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

Focal Point Workshop, 23rd November 2017

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Anticipating new and emerging OSH challenges

Background to EU-OSHA’s work:

- A mandate from the Community Strategies for OSH since 2002

- EU Strategic Framework on Health and Safety at Work 2014-2020
  - Calls on EU-OSHA to “Anticipate possible negative effects of new technologies and changes in work organisation on workers’ health and safety”

- A priority in EU-OSHA’s Multi-annual Strategic Programme 2014-2020
EU-OSHA’s work on new and emerging OSH challenges

- Delphi studies on emerging physical, chemical, biological and psychosocial risks (2002-2006)
- Foresight on risks from new technologies in green jobs by 2020 (2010-2012)
- Scoping study for a foresight on emerging risks (2013-2014)
  - “The impact of ICT and work location on OSH”: top ranking
  - Based on desk research and stakeholders’ consultation
- Foresight on risks associated with ICTs by 2025 (on-going)
  - Link to the development of the EU Digital Single Market, a priority of the EU Commission
Foresight on new and emerging OSH risks associated with ICTs by 2025

- **Scenario-building: a tool for strategic futures thinking**
  - Doesn’t assume the future is pre-determined
  - To provide insight and stimulate debate into ways to shape the future
  - To mainstream OSH into other disciplines

- **Scenarios of plausible, possible futures:**
  - Help policy-makers gain insights into long-term developments
  - Better understand what decisions could help avoid/encourage these futures

- **Participatory:**
  - EU-OSHA’s stakeholders actively involved
  - Interviews and workshops with multi-disciplinary experts and policy-makers

- **Multidisciplinary**
  - Societal, technological, economical, political context are taken into account

http://osha.europa.eu

https://singularityhub.com/2016/04/05/how-to-think-exponentially-and-better-predict-the-future/
Foresight on new and emerging OSH risks associated with ICTs by 2025

Contractor: Health and Safety Laboratory, SAMI Consulting, Futurizon

<table>
<thead>
<tr>
<th>Work packages</th>
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<tr>
<td><strong>PUBLISHED</strong></td>
<td></td>
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<tr>
<td>2. Scenario development and testing</td>
<td>December 2016</td>
<td>September 2017</td>
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<td>3. Dissemination and promotion workshops</td>
<td>Q4 2017</td>
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• Final report: Q2 2018

http://osha.europa.eu
To stimulate debate among stakeholders

• “Crowdsourcing”, by Prof. Huws, UK (2015)
• “Robotics”, by Dr. Adj.Prof. Kaivooja, FI (2015)
• “Performance-enhancing drugs”, Prof. Bloomfield & Dr. Dale, UK (2015)
• “Additive manufacturing”, by Jeroen Junte, NL (2017)
• “Workers’ monitoring technologies”, by Dr. Egon van den Broek, NL (2017)
• “The future of the (e-)retail sector” (2018)

Available at: https://oshwiki.eu/wiki/Category:Identifying_new_and_emerging_risks

• Regulating the occupational safety and health impact of the online platform economy (2017)

Thank you for your interest and enjoy the workshop!