

Country review workshop

Plenary session

Chair's introduction

Sylvie Cadet-Mercier – TPR II Chair



1 TPR outcomes

2 Country sessions

3 Update of the CRRs

1. TPR outcomes

From thematic workshop : 4 Good practices and 3 Challenges

Management of fire loads

Mobile scanner device (PDA) with an intuitive IT tool, stickers with bar code

Adequate strategies for installation of fire detectors and failure tolerance

Cameras installed on worksites or in case of the failure of a detector, with different detection zone

General methodologies for deterministic FSA

Extensive series of tests to analyse the effects of fire on elements credited in the fire safety analyses to confirm their resistance (electrical equipment, fire doors, cables, seals...)

Use of experience feedback

Implementing learning from experience feedback from fire events outside nuclear installations





1. TPR outcomes

From thematic workshop

Use of experience feedback

- A need for an unique repository for sharing information on fire events for any nuclear installation

Management of ignition sources

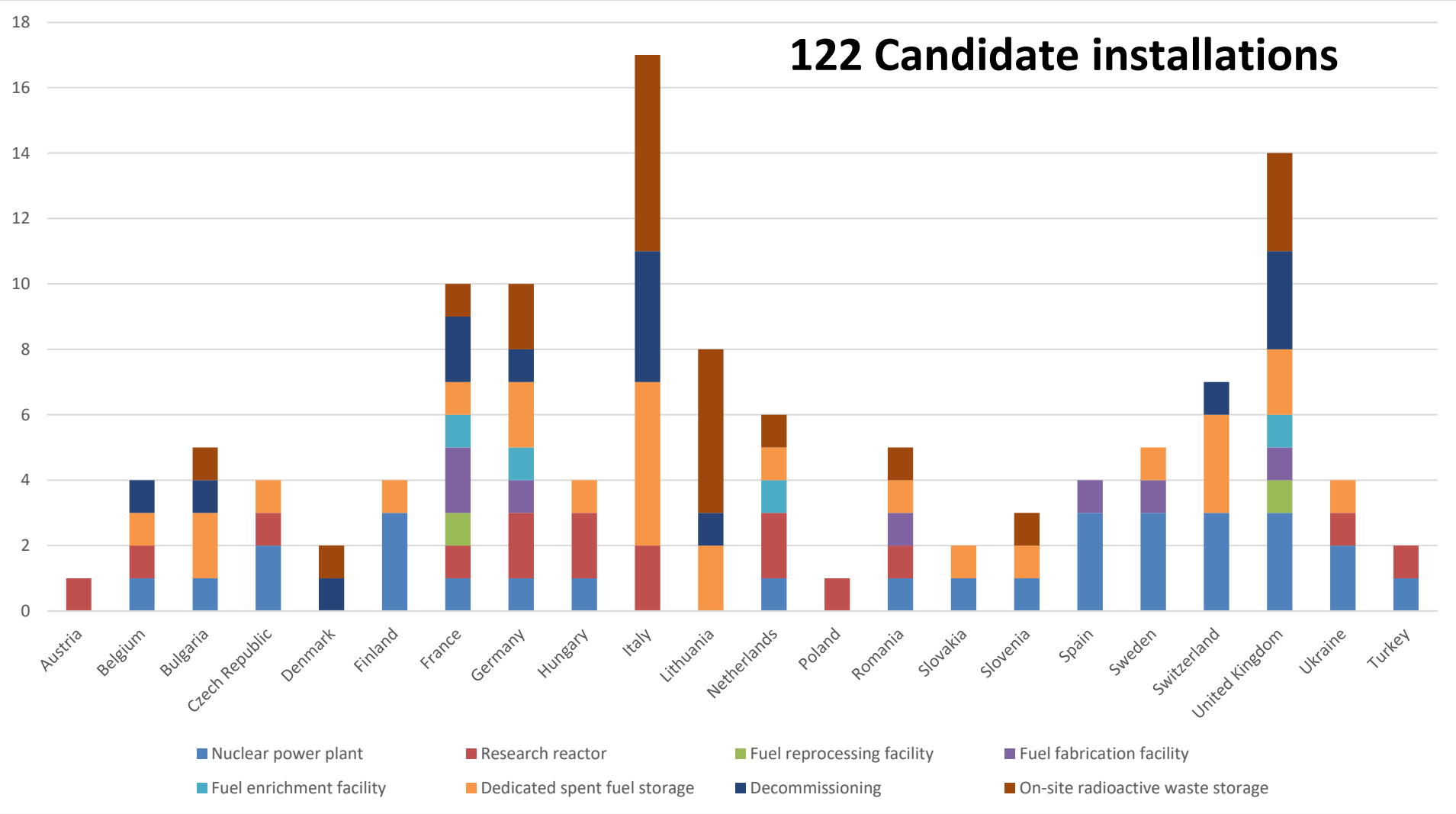
- A need to consider new types of ignition sources (e.g. lithium- ion batteries...)

