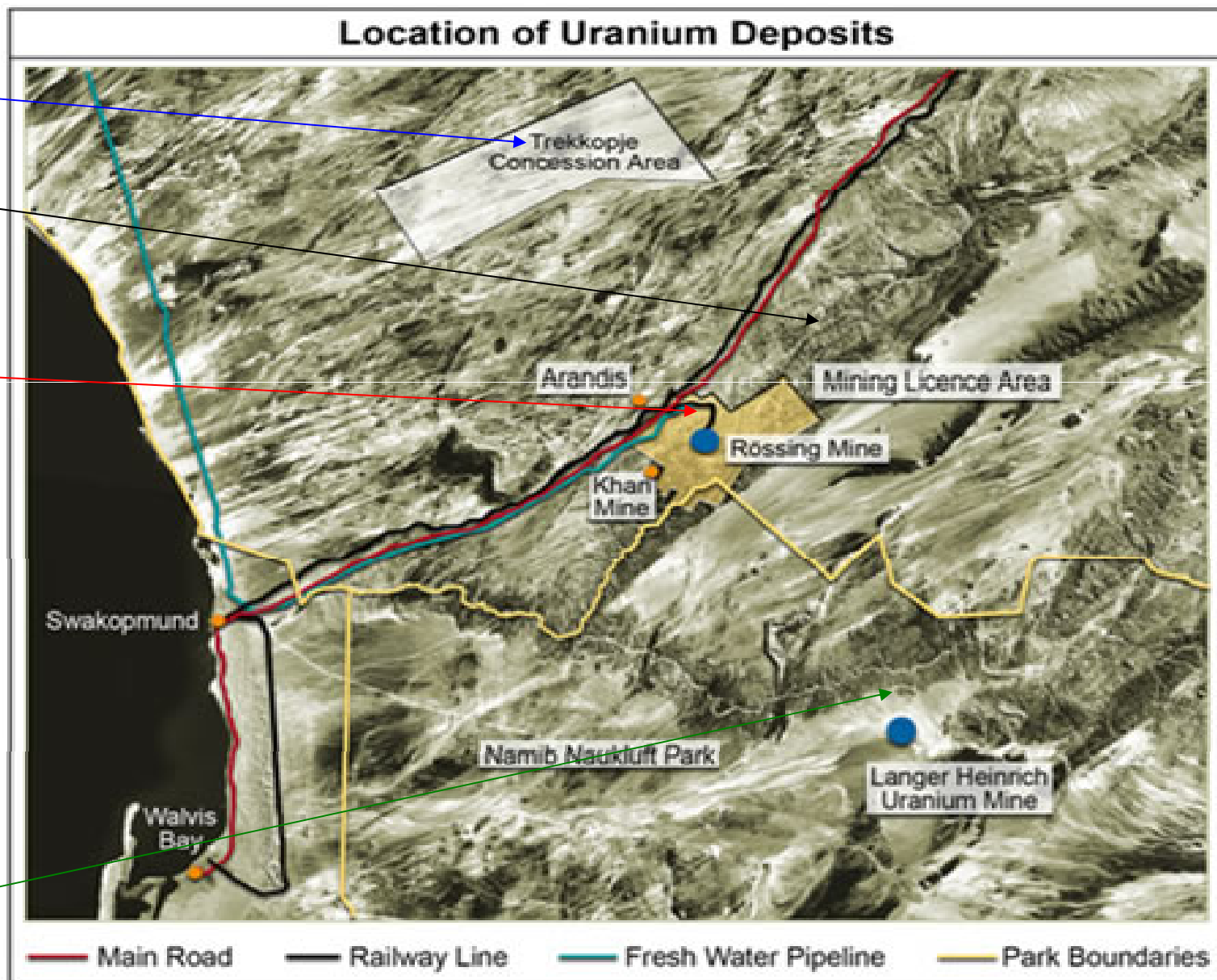
Operational and pending mining licenses

Trekopje
(Uramin)

Valencia

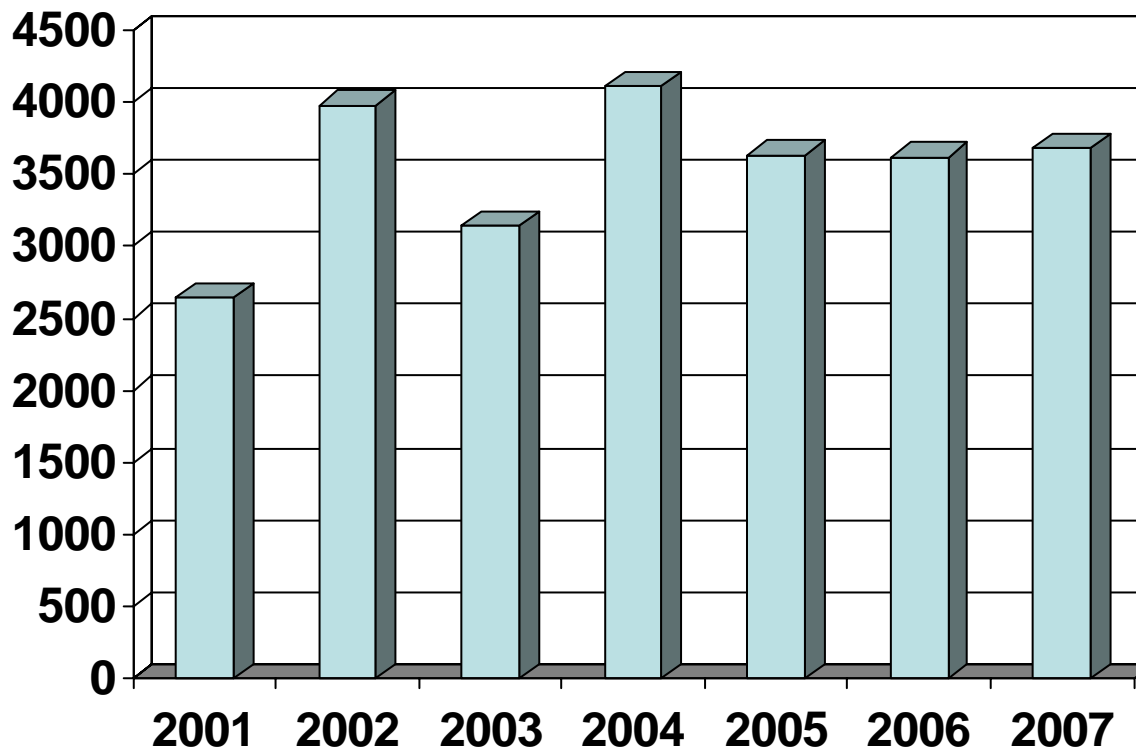
Rössing

Langer
Heinrich





U_3O_8 (t) PRODUCTION



Note: Namibia contribute 7.55% of world uranium production



CUSTOMERS

➤ France - Comurhex

➤ Australia - ERA

➤ China - CNIC

➤ Russia

➤ Canada - Cameco



Other Regulatory Requirements

- Atomic Energy and Radiation Protection Act (2005)
 - Provides for creation of regulatory infrastructure (extraction and processing of source material)

- Environmental Management Act (2007)
 - Provides for regulatory control over environmental impacts



CHALLENGES

- Streamlining the licensing process (coordination between different agencies)
- Implementation of Atomic Energy and Radiation Protection Act and the Environment Mangement Act
- Development of regulatory framework for mining and milling of uranium
- Technical capacity development for safety assessment and environmental review
- Staff retention

THANK YOU!