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 regularly and periodically

- **Nuclear Security Summit (2015): make it more effective**
**ICAO vs. IAEA**

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<thead>
<tr>
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<th>ICAO</th>
<th>IAEA</th>
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<tbody>
<tr>
<td><strong>Parent Agency</strong></td>
<td>UN</td>
<td>UN</td>
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<tr>
<td><strong>Mission</strong></td>
<td>To promote the safe and efficient development of civil aviation</td>
<td>To promote the safe, secure and peaceful use of nuclear technologies</td>
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<tr>
<td><strong>Standards</strong></td>
<td>Some obligatory, others not</td>
<td>No obligatory standards at all</td>
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<tr>
<td><strong>Accident Investigation</strong></td>
<td>Directly involved</td>
<td>Undertaken only upon request</td>
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<tr>
<td><strong>Reporting System</strong></td>
<td>Obligatory Accident/Incident Data Reporting (ADREP)</td>
<td>General but non-obligatory Incident Reporting System (IRS)</td>
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