Foresight on new and emerging OSH risks associated with digitalisation by 2025

Dissemination and promotion workshop
Bucharest
7th February 2019

https://www.youtube.com/watch?v=7Pq-S57XQU&feature=youtu.be
Workshop ‘rules’

• The scenarios are to provide a stretching framework for discussions
• Let yourselves live the scenarios you work with and engage with the exercises
• Please ask if there is anything you do not understand
• You are not here as representatives of your respective organisations
• All views are valid and important
• No comments will be attributed
• Have fun!
09.25  Workshop introduction *(SAMI Consulting)*
09.30  Presentation on the future of ICT and discussion
10.00  Presentation of the scenarios and how they were developed
10.30  Discussion of ICT, methodology and Scenarios
10.45  *Coffee*
11.00  Group Exercise 1: Read scenarios and produce headlines for 2025
11.30  Plenary discussion of scenarios
11.45  Presentation on key OSH issues *(HSL)*
12.15  *Lunch*
13.15  Group Exercise 2: Key OSH challenges, opportunities in scenario
14.00  Group Exercise 3: Potential responses to new and emerging OSH issues in scenario
14.45  Tea
15.15  Feedback and discussion – OSH challenges and responses
15.35  Plenary Exercise: Cross-scenario analysis of responses to key new and emerging OSH responses
16.25  Plenary discussion critical OSH issues
16.40  Conclusions and next steps
16.45  Close
Exercise 1 – OSH Headlines for 2025

• 10 mins- Read your outline scenario
• 15 mins - Collectively discuss work in 2025 in your scenario and potential media headlines
• Final 5 mins - Agree one OSH headline to feedback
Feedback and discussion

• Each group to present **one** OSH headline

• Plenary discussion of key points and main differences between the scenarios
Exercise 2 – Changes to work by 2025

- Important to think **what are the changes in your scenario**
- Think about the position on the two axes and what is driving the change
- Remember that technology will be fundamentally different by 2025, and be driven by different objectives
- Review the OSH implications for your scenario
- Do not be constrained by current thinking or regulations
Exercise 2 –
OSH Challenges & Opportunities

**Part 1 (20 minutes)**
How will work change in your scenario and what are the key OSH challenges and opportunities? Think of impact and likelihood

**Part 2 (10 Minutes)**
What new types of job and issues could emerge that are currently not being considered? (surprises)

**Part 3 (10 minutes.**
Discuss how OSH will be managed in your scenario and the respective roles of those responsible (including technology)

**Conclusions (5 Minutes)**
Agree key new and emerging OSH challenges and opportunities
Exercise 2 – OSH Challenges & Opportunities

Think about all sectors of the economy:
• Manufacturing (22%)
• Distributive trades/ Plus transport and storage (32%)
• Professional and S&T/ plus ICT (13%)
• Construction (9%)
• Administration and support services (10%)
• Others

Also think about all types of OSH risk
## Feedback form

<table>
<thead>
<tr>
<th>OSH issue</th>
<th>Describe: OSH Challenge or opportunity?</th>
<th>Sector(s) of the economy</th>
<th>Comments (new or increasing, who most affected, nature of impacts etc.)</th>
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**Feedback form**

- OSH issue
- Describe: OSH Challenge or opportunity?
- Sector(s) of the economy
- Comments (new or increasing, who most affected, nature of impacts etc.)
Achieving the best outcomes

• Actions and policies to achieve the best outcome by 2025 in your scenario
• Need to address the OSH challenges and opportunities you identified in exercise 2
• Do not be restricted by current policies, be creative
• Actions and policies need to be specific and achievable but stretching
• Consider how policies can be implemented and the benefits
Exercise 3: Responses to new and emerging OSH issues in your scenario

• **Part 1 (5 minutes)**
  Review the OSH challenges and opportunities from exercise 2

• **Part 2 (20 minutes)**
  Develop list of potential action/policies and write on flip chart

• **Part 3 (10 minutes)**
  Decide on most important action/policies to:
  – Maximise OSH opportunity(ies)
  – Mitigate OSH challenge(s)
  – Identify one novel or surprising action/policy

**Part 4 (10 minutes)**
Capture the key actions/policies on the feedback form
## Exercise 3 – feedback form

<table>
<thead>
<tr>
<th>Description of action/policy</th>
<th>Expected OSH benefits</th>
<th>Implementation</th>
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</thead>
<tbody>
<tr>
<td>Opportunity</td>
<td></td>
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<tr>
<td>Challenge</td>
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<td>Surprising/novel</td>
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Evolution

Transformation

Exploitation

Fragmentation

Policy Option 1

Policy Option 2

Policy Option 3

Implications
- Success
- Failure
- Contingent on scenario

Action Plans
- Do Now
- Reject
- Monitor future events & Contingency Planning
## Template

<table>
<thead>
<tr>
<th></th>
<th>Evolution</th>
<th>Transformation</th>
<th>Exploitation</th>
<th>Fragmentation</th>
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</thead>
<tbody>
<tr>
<td>Policy 1</td>
<td>+5</td>
<td>-2</td>
<td>+4</td>
<td>0</td>
</tr>
<tr>
<td>Policy 2</td>
<td>-4</td>
<td>+5</td>
<td>+2</td>
<td>+4</td>
</tr>
<tr>
<td>Policy 3</td>
<td>+4</td>
<td>-2</td>
<td>+5</td>
<td>+3</td>
</tr>
<tr>
<td>Policy 4</td>
<td>+2</td>
<td>-1</td>
<td>0</td>
<td>+5</td>
</tr>
</tbody>
</table>
Plenary exercise – Wind tunnelling

• Each group to explain their highest priority OSH action/policy and how it will be implemented and the ranking in their scenario
• Each group consider the policies from the other three groups in their scenario
  – is it relevant?
  – would it achieve the desired benefits
• Rank between +5 and -5 and record why
• Would you implement the same way?
• Feedback results
• Repeat the above for second and third policies
Wind tunnelling: Feedback form

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Ranking -5 to +5</th>
<th>Comments</th>
</tr>
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<tbody>
<tr>
<td>Policy</td>
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<td>Policy</td>
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Discussion

• Consider the results of the wind tunnelling and implications for potential OSH policy
• What are the most ‘successful’ across the scenarios?
• What are the implications for policies that are highly scenario dependant?
• What are implications of different implementation requirements across the scenarios?
• What is surprising?
Conclusions and next steps
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