

Question 1: To what extent do you think our proposed approach to providing national-scale existing information about geology relevant to long-term safety is appropriate? Please give your reasons.

I agree that the proposed approach is a starting point in providing all existing relevant information to audiences and communities who may be interested in seeking more information about hosting a GDF.

Question 2: To what extent do you think that the proposed national information sources are appropriate and sufficient for this exercise? Please give your reasons.

No comment

Question 3: To what extent do you agree or disagree with the proposed form of the outputs from geological screening? What additional outputs would you find useful?

Please consider that any of the outputs will be meaningless without you saying more precisely :- How communities will be made aware of the availability of the outputs The mechanisms by which the communities will be able to express an interest in finding out more about the process How the outputs will, or could be, disseminated to those communities.

Question 4: Do you have any other views on the matters presented in the draft Guidance?

I would wish to see account taken in the screening exercise of the vulnerability of geological terranes and their features and depths of a GDF to inundation, erosion, and impact caused by other natural events which have not been mentioned in the natural processes criteria. These events include, for example :- Sea level rise and the vulnerability of the geological features in the coastal areas to inundation by the sea, and/or erosion by the sea Sudden sea level rises due to Tsunamis, extreme tidal surges Meteorite impact of a magnitude that could cause regional devastation I appreciate that the latter is difficult to assess but there will be certain geological terranes that are better able to withstand such impacts as compared with others. For example a shallow GDF in clay rich strata could be more vulnerable to an impact than a deep GDF in a hard rock terrane.

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Do you agree to your responses to this consultation being published?

Yes