The International Atomic Energy Agency (IAEA) is an international organization that seeks to promote the peaceful use of nuclear energy, and to inhibit its use for any military purpose, including nuclear weapons. The IAEA was established as an autonomous organization in 1957.

Though established independently of the United Nations through its own international treaty, the IAEA Statute, the IAEA reports to both the United Nations General Assembly and Security Council. The IAEA has its headquarters in Vienna, Austria.

The IAEA has two "Regional Safeguards Offices" which are located in Toronto, Canada, and in Tokyo, Japan.

The IAEA serves as an intergovernmental forum for scientific and technical co-operation in the peaceful use of nuclear technology and nuclear power worldwide. The IAEA and its former Director General, Mohamed ElBaradei, were jointly awarded the Nobel Peace Prize 2005. Recently Iran has refused to allow IAEA to two sites where nuclear activity may have occurred in the past (Parachin and Frodo).