

Iran's nuclear programme

Iran is close to what is known as *critical capability*, the point at which it could produce enough weapons-grade uranium – containing 90% or more of the isotope uranium-235 – for one or more bombs



President-elect Hassan Rohani



Nuclear facility



Uranium mine

250 miles

400km



Tehran Research Reactor:

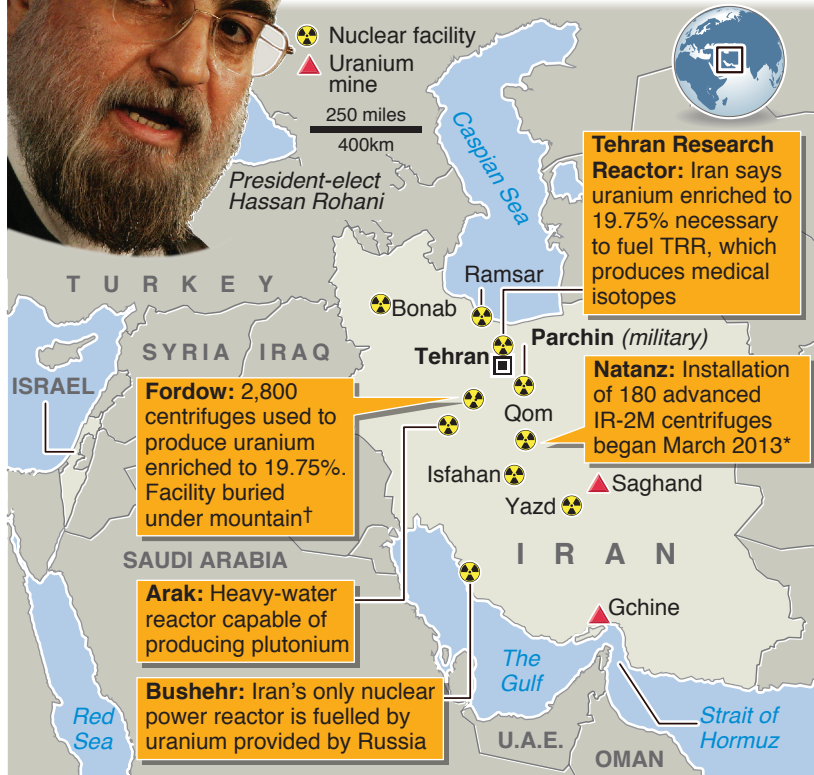
Iran says uranium enriched to 19.75% necessary to fuel TRR, which produces medical isotopes

Fordow: 2,800 centrifuges used to produce uranium enriched to 19.75%. Facility buried under mountain†

Arak: Heavy-water reactor capable of producing plutonium

Bushehr: Iran's only nuclear power reactor is fuelled by uranium provided by Russia

Natanz: Installation of 180 advanced IR-2M centrifuges began March 2013*



Medium-enriched uranium (MEU) programme (Feb 2010-May 2013)
Enriched to 19.75%: **219kg**

Israel's red line: MEU required to produce 20kg of weapons-grade uranium (one warhead): **165kg**



Made into fuel rods for research reactor: **96kg**



Remaining stockpile of MEU: **123kg**

*International Atomic Energy Agency report. †Started enrichment to 19.75% in February 2013

Source: Institute for Science and International Security Picture: Associated Press © GRAPHIC NEWS