General methodologies for deterministic FSA

- A need for guidelines to carry out FSA for non-NPP nuclear installations and NPPs not operating at full power
- A need to develop approaches with detailed provisions/instructions to meet high level requirements from standards

1. TPR outcomes

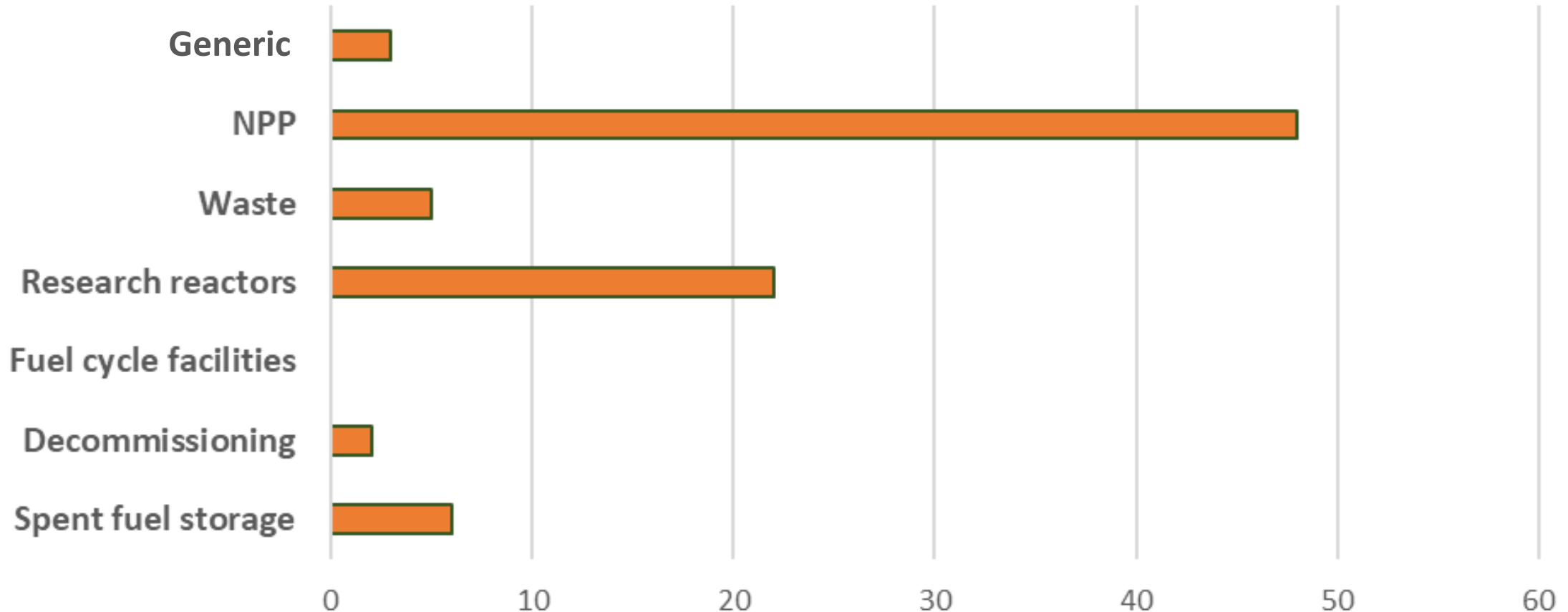
Some figures



1. TPR outcome

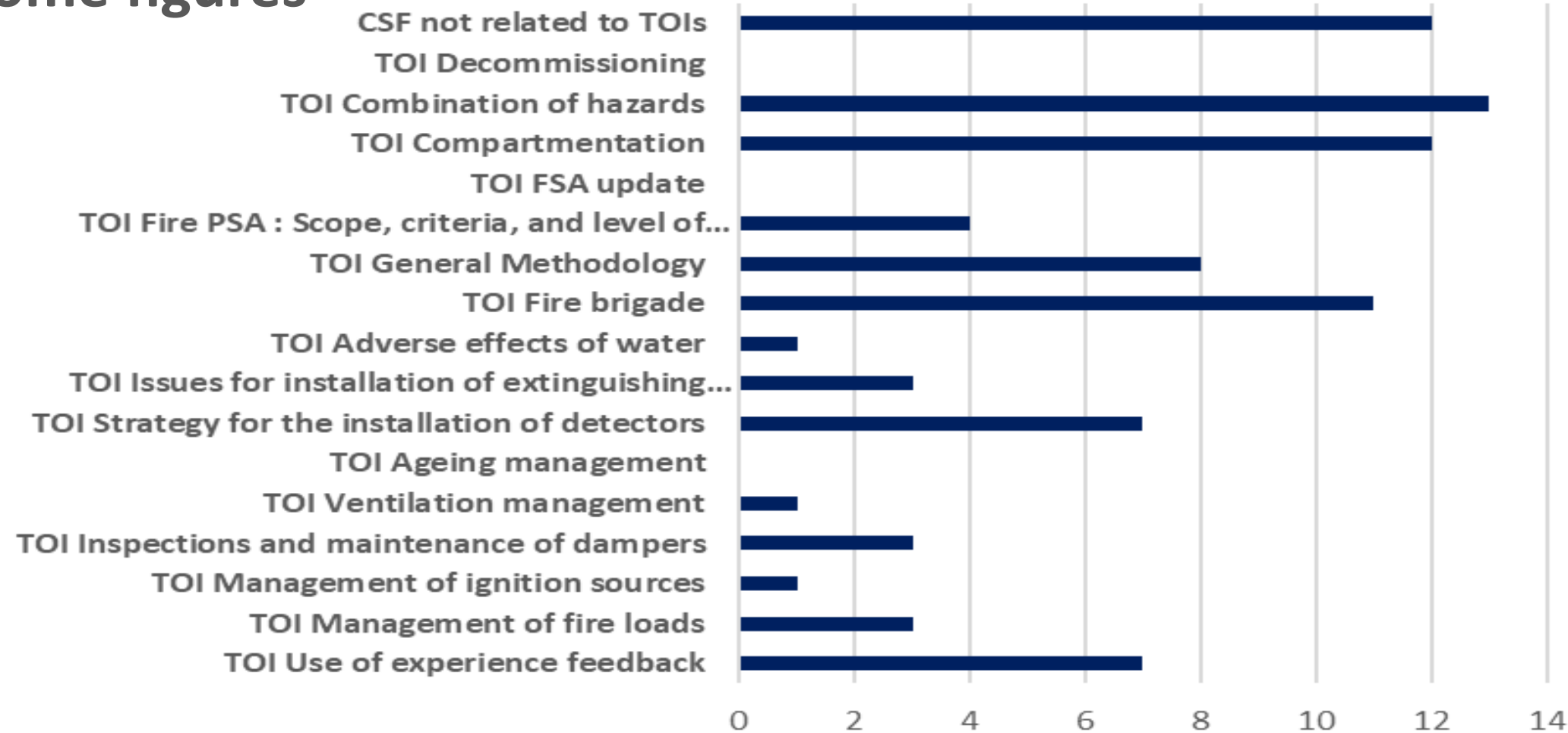
Some figures

Country Specific Findings (CSF)



