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# European Agency for Safety and Health at Work (EU-OSHA)

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**12 february 2020**

**Bilbao, Focal Point seminar**



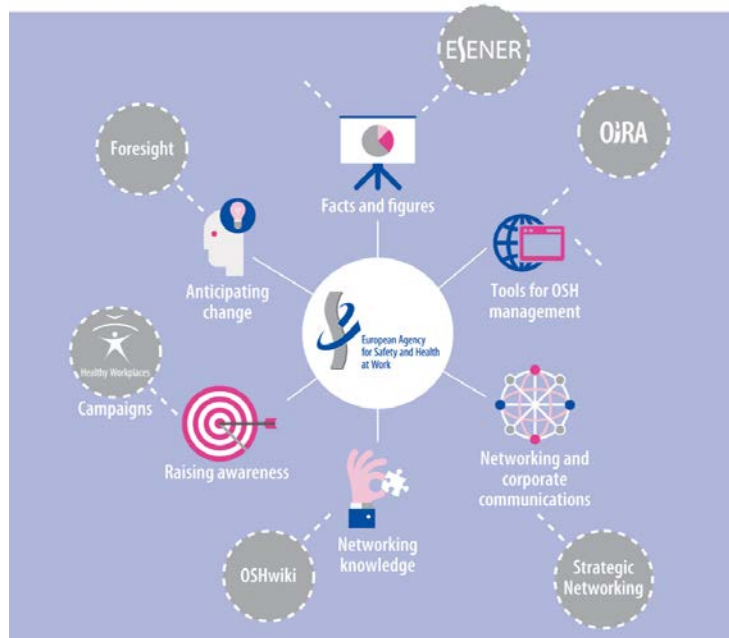
# Agenda of today

- 09:00 – 09:10 Welcome & Introduction
- 09:10 – 10:30 Presentations of the 2 new experts articles (35“ and max 5” for first questions).
  1. Supply chains and their present and future implications for occupational safety and health (09:10 – 09:50)
  2. Smart personal protective equipment: intelligent protection for the future (09:50 – 10:30)
- 10:30 – 11:00 Group discussions
  - Round 1 (group 1 in Julia (article 1) and group 2 Campanile (article 2))
- 11:00 – 11:30 Group discussions
  - Round 2 (group 1 in Julia (article 2) and group 2 Campanile (article 1))
- 11:30 – 11:45 *Coffee break*
- 11:45 – 12:15 Plenary feedback on our new insights related to managing OSH for the future.
- 12:15 – 12:55 Presentation and introduction of new futures related project.
  - Review on ‘The future of Agriculture and OSH’ by Alun Jones (IAMZ-CÍHEAM)
- 12:55 – 13:00 Closing

# Expert discussion articles on “The future of work”

## EU-OSHA Priority areas and activities

Multi-annual Strategic Programme 2014-2020



### Priority Area “Anticipating change”

*...EU-OSHA will produce high-quality information on **new and emerging OSH risks and challenges** and stimulate discussion on the issue. To do this, EU-OSHA will implement a large-scale foresight study, including research reports, articles and events, based on a scoping study and stakeholder consultation.*

