



## IO2 C-STEP 2 'Future jobs'

## Fact sheet for lecturers: Unit 1 "Industry 4.0 and the impact on labour"

**Objectives and learning contents**

The session will be focused on Industry 4.0, what it means, what are the trends, how has it already been incorporated, what will the future world of work look like in the Future and what we can learn from industrial revolutions about skills needed can be covered.

Overview of the learning contents in Unit 1:

1. Introduction to Industry 4.0 and historical approach to industrial revolutions
2. Drivers of change
3. Business & Technology - A summary lecture on embedding Health and Wellbeing into Business Models and Processes
4. Future of work and future of counselling
5. National strategies/support activities

By focusing on the above-mentioned contents Unit 1 aims to meet the following **learning outcomes**:

- Understand what is Industry 4.0 and the historical approach to industrial revolutions;
- Be able to explore the trends which shape the world of work, the impact of technology and industrial revolutions;
- Understand the skills and knowledge required in the workplace of the specific job role;
- Understand the future of work and future of counselling.


**Material for use**

- Didactical framework, Unit descriptions and List of additional material and resources ([OUTPUTS – Academiaplus](#))
- List of learning material and resources (all materials can be found on Academia+ Moodle platform)

-  [>>> AGENDA 9th March, 2021](#)
- Speaker 1
  -  [1. Presentation: Industry 4.0 and the impact on labour](#)
  -  [2. Recording](#)
- Speaker 2
  -  [1. Presentation: Drivers of Change](#)
  -  [2. Results of the working group: Flinga-Drivers of change](#)
  -  [3. Recording](#)
- Speaker 3
  -  [1. Presentation: A summary lecture on embedding Health and Wellbeing into Business Models and Processes](#)





-  [2. Additional material: Helpful apps\\_Affys suggestions](#)
-  [3. Recording](#)
- Speaker 4
  -  [1. Presentation: Counselling for the Future \(Academia +\)](#)
- Speaker 5
  -  [1. Results of the working group: Considerations from Breakout room Diff. III](#)
  -  [2. Results of the working group: Contribution group similarities](#)
  -  [3. Results of the working group: Differences in national strategies, approaches](#)
  -  [4. Results of the working group: National strategies](#)
  -  [5. Results of the working group: Industry 4.0. Similarities](#)
  -  [6. Results of the working group: National strategies similarities regarding approach to 4.0](#)
  -  [7. Additional material: Links from the chat about national strategies](#)

### Preparation work

It is important for a good start to the training, whether it takes place in presence or online, to consider some preparation steps in order to make the Unit a success:

- To do a technical test with participants and lecturers in advance is highly recommend
- To have enough time for getting to know each other (participants and lecturer/-s)
  - To start the training with a brief introduction by the lecturer about him/her professional profile, institution, lines of research, etc., in order to get closer to the group
  - To ask for volunteers/participants to introduce themselves (name, institution and what they would like to learn) depending on the size of the group
- Lecturer explains the agenda for the day and get a first overview about the schedule for the session
- Lecturer presents a few brief indications and establishes some rules for the session (especially for an online training with many participants, some specific rules of conduct can structure the session and thus contributes to the success):
  - It is recommended to mute/ turn off all the microphones while the speaker is talking (otherwise, the connection will deteriorate, background noise and any interference will cause anxiety and poor understanding)
  - Depending on the number of participants, it is also necessary to turn off the video signal while the speaker is presenting. More video signals means more data consumption, which may affect the quality of the conference. In small groups or for group work and discussions in several groups it is useful to switch on the video signal.
  - While using the common platforms (Zoom, MS Teams, etc.) there are two different options for asking questions while an input session. On the one hand, it is possible to use the chat. It is very helpful to collect and channel the questions during a longer input session. The questions asked in the chat can then be answered in special Q&A sessions. On the other hand, Zoom and MS Teams provide different actions for





participants who want to say or ask something. Participants can raise their hand symbol when they have a question or want to say something. The little hand will then pop up at the speakers desktop so he/she knows that someone wants to say something.