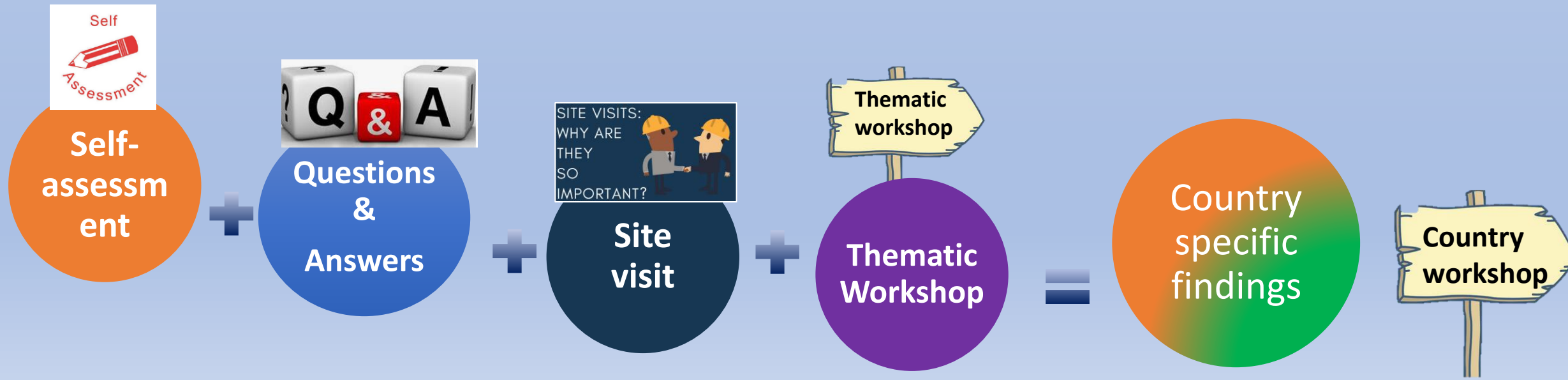
1. TPR outcome: CSF vs Topics of interest (TOI) discussed at the thematic workshop