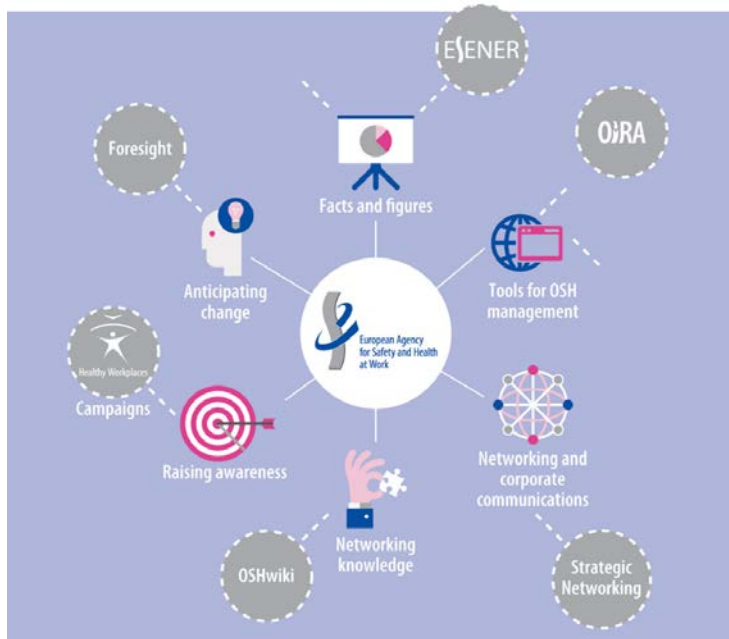
*In addition to the main foresight, **discussion and debate on emerging risks** will continue to be stimulated among the Agency’s stakeholders with the aid of **expert articles***

# Expert discussion articles on the future of work and OSH

- 1. Identify topics relevant to the future of work and OSH**
  - Foresight scoping study, internal discussion, input Fop's, OKAG consultation
- 2. Identify appropriate experts and commission articles**
  - Online research, consultation with e.g. Eurofound
  - Low value procurement
- 3. Finalise articles, summaries and presentations**
  - Internal review by EU-OSHA and dialogue with experts
- 4. Discuss articles with Focal Points, as key agency stakeholders**
  - Draft articles sent before the seminar
  - Organisation of today's seminar
- 5. Produce consolidated articles**
  - Combine the feedback from the seminar discussions with the articles, summaries and presentations for presentation on the web
  - Seminar online summary
- 6. Next steps**
  - Evaluate the project and decide on whether to hold additional seminars with other groups;

# Overview series of Expert discussion articles on “The future of work”

## EU-OSHA Priority areas and activities Multi-annual Strategic Programme 2014-2020



- **Crowdwork** - Prof. Huws, University of Hertfordshire, UK (2015)
- **Robotics** - Dr. Adj.Prof. Kaivooja, University of Turku, FI (2015)
- **Additive manufacturing** - Junte, Journalist, NL (2017)
- **Monitoring of workers** - van den Broek, Utrecht University, NL (2017)
- **The future of the (e-)retail sector** - Carter, HSL, UK (2018)
- **Performance-enhancing drugs** - Prof Bloomfield & Dale, Lancaster University, UK, (2018)
- **Management by Artificial Intelligence** - Dr. Moore, Leicester University, UK (2019)
- **Big Data for inspection efficiency** - Dr Dahl, SINTEF Technology and Society, NO (2019)
- **Social innovation in the context of digitalisation** - Saunders, Copenhagen Institute for Future Studies, DK (2019)
- **Exoskeleton** - Dr. Wischniewski, BAuA, DE (2019)

# Anticipating change... next at EU-OSHA:

## ANTICIPATING NEW AND EMERGING OSH CHALLENGES

- **The future of agriculture and OSH – literature review published end 2020**
- **New foresight 2020-2022, including Expert Articles on the future of work and OSH.**

## FOLLOW-UP WORK ON DIGITALISATION AND OSH

- **OSH overview (2020-2022)**
  - Automation of tasks, changed job contents and OSH (e.g. e-health, etc.)
  - Smart collaborative robotics and OSH
  - Monitoring and use of data
  - Online platform economy
  - Good OSH practices for new forms of work in the digital world
- **EU Healthy Workplaces Campaign on Digitalisation and OSH (2023-2024/25)**



Emerging risks

## Anticipating change: foresight projects

Work and workplaces are constantly changing. This may give rise to new risks and challenges to workers' safety and health, which must be anticipated and addressed. Through its foresight projects, EU-OSHA aims to anticipate changes — technological, societal, political and economic — that may result in the emergence of new occupational safety and health (OSH) challenges. The objective is to support timely prevention of future OSH risks, thus ensuring that tomorrow's workplaces are safe and healthy.

# Thank you for your attention!

Find out more about EU-OSHA's foresight projects at

