Science & Technology in post-2015 Sustainable Development Agenda

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23rd WiN Global Annual Conference
IAEA, 27 August 2015
IAEA Statute

“...accelerate & enlarge contribution of atomic energy to peace, health and prosperity...”
SE4ALL
Energy challenge

population
energy demand

Anthropogenic Climate Change
S&T: cradle to grave of nuclear world
IAEA services & products

- Databanks
- Peer reviews
- Summaries of experience, new knowledge, best practices
- Training, e-learning
- Standards, guidelines
- Technical ref. documents
- Research coordination
Science and Technology as a Central Part of the Post-2015 Development Agenda

IAEA Director General Yukiya Amano's Address to the UN General Assembly

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November 2014

IAEA Director General Yukiya Amano called for the importance of science and technology to be recognised as a central part of the global development agenda.

In his annual address to the United Nations General Assembly on 3 November 2014, he reviewed the IAEA’s work over the past twelve months and outlined priorities for the future.

“The nations of the world are presently considering new sustainable development goals for the years after 2015,” the Director General said. “I believe nuclear science and
Inspiring High School Students to Pursue Careers in Nuclear Science

IAEA Project Aims to Put Wow Factor in Secondary Science Education

By Brenda Piganeau, Training Specialist, IAEA Department of Nuclear Energy

A career in nuclear science can be equally as engaging as a career in Google or Coca-Cola.

With support from the IAEA, this is the message that science educators want to impart to high school students in four countries, using a tool called Compendium that aims to increase awareness and appreciation for nuclear science and technology among the youth.

Compendium is short for A Compendium of Resources and Activities for Secondary School Teachers and Students on Nuclear Science and Technology. Prepared under a
Improving Access to Synchrotron Beamlines

IAEA, Italian Institute Cooperate to Make Sophisticated Research Possibilities More Available to Scientists

By Susanna Loof and Ralph Kaiser IAEA Office of Public Information and Communication and IAEA Department of Nuclear Sciences and Applications

Related Resources

- Statement at Abdus Salam International Centre for Theoretical Physics
- International Centre for Theoretical Physics

The intense beam of X-rays created by a particle accelerator known as a synchrotron is crucial for certain types of research, but with demand for research use exceeding supply, it is hard to access for many scientists. A new International Atomic Energy Agency - supported beamline at a synchrotron in Trieste, Italy, will reduce the hurdles facing some scientists queueing up to do synchrotron research.
Coordinated Research Activities (CRAs)

Uniting the World through Research
IAEA CRPs (2015)

- 125 coordinated research projects (CRPs)
- ~1,500 research institutions involved
- ~€7 million
- ~€6,000 award per contract per year
- ~duration: 5 years
- ~¼ of CRPs related to...
#IAEA starts reviewing #Kenya's #nuclear power infrastructure development
goo.gl/cCQLEj