Wrap-up Comments on strengthening GSSRs

Why Move beyond Current global S&S regime:

- **Fact**: Nuclear crisis knows/respect no borders
- **Current NSSRs**, unlike Safeguards, rely primarily on national laws, regulations & actions; **Int'l SSRs rely** on Int'l agreements & organizations; offer largely **voluntary** guidance & support **with incentives only**
- **Confidence** in Nuclear Power Safety & security following Fukushima & increased level of Int'l terrorism is low
- **Higher confidence** is critical to future role of NP in **meeting low carbon energy targets**;
- **Both national & Int'l NSSRs** need strengthening; in a **balanced** way
- **introducing more binding** standards & practices to address **weak links in NNSSRs**
- **It has been done before**; ICAO & Paris CC Agreements
- **It took time**, but It can be done; from standard,, commitment to targets to binding obligations & **ultimately sanctions**
- **needs sustained credible preparatory work** to create environment& movements (public & civil society, NGOs, lobby) for **more binding** Int'l Agreement;
- **The role of proposed Centre:** to undertake work to trigger **awareness** & **call for actions**
- **Resulting in gradual actions/agreements, etc.** at all levels, **starting with the NSG**

Some actions by NSG and others

- **NSG**: Require new comers to undertake all the voluntary services offered by IAEA before they proceed with commercial nuclear technology and nuclear power technology transfer for new-comer or just starting country, especially with those where no strong independent regulators exists

- **NEA; to provide expanded support to NSG**

- **Indirect Pressure by WANO, etc**..

- Informed Public Opinion:
  - Paris agreement
  - UK NPP
    Renewable
- Vienna Declaration on NS (2015): make it effective

  New NPP to be designed, sited and constructed with objective of preventing accidents

  Safety assessments to be carried out regulary and periodically
- Nuclear Security Summit (2015): make it more effective

ICAO vs. IAEA

	ICAO	IAEA
Parent Agency	UN	UN
Governing Convention/Document	Convention on International Civil Aviation (aka "Chicago Convention") in 1944	Statute of the IAEA, 1956
Mission	To promote the safe and efficient development of civil aviation	To promote the safe, secure and peaceful use of nuclear technologies
Standards	Some obligatory, others not	No obligatory standards at all
Accident Investigation	Directly involved	Undertaken only upon request
Reporting System	Obligatory Accident/Incident Data Reporting (**ADREP**)	General but non-obligatory Incident Reporting System (**IRS**)