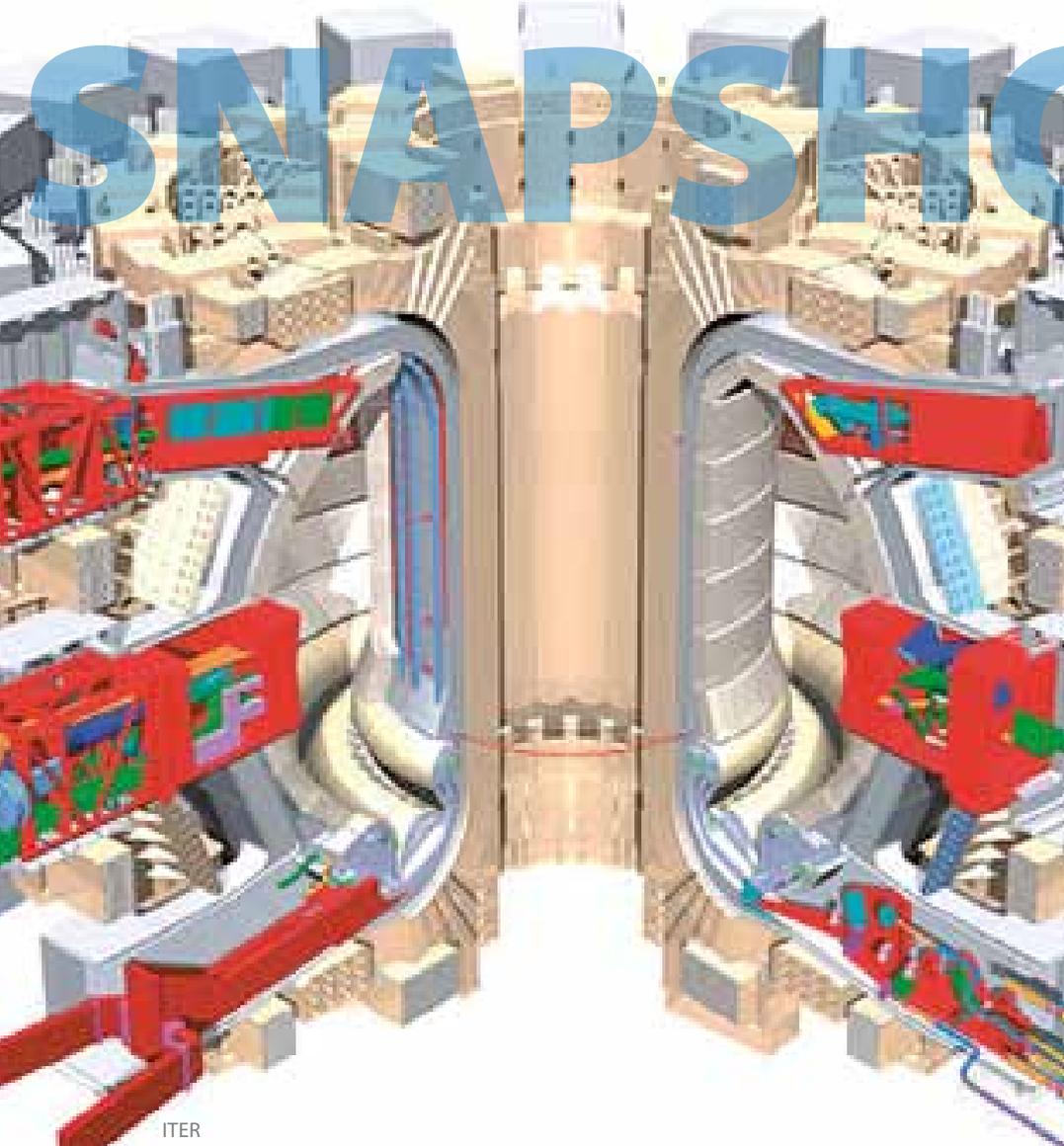


# SNAPSHOTS



ITER

## Future of a Fusion kind

The International Thermonuclear Experimental Reactor (ITER) and the IAEA are implementing a cooperative agreement, signed in October 2009, where both organizations exchange information regarding the study and potential application of fusion energy, participate in each other's meetings and organize joint scientific conferences.

The agreement also includes cooperation on training, publications, plasma physics and modelling, and fusion safety and security. In addition, the IAEA has a fusion programme which focuses on increasing international cooperation and support for science and technology for fusion power.

## Helping Haiti

Eight mobile X-Ray Units, purchased by the IAEA, were delivered to Haiti in March 2010 as emergency medical relief for those injured in the earthquake that devastated the country two months earlier.

The three digital and five analogue X-Ray machines will be used by doctors diagnosing and treating injuries and illness.

# 6million

Every year, more than 10 million young children die in developing countries. According to the World Health Organization, six million of these deaths are linked to malnutrition.

# from our image bank



# 1500

The IAEA's calibration assistance of radiotherapy equipment is delivered to 1500 hospitals in 116 countries that lack the infrastructure to conduct their own checks.



## Combating Cancer

In December 2009, Director General Yukiya Amano visited Nigeria in his first official trip to a Member State.

During the three-day trip he kicked off his initiative to focus global attention on improving cancer care in developing countries.

(Photo: Afolabi Sotunde)

## Out of Africa

African countries joined forces with the IAEA in November 2009 to take a decisive step in the fight against the tsetse fly, the main carrier of parasites that cause sleeping sickness in humans and trypanosomosis in animals. The pest has long been a serious health hazard, significantly hindering development across much of the African continent

## IAEA and EC Joint Research Centre Increase Collaboration

The IAEA and the European Commission Joint Research Centre's Institute for Energy (EC/JRC-IE) signed an agreement in October 2009, expanding their ongoing collaboration to enhance scientific and technical cooperation in nuclear energy planning, nuclear safety and nuclear technology.

Five main areas will be the focus of increased cooperation:

- 1 infrastructure to introduce nuclear power programmes;
- 2 life management for long-term nuclear power plant operation (including instrumentation and control systems to support operational excellence);
- 3 advanced reactor technology development and fuel related technologies and waste management;
- 4 planning and modelling nuclear energy deployment; and
- 5 jointly organizing technical meetings, publishing joint documents and implementing IAEA technical cooperation missions.

*IAEA Safeguards inspectors together with the experts from the Czech State Office for Nuclear Safety jointly verify a load of High Enriched Uranium (HEU) fuel held in special Skoda casks before it is brought back to Russia.*

*(Nuclear Institute Rez, Czech Republic, 30 November 2007. Photos: D.Calma/IAEA)*

For more information and photos visit [www.iaea.org](http://www.iaea.org)

