



Jobs for Work 4.0 – The Future of Employment

Newsletter 1

Digitization is increasingly shaping the world of work. While computerisation has been historically confined to routine tasks involving explicit rule-based activities, algorithms for big data are now rapidly entering domains reliant upon pattern recognition and can readily replace labour in a wide range of non-routine cognitive tasks. Advanced robots are gaining enhanced senses and dexterity, allowing them to perform a broader scope of manual tasks. This will change the nature of work across industries and occupations

The project Jobs for Work 4.0 aims to promote awareness about the changing world of jobs.

<http://work4-0.eu>

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Digitization and its Impact on Employment

The aim of the project is to inform professionals working in career guidance and VET sectors about the threat to the future of certain employment sectors which digitalisation and the 'Internet of Things' poses. With digitisation and automation set to grow in the coming years and decades, the impact that this increased digitisation will have on future employees in a range of sectors will be significant. Although certain economic sectors will be negatively impacted on, and some traditional jobs will become obsolete because of digitisation, there will also be opportunities for new job families to emerge in the labour market, directly as a result of increased automation in industry, hospitality and the service industry. Therefore, the Jobs for Work project team believe that it is important to act now to begin raising awareness of the threats and opportunities by digitisation in the labour market among VET and guidance professionals so that they can better understand their role in supporting future clients successfully into employment.

What does our project want to achieve?

The overall objective of our project is to raise awareness about these developments, first and foremost among those professional who are working in the employment services. Our aim is to inform people working in the labour market service, but also in vocational orientation and education about these challenges, and to understand the astonishing pace at which digitization and the "Internet of Things" will foster significant changes and create entirely new job families while others will become obsolete.

We will develop Awareness Raising Guidelines and a Resource Pack that will inform and raise the awareness among people working in the employment sector, in vocational education and in job orientation professions about the most recent technological changes and their impact on future employment. The products will demonstrate which jobs are susceptible to computerisation and inform about the expected impacts of future computerisation on the labour market. Another important aspect will show how negative effects can be mitigated by vocational orientation and education.

Where are these materials available?

You will find first information about the project and its background on our homepage www.work4.0.eu.

The Guidelines and Resource Pack will be available in January 2018.