COUNTRY FACT SHEET

PAKISTAN

- Pakistan has a small nuclear power program, with 725 MWe capacity, but is moving to increase this substantially.
- Pakistan's nuclear weapons capabilities has arisen independently of the civil nuclear fuel cycle, using indigenous uranium.
- Because Pakistan is outside the Nuclear Non-Proliferation Treaty, it is largely excluded from trade in nuclear plant or materials, which hinders its development of civil nuclear energy. However, China is positive about nuclear cooperation with Pakistan.

International Conventions

<table>
<thead>
<tr>
<th>Convention</th>
<th>Signed / entered into force</th>
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<tbody>
<tr>
<td>Nuclear Non-proliferation Treaty (NPT)</td>
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<tr>
<td>Comprehensive Test Ban Treaty (CTBT)</td>
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<tr>
<td>Convention on the Physical Protection of Nuclear Material (CPPNM) and 2005 Amendment</td>
<td>2000 (accession)</td>
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<tr>
<td>International Convention for the Suppression of Acts of Nuclear Terrorism</td>
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<tr>
<td>Convention on Assistance in Case of a Nuclear Accident or Radiological Emergency</td>
<td>1999 (accession)</td>
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</table>
**Domestic Legislation**

- **Pakistan Nuclear Regulatory Authority Enforcement Regulations**· (Pak/950)
- **Regulations for the Safe Transport of Radioactive Material** - (PAK/916)
- **Regulations for the Safe Transport of Radioactive Material** - (PAK/916)
- **Regulations on Radioactive Waste Management** (PAK/915) ammended upto March 8, 2010
- **Regulations on Management of a Nuclear or Radiological Emergency** - (PAK/914)
- **Regulations on the Safety of Nuclear Installations – Site Evaluation** (PAK/910)
- **Regulation for Licensing of Nuclear Installation(s) in Pakistan** (PAK/909) revision 1
- **Regulations for the Licensing of Radiation Facilities other than Nuclear Installations** (PAK/908)
- **Regulations for Licensing of Nuclear Safety Class Equipment and Components Manufacturers** – (PAK/907)
- **Regulations on Radiation Protection** (PAK/904) ammended upto March 28, 2012
- **Regulations on Transaction of Business of Pakistan Nuclear Regulatory Authority** – (PAK/901)
- **Regulations on Licensing Fee by Pakistan Nuclear Regulatory Authority** – (PAK/900)
- **PNSRP Regulations 1990** amended up to March 01, 2012

**Federal law**

- **The Mines Act 1923**
- **The Coal mines Labor Welfare Fund Act 1947** *act no. xxll*
- **The Regulation of Mines and Oil Fields and Minerals Development Goverment control act 1948**

**Actors**

- **Pakistan Atomic Energy Commission**
- **Pakistan Nuclear Regulatory Authority**
- **Strategic Export Control Division (SECDIV)**
Operating Mines and Mills
Exploration and mining

Nanganai
Google map link

Baghalschore
Google map link

*Used as a low-level radioactive waste dump, mining operations discontinued.*

Taunsa
Google map link

Qabul Khel
Google map link

**Milling:**

**BC-1 Uranium Mill**

Google map link

**Issa Khel Uranium Mill**

Mianwali District, Punjab Province

Google map link

**Conversion:**

**Pakistan, Chemical Processing Plant (CPP)**

Under Construction