Some figures



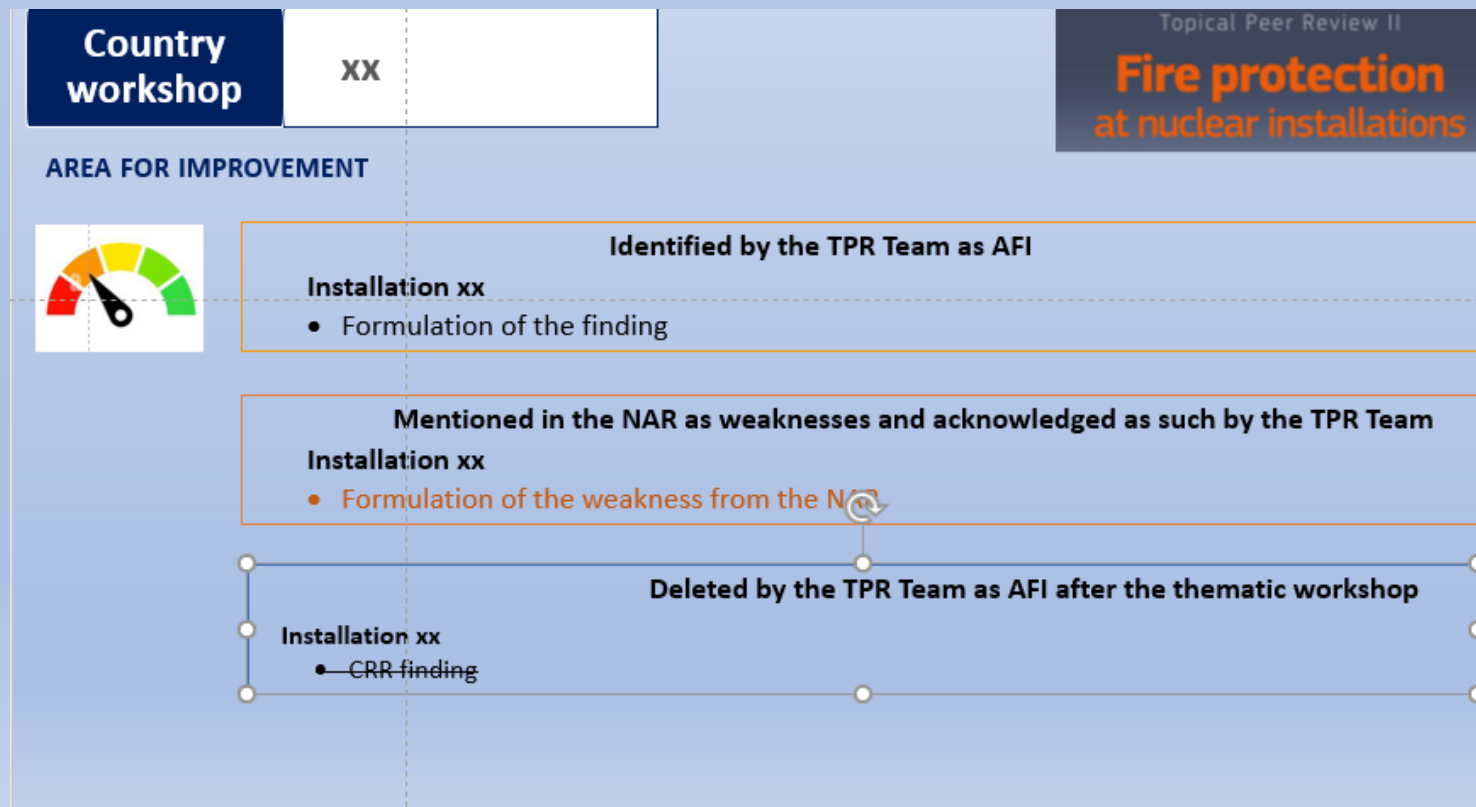
2. Country sessions

- Country sessions open to all workshop participants in order to share experience
- Country sessions **focused** on the **review of each country**, taking into account:
 - ☐ the self-assessment
 - ☐ the outcomes of the peer review
 - ☐ the findings of the site visit to the country, where applicable,
 - ☐ the conclusions from the thematic sessions



2. Country sessions

- Each country session will include:
 - ☐ A **national presentation** by the national regulatory authority including the principal findings of their national assessment report
 - ☐ A time slot for **questions and answers**
 - ☐ Discussions on the **CSF findings**



2. Country sessions

- Each country session will include:
 - ❑ A **national presentation** by the national regulatory authority including the principal findings of their national assessment report
 - ❑ A time slot for **questions and answers**
 - ❑ Discussions on the **CSF findings**
- TL to steer the discussions between the country and the TPR team to conclude on the **points of convergence and divergence**

Area of good performance

An arrangement, practice, policy or programme related to fire protection as a **significant accomplishment** for the country **Implemented** effectively in the country and worthwhile to commend.

Area for improvement

Aspect of fire protection where improvement is expected, considering the arrangement, practice, policy or programme generally observed in other participating countries.
May be self-identified by the country



Conclude on the findings, their categorization (AGP, AFI, modification or deletion) and justification

3. Update of the CRRs

- Factual checking by each participating country **on CRR §1 to 3** due by 20 September
 - Consideration of the justified modifications (only with reference to the NAR)
 - The sentence in the CRR “*The following **strengths**.... related to fire protection were specifically reported in the NAR for xx*” means:
 - ✓ The strengths, weaknesses from NAR § *Overview of strengths and weaknesses*. Only “main” strengths, weaknesses were reported in the CRRs (e.g. being compliant was not considered as a strength...)
 - ✓ The Improvements mentioned in § *Overview of actions and implementation status*
 - ✓ The Lessons learned mentioned in the § *Lessons learned (events, inspections...)*

➡ **Update of CRR §1 to 3**

- Information provided during the country sessions
 - Categorisation of the finding, as well as modification
 - Justification as a result of the discussions (convergence or not)

➡ **Update of CRR §4**



Agenda: Topical Peer Review II – Fire Protection – Country Review workshop 30 September - 3 October 2024 (max)

(Plenary and CG1 sessions in Room Europe Level 0; CG2 sessions in Room Schengen Level -1)

