HORIZON 2020 and OSH-related Research

Dr Tuomo Karjalainen
Research Programme Officer/Environment and Health Research and Innovation Directorate-General Health Directorate

EU-OSHA Seminar 12 November 2014
A strong challenge-based approach, allowing applicants to have considerable freedom to come up with innovative solutions

- Less prescription, strong emphasis on expected impact
- Broader topics
- Simplified list of possible types of action (e.g., research and innovation -100%; innovation actions - 70%,...)
- Cross-cutting issues mainstreamed (e.g., social sciences, gender, international...)

Horizon2020 is different...
Europe 2020 priorities

Societal Challenges
• Health, demographic change and wellbeing
• Food security, sustainable agriculture, marine and maritime research and the bioeconomy
• Secure, clean and efficient energy
• Smart, green and integrated transport
• Climate action, resource efficiency and raw materials
• Inclusive, innovative and secure societies

Industrial Leadership
• Leadership in enabling and industrial technologies (ICT, nanotechnologies, advanced materials, biotechnology and advanced manufacturing and processing)
• Access to risk finance
• Innovation in SMEs

Excellent Science
• European Research Council
• Future and emerging technologies
• Marie Curie actions on skills, training and career development
• Research infrastructures

Supporting the objectives:
European Institute for Innovation and Technology
Joint Research Centre

Horizon 2020 structure

Shared objectives and principles
Common rules, toolkit of funding schemes

International cooperation
European Research Area

Simplified access

Dissemination & knowledge transfer
## Health challenge

- **PHC 1 – 2014** - Understanding health, ageing and disease: determinants, risk factors and pathways (includes occupational factors) → 2 relevant projects selected for funding (not finalised)

- **PHC 4 – 2015** - Health promotion and disease prevention: improved inter-sector co-operation for environment and health based interventions → Ongoing

- **PHC 28 – 2015** - Self-management of health and disease and decisional support systems based on predictive computer modelling used by the patient him or herself

- **PHC 31 – 2014** - Foresight for health policy development and regulation → selected for funding
  - **FRESHER** - FoResight and Modelling for European HEalth Policy and Regulation
  - **EURO-HEALTHY** - Shaping EUROpean policies to promote HEALTH equity

## Other areas

- OSH-relevant topics also under 'Smart, green and integrated transport', 'Climate action, environment, resource efficiency and raw materials', and 'Leadership in enabling and industrial technologies' (ICT and nanotechnologies)

*Subject to change*
Call 2016-2017: First draft of Scoping Paper under discussion with member states

Calls published next year

First ideas:
- Healthy workforce and ageing
- European Human Biomonitoring Initiative
Thank you for your attention!

http://ec.europa.eu/programmes/horizon2020/