Revision of
the INES User’s Manual 2008 Edition
Objectives of the Manual’s Revision

- to incorporate
  - experience gained since 2008 when the Manual was published and
  - lessons learned from the response to the Fukushima Daiichi Accident
- to refine the rating criteria
- to align the terminology
Objectives of the Manual’s Revision
- to incorporate experience gained since 2008

Based on the feedback from MSs applying the rating methodology, it was identified that revised document should contain

• additional explanations on
  ➢ section on safety layers
  ➢ section on the additional factors
  ➢ paragraph on cumulative doses
  ➢ Rating events at nuclear waste facilities

• chapter on communication of events
• more practical examples
Objectives of the Manual’s Revision
- to incorporate lessons learned from the Fukushima Daiichi Accident

There is a need to address the need of increasing the effective use of INES as a communication tool

- New technologies and new demands on communicators will be reflected upon
- Examples on effective communication are being added

The Use of INES for Event Communication was published in 2014 as standalone document
- Its Annex I provides guidance on the use of INES in evolving severe accidents
Objectives of the Manual’s Revision
- to refine the rating criteria

The rating criteria to assess the impact of an event

- Impact on people and the environment
- Impact on radiological barriers and controls at facilities
- Impact on defence in depth

are being reviewed and as appropriate refined
Objectives of the Manual’s Revision - to align the terminology

The terminology used in the Manual needs to be aligned with the terminology used in IAEA safety standards, in particular with:

- Preparedness and Response for a Nuclear and Radiological Emergency (GSR Part 7)
  - terms such as event, emergency, incident and accident have to be used consistently

- Safety of Nuclear Power Plants: SSR-2/1 (Rev. 1)
  - the revised Manual needs to recognize concepts of anticipated operational occurrences and design extension conditions
<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Presenting the draft DPP to the Coordination Committee</td>
<td>10 April 2017</td>
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<tr>
<td>1st Consultancy Meeting</td>
<td>10-12 April 2017</td>
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<tr>
<td>2nd Consultancy Meeting</td>
<td>03–07 July 2017</td>
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<tr>
<td>Finalizing 1st draft of the revised document</td>
<td>December 2017</td>
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<tr>
<td>3rd Consultancy Meeting</td>
<td>January 2018</td>
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<tr>
<td>Submission of the draft publication to the Member States (6 weeks prior to the Technical Meeting)</td>
<td>end of February 2018</td>
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<tr>
<td>Member States to provide their comments</td>
<td>mid April 2018</td>
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<tr>
<td>Review of the comments received</td>
<td>end of April 2018</td>
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<tr>
<td>Technical Meeting on the Draft INES User’s Manual</td>
<td>May 2018</td>
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<tr>
<td>Finalizing the draft taking into account feedback of the TM</td>
<td>May 2018</td>
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<td>Publication</td>
<td>III Q 2018</td>
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</tbody>
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Method of Work

‘Task forces’ for each Chapter
- Formed of the volunteers among INES Advisory Committee members and INES National Officers

Two consultancy meetings in 2017
• 1st CS on 10-12 April 2017
  The meeting
  - initiated review of the document
  - reviewed comments received from the INES National Officers
  - discussed the application of the INES as a tool to communicate the safety significance of an event, taking into account lessons learned from the Fukushima Daiichi Accident
  - agreed on document’s content and structure
• 2nd CS on 03–07 July 2017
  The meeting
  – continued with the document’ revision
  – revised chapters
    • on radiological barriers and controls,
    • on defence in depth
  – drafted chapter on communication
Method of Work - plan for next year

3rd consultancy meeting in 2018 - January 2018

- will review the first draft of the revised document, in particular ensuring the terminology used in the Manual is aligned with the terminology of the IAEA safety standards


- all Member States will be invited
- the meeting will be invited to discuss the draft and provide comments, as appropriate
Thank you!