Monday 30/09		Tuesday 01/10		Wednesday 02/10		Thursday 03/10	
CG1	CG2	CG1	CG2	CG1	CG2	CG1	CG2
<div>09h - 10h</div> <div>On-site registration and welcome coffee</div>		<div>Lithuania</div> <div>9h - 10h</div> <div>Presentations: 40 min</div> <div>Discussion: 20 min</div>	<div>Finland</div> <div>9h - 10h:00</div> <div>Presentations: 60 min</div> <div>Discussion: 40 min</div>	<div>Türkiye</div> <div>9h - 10h</div> <div>Presentations: 40 min</div> <div>Discussion: 20 min</div>	<div>Czech Republic</div> <div>9h - 10h</div> <div>Presentations: 40 min</div> <div>Discussion: 20 min</div>	<div>Austria</div> <div>9h - 10h:00</div> <div>Presentations: 20 min</div> <div>Discussion: 20 min</div>	<div>Hungary</div> <div>9h - 10h:00</div> <div>Presentations: 60 min</div> <div>Discussion: 40 min</div>
<div>PLENARY 10h-10h25</div> <div>Opening remarks and introduction (WPPF Chair, TPB Board Chair, European Commission)</div>							
<div>Germany</div> <div>10h:30 - 12h</div> <div>Presentations: 40 min</div> <div>Discussion: 30 min</div>	<div>Belgium</div> <div>10h:30 - 12h</div> <div>Presentations: 60 min</div> <div>Discussion: 30 min</div>	<div>Spain</div> <div>10h:30 - 12h</div> <div>Presentations: 60 min</div> <div>Discussion: 30 min</div>	<div>Slovakia</div> <div>11h - 12h</div> <div>Presentations: 40 min</div> <div>Discussion: 20 min</div>	<div>Switzerland</div> <div>10h:30 - 12h</div> <div>Presentations: 40 min</div> <div>Discussion: 30 min</div>	<div>Bulgaria</div> <div>10h:30 - 12h</div> <div>Presentations: 60 min</div> <div>Discussion: 40 min</div>	<div>Ukraine</div> <div>10h:30 - 12h</div> <div>Presentations: 40 min</div> <div>Q/A: 20 min</div> <div>Discussion: 30 min</div>	<div>Italy</div> <div>11h - 12h:00</div> <div>Presentations: 60 min</div> <div>Discussion: 40 min</div>
LUNCH BREAK							
<div>Netherlands</div> <div>14h - 16h</div> <div>Presentations: 40 min</div> <div>Discussion: 40 min</div>	<div>Romania</div> <div>14h - 16h</div> <div>Presentations: 60 min</div> <div>Discussion: 40 min</div>	<div>France</div> <div>14h - 16h:15</div> <div>Presentations: 60 min</div> <div>Discussion: 45 min</div>	<div>Sweden</div> <div>14h - 15h:00</div> <div>Presentations: 60 min</div> <div>Discussion: 40 min</div>	<div>Slovenia</div> <div>14h - 15h</div> <div>Presentations: 40 min</div> <div>Discussion: 20 min</div>	<div>United Kingdom</div> <div>14h - 16h:15</div> <div>Presentations: 60 min</div> <div>Discussion: 45 min</div>	<div>PLENARY</div> <div>14h-14h30</div>	
				<div>Poland</div> <div>15h:00 - 16h:15</div> <div>Presentations: 20 min</div> <div>Discussion: 20 min</div>			
		<div>Denmark</div> <div>16h - 17h</div> <div>Presentations: 40 min</div> <div>Discussion: 20 min</div>					

WORLD FOR PARTNERSHIP

All workshop documents will be available at:
<https://www.wppf.eu/WorkshopDocumentsandWorkshop>

Meeting rooms are located:
Room Europa – Level 1, WPP center Europa 1403
Room Schengen – Level 1, WPP center Schengen 14

(WORKSHOP PARTICIPANTS)

All workshop documents will be available at:

<https://www.ecnr.eu/2024/09/29/2024-workshop-overview/>

Meeting rooms are located:

Room Europe – Level 0, WPP under Europe 1405

Room Schengen – Level -1, WPP under Schengen 1405

Looking forward to your fruitful and
constructive participation!

Fire protection at nuclear installations

The TPR Team



EU representative
Michael Huebel



Chair
Sylvie Cadet-Mercier



Vice-Chair
Lamberto Matteocci



Secretariat
Bharat Patel



Country Group 1
François Henry



Country Group 2
Dainius Brandišauskas



Fire safety analyses
Miguel Ángel Jiménez



Active fire protection
Gila Stoppa



Fire prevention and
passive protection
Rob Jansen

Team Leaders



38 experts from 17 countries + EC

Definition of findings

A **National area of good performance** which should be understood as an arrangement, practice, policy or programme related to fire protection that is recognized by the TPR review Team as a significant accomplishment for the country, and has been undertaken and implemented effectively in the country and is worthwhile to commend.

A **National area for improvement** which should be understood as an aspect of fire protection identified by the TPR Peer Review Team where improvement is expected, considering the arrangement, practice, policy or programme generally observed in other participating countries. It may also be self-identified by the country itself (i.e. self-assessment) where improvement is appropriate.