

## Agenda of 7<sup>th</sup> TAC meeting, 2022

Date: 27-29 September, 2022

Place: MITA NN Hall, B1F of MITA NN Building, Minato-ku, Tokyo Japan

Objectives of 7<sup>th</sup> TAC:

- 1) Presenting the results of the NEA review of the NUMO safety case and general lessons learned
- 2) Review of the NUMO R&D plan
- 3) Special topic: knowledge management and assuring required human resources
- 4) Practicalities of moving forward with site characterisation / selection

|  | <b>Contents</b>   | <b>Speakers</b>                    | <b>Schedule</b> |
|--|---|------------------------------------|-----------------|
| <b>Day 1</b><br>27 <sup>th</sup> Sept.   | <b>Block 1 Introduction, goals and programme overview</b>     |                                    | 9:30-10:30      |
|  | 1.1 Welcome address   | S. Kondo (NUMO)<br>T. Sasaki (TAC) | 5 min<br>5 min  |
|  | 1.2 Objectives of TAC meeting (incl. logistics)               | T. Fujiyama (NUMO)                 | 15 min          |
|  | 1.3 Highlights of developments in Japan over the last 3 years | H. Umeki (NUMO)                    | 35 min          |
|  | Coffee Break  |                                    | 15 min.         |
|  | <b>Block 2 Output of the NEA review</b>                       |                                    |                 |
|  | 2.1 Overview of NEA review procedure and output               | T. Fujiyama (NUMO)                 | 10:45-12:00     |
|  | Lunch   |                                    | 60 min.         |
|  | 2.2 Safety case production – lessons learned                  | S. Nishikawa (NUMO)                | 13:00-13:30     |
|  | 2.3 Concept for future safety cases                           | T. Fujiyama (NUMO)                 | 13:30-14:00     |
|  | Coffee Break  |                                    | 15 min          |
|  | 2.4 Brainstorming – future safety case priorities for NUMO    | I. McKinley (TAC) to moderate      | 14:15-15:45     |
|  | <b>Block 3 Ongoing R&amp;D topics of NUMO</b>                 |                                    |                 |
|  | 3.1 Expanding scientific knowledge on Pre-Neogene sediments   | H. Yokota (NUMO)                   | 15:45-16:10     |
| 3.2 Development of the repository layout options for the HLW disposal in Japan         | T. Ichimura (NUMO)  | 16:10-16:50                        |                 |
| 3.3 Improvement of reliability on long-term performance assessment for vitrified waste | R. Matsubara (NUMO)   | 16:50-17:15                        |                 |
| <b>Day 2</b><br>28 <sup>th</sup> Sept.   | <b>Block 4 The NUMO R&amp;D plan</b>                          |                                    |                 |
|  | 4.1 Overview of the 5-year R&D Plan                           | T. Fujiyama (NUMO)                 | 9:00-9:20       |
|  | 4.2 Geological R&D goals & priorities                         | H. Saegusa (NUMO)                  | 9:20-9:40       |
|  | 4.3 Engineering R&D goals & priorities                        | Y. Kitagawa (NUMO)                 | 9:40-10:00      |
|  | Coffee Break  |                                    | 15 min          |
|  | 4.4 Operational safety R&D goals & priorities                 | S. Suzuki (NUMO)                   | 10:15-10:35     |
|  | 4.5 Post-closure safety R&D goals & priorities                | K. Fujisaki (NUMO)                 | 10:35-10:55     |
|  | 4.6 Management tools R&D goals & priorities                   | S. Nishikawa (NUMO)                | 10:55-11:15     |
|  | 4.7 Discussion of completeness                                | All                                | 11:15-12:00     |
|  | Lunch   |                                    | 60 min.         |
| <b>Block 5 KM and human resources</b>  |   |                                    |                 |
| 5.1 Status in national programmes<br>Switzerland, France, Sweden, Finland, UK, US      | International TAC members (10 mins each)                      | 13:00-14:00                        |                 |
| 5.2 Discussion: key lessons for NUMO   | All   | 14:00-14:45                        |                 |

|  |   |                                    |             |
|--|---|------------------------------------|-------------|
|  | Coffee Break  |                                    | 15 min      |
|  | <b>Block 6 Siting practicalities</b>                  |                                    |             |
|  | 6.1 Status of volunteer sites including communication | K. Kaku (NUMO)                     | 15:00-15:30 |
|  | 6.2 Overview of geological data captured in each      | H. Hyodo (NUMO)                    | 15:30-16:20 |
|  | 6.3 General comments and recommendations              | All TAC members                    | 16:20-17:00 |
|  |   |                                    |             |
| <b>Day 3</b><br>29 <sup>th</sup> Sept. | <b>Block 7 TAC closed session and wrap up</b>         |                                    |             |
|  | 7.1 TAC closed session                                | All TAC members                    | 9:00-11:45  |
|  | Lunch   |                                    | 60 min.     |
|  | 7.2 Summary of TAC key observations                   | T. Sasaki and<br>I. McKinley (TAC) | 12:45-13:15 |
|  | 7.3 Discussion and actions                            | All                                | 13:15-13:45 |
|  | 7.4 Wrap-up admin                                     | T. Fujiyama (NUMO)                 | 13:45-14:00 |