List of topics

**1. <u>Country Safety Case</u>**

This topic will address the update on safety case in each country. Depending on the country national programme status, contributors are asked to choose one of the sub-topics below:

i. ***<u>Safety case and siting</u>*** *- For countries whose national programme is* ***<u>in the siting process</u>****. Contributors are expected to address (i) country policy on DGR, (ii) entire programme and current status of DGR development, (iii) technical achievements since 2013, (iv) future challenges in safety case development, and (v) challenges in gaining confidence from stakeholders.*

ii. ***<u>Safety Case and licensing</u>*** *- For countries whose programme is* ***<u>in the licensing process</u>****. Contributors are expected to address (i) country policy on DGR, (ii) entire programme and current status of DGR development, (iii) technical achievements since 2013, (iv) main findings in siting process, (v) challenges in receiving a regulatory review, and (vi) future challenges in safety case development.*

**2. <u>Safety Case and Non-Technical Stakeholder</u>**

This topic will address experiences on safety case communication with non-technical stakeholders and how to aim at confidence building. Contributors are expected to address (i) communication strategy with non-technical stakeholders, (ii) communication methodology, (iii) lessons learned, and (iv) what is the added value of international cooperation within this area.

Contributors are asked to choose one of the sub-topics from the followings:

i. ***<u>Stakeholder communication and lessons learnt in each country.</u>***

ii. ***<u>NEA activities (FSC, IGSC/FSC joint activities, WGPC, etc.)</u>***

iii. ***<u>Other international activities</u>***

**3. International Activities**

This topic will address main achievements of international collaboration activities on safety case development since 2013 outside of non-NEA groups. Contributors are asked to choose one of the following sub-topics:

i. ***<u>IAEA initiative (e.g. GEOSAF, HIDRA)</u>***

ii. ***<u>EC initiative (e.g. JOPRAD)</u>***

iii. ***<u>others</u>***

**4. International cooperation for research: role and added value**

This topic will address the achievements, the added value and future perspective of **<u>international cooperation activities</u>**. Contributors are asked to choose one of the following sub-topics.

i. ***<u>IGSC sub-groups: Clay Club, Salt Club and Crystalline Club</u>***

ii. ***<u>Others</u>***

**5. Safety Case and RD&D**

This topic will address RD&D (Research, Development and Demonstration) aiming at feasibility demonstration of DGR construction/operation, and relevant research activities aiming at system and process understanding . Contributors are expected to address (i) recent development/planning of URL, (ii) strategy and approach how to demonstrate safety of DGRs, and (iii) research activities for system and process understanding including (i.e. natural analogue in support of the safety case).

**6. Operational safety and its influence on post-closure safety**

This topic will address operational safety issues and linkage between operational safety and long-term safety. Contributors are expected to address, (i) technical challenges in operational phase (i.e. fire assessment, ventilation system, transportation and emplacement techniques), (ii) recent development of relevant equipment and methodology, (iii )operational hazard, (iv) relationship between operational safety and long-term safety, and (vi) lessons learnt from WIPP incident.

Contributors are asked to choose one of the following sub-topics.

*i.* ***NEA EGOS activities***
*ii.* ***IAEA GEOSAF(I, II, III) activities***
*iii.* ***WIPP***
*iv.* ***Others***

**7. Regulatory Challenges in safety case review**

This topic will address regulatory challenges relevant to DGRs. Contributors are expected to address challenges in, (i) development of regulatory requirements and guidance, (ii) safety case review and lessons learnt, (iii) regulator-implementer dialogue within regulatory process. Contributors are asked to choose one of the following sub-topics.

*i.* ***Regulatory development and challenges in each countries***
*ii.* ***International activities (RWMC-RF, SITEX, WENRA, etc.)***
*iii.* ***Others***

**8. Information management**

This topic will address information management. Contributors are expected to address challenges and recent developments of information management. Contributors are asked to address one of the following topics:

*i.* ***Recent development of strategy/approach of information management in each country.***
*ii.* ***NEA activities (EGIRM, RepMet, RK&M)***
*iii.* ***Other international activities***