

AI4Labour Overview: The digital transformation of work is having a significant impact on the socio-economic dynamics of society. Moreover, recent pandemic conditions highlight the sensitivity, and positive and negative impacts, of the modern labour force to changing market conditions. AI Technologies not only impact service and manufacturing processes but also the nature of the work and the people who undertake this work. Given that studies on the future of work mention the possibility of automation of 30% of global working hours by 2030, the impact on roles and skills deserves attention. ‘Reshaping labour force participation with Artificial Intelligence - AI4LABOUR’, through a cross-disciplinary research approach, aims to predict the new role and skill requirements which will emerge. The collaboration of Strategic Management, Work and Employment, Economics and Data Science scholars, in partnership with key sectors and AI specialists across Europe, will seek to translate these role and skill findings into learning interventions. This will be achieved through an AI-powered skill modelling and skill development methodology. This novel methodology will be the foundation of a web portal, linking role, skill and learning solution recommendations for all actors - individuals, companies, institutions and policymakers.