



IAEA

60 Years

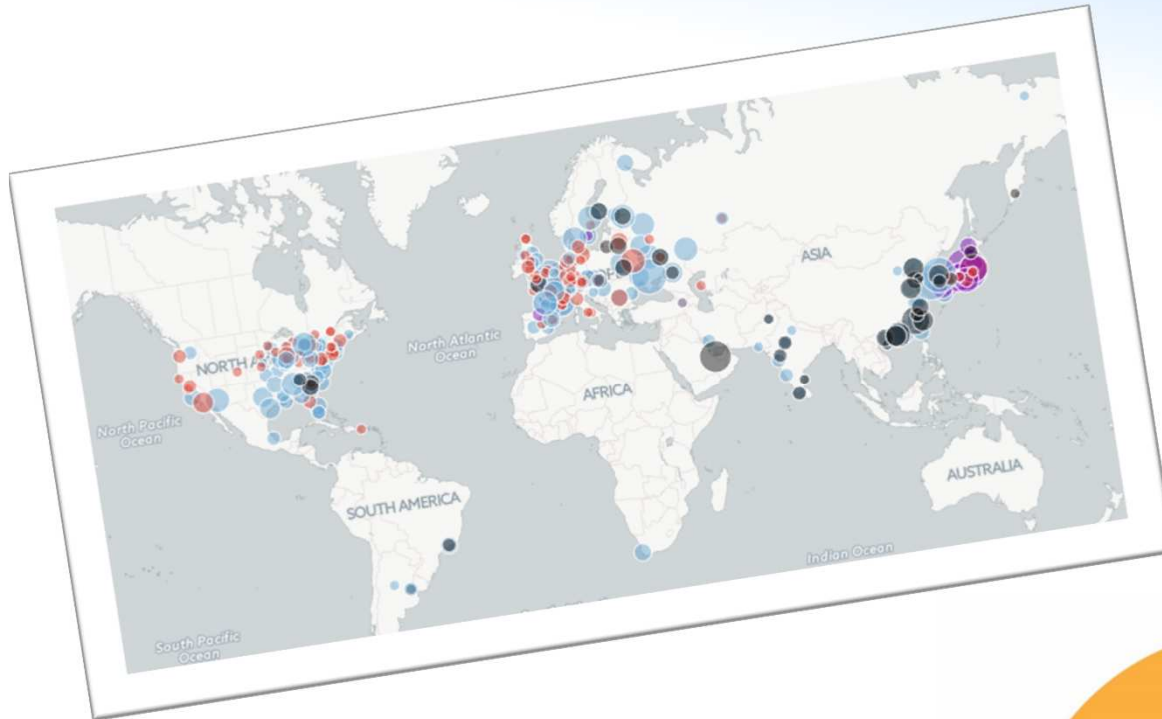
Atoms for Peace and Development

Introduction to the Global Education and Training Resource (GETR)

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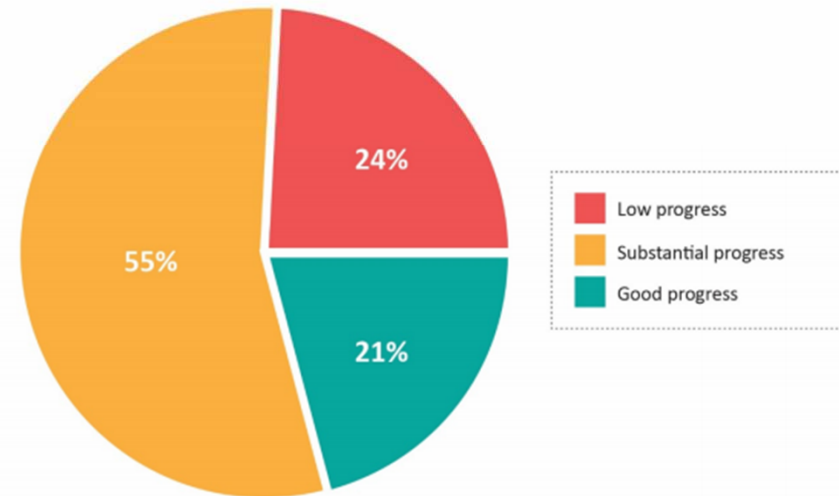
The Need



“75% of those Member States benefiting from technical assistance of the Agency still need additional support to have a national regulatory infrastructure that is consistent with the Agency’s safety standards”

Nuclear Safety Review 2016

- **441 Nuclear Power Reactors**
- **41% operating for 30 to 40 years**
- **15% more than 40 years**
- **Over 60 new nuclear units under construction worldwide (16 Countries)**
- **~20 countries considering nuclear power programs**



IAEA Role

- International Legal Instruments, Conventions and code of conducts
- Capacity Building
- Safety Standards & Security guidance
- Peer Reviews and Advisory Services
- Research and Development
- Safety Culture and leadership



“GNSSN provides a platform for the sharing of information among experts in order to achieve a higher level of safety and security at nuclear facilities around the world. It is instrumental in spreading best practices and ensuring continuous improvement in nuclear safety,” Yukiya Amano, Director General GNSSN Plenary GC 58

Global Education and Training Resource- GETR



- **A project intended to facilitate bringing together and exchanging information on global nuclear safety education and training resources**
- **Assists governments organizations and individuals to establish and develop effective and efficient education and training systems, programmes, etc.**

GETR - Purpose



- Intended to be an online portal of E&T activities offered by IAEA as well as its member states
- Simple listing of what is available, where, brief 'snapshot' information (synopsis, duration, languages, etc.), and contact details to learn more

Preliminary Investigation



- Conducted a consultancy meeting with representatives from E&T institutions from 4 member states in late April 2016
 - USA, Canada, France, and South Korea
 - Developed a basic structure for GETR and the categories for E&T activities
- <https://gnssn.iaea.org/main/getr/Pages/default.asp>
X
- Conducted a second consultancy with ROSATOM in November 2016

GETR – Structure



- **Accredited degree granting institutions**
 - Undergraduate (college/university degree and certificates, 2-4 year programmes)
 - Graduate (Masters)
 - PhD
 - Other higher education certificates - Post graduate/fellowship/certificate programme

– Focused courses

- Legal and regulatory Framework
- Reactors
- Radiation protection and health physics
- Transportation and handling
- Fuel cycle
- Radioactive sources , equipment, and generators
- Waste management and decommissioning
- Emergency Preparedness and Response
- Human and Organizational Factors

Next Steps

- **Content from Germany, Russia**
- **Test the platform : 127 Training and workshops inserted**
 - **Input by CS members**
- **Hopefully, launch at the end of this year**
- **Organization of meeting on Staffing and Training in 2017**



- **HRD needs/requirements across the life cycle of NPP (nuclear power programme)- Mature Countries input**
- **Cooperation agreement could be sought among resources provider (USA, Japan, Korea Republic of, France, Russian Federation, etc.) and IAEA to ensure commitment for this initiative/objective**



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Thank you!