SOUTH AFRICA
(last updated December 2014)

- South Africa is a producer and consumer of natural uranium
- Uranium has been produced as a by-product of gold since 1952
- In 2012, South Africa produced 465 tonnes of uranium
- Only uranium supplier in Africa that is a member of the Nuclear Suppliers Group

### International Conventions

<table>
<thead>
<tr>
<th>Convention</th>
<th>Signed / entered into force</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nuclear Non-proliferation Treaty (NPT)</td>
<td>1991 (accession)</td>
</tr>
<tr>
<td>Comprehensive Test Ban Treaty (CTBT)</td>
<td>1996/1999</td>
</tr>
<tr>
<td>Convention on Assistance in Case of a Nuclear Accident or Radiological Emergency</td>
<td>1987/1987</td>
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</tbody>
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### Regional Legislation

**African Nuclear-Weapons-Free Zone Treaty**

Domestic Legislation

Regulations

2002 Minerals and Petroleum Resources Development Act
1999 Nuclear Energy Act
1999 National Nuclear Regulator Act
2008 National Radioactive Waste Disposal Institute
Mineral Petroleum Resources Development Act
National Environment Management Act
1965 Atmospheric Pollution Prevention Act
1998 National Water Act

Actors

Department of Mineral Resources
Department of Energy
Department of Environmental Affairs
National Nuclear Regulator
Department of Water Affairs

Operating Mines

Dominion Reefs (ownership: Shiva Uranium) (google map link)

Shiva Uranium Pty Ltd. was formerly known as Uranium One Africa Limited and changed its name to Shiva Uranium Pty Ltd. in April 2010. The company was incorporated in 1921 and is based in Klerksdorp, South Africa. Shiva Uranium Pty Ltd. is a former subsidiary of Uranium One Inc. The site was placed into care and maintenance in 2008 by Uranium One. In 2011, Shiva Uranium Ltd. announced that they would resume production "soon".

AngloGold Ashanti (only company that currently produces uranium in South Africa) operate the following projects in South Africa:

Palabora Copper Mine (google map link)

Vaal River operations (see link to reports: http://www.aga-reports.com/13/co)

Kopanang mine (google map link)
West Wits Mining
West Rand Goldfield

Surface Operations

First Uranium SA which owns Mine Waste Solutions

Mangalisa Project covers The Masimong gold mine (google map link https://goo.gl/maps/QYzW)

Operated by: Harmony Gold

Superior Mining Corporation Inc

Ownership: Prospecting Right - FS 30/5/1/1/2/447 PR. - was granted to Turquoise Moon Trading 403 (Pty.) Ltd., Registration Number 2006/005923/07 (“Turquoise Moon”), by the Department of Minerals and Energy in terms of section 17(1) of the Mineral and Petroleum Resources Development Act, 2002 (Act No. 28 of 2002), for “Gold Ore, Silver Ore and Uranium Ore”, on September 5, 2007. Superior Mining is the 74% direct and 13% indirect (total 87%) owner of Turquoise Moon, with the other 13% held through a legally-obliged Black Economic Empowerment (BEE) group (MGI).

Exploration

Henkries (google map link)

Henkries uranium project is being explored by Namakwa Uranium, which is now owned 74% by Niger Uranium and 26% by the company's black economic development partner, Gilstra Exploration. Anglo American did a feasibility study on the project in 1979.