

## Digitalization / Industry 4.0 – Interrelations with and Consequences for Technical and Vocational Education and Training (TVET)

Digitalization and Industry 4.0 will be combined with radical changes of economic paradigms, production, business models as well as of work processes. Identification and designing of appropriate competence development and qualification of workforce will be an important factor for evidence-based decisions for further developments of TVET systems to enable them to serve business sector and societies for adjusted human and social development. With that program of around one week it is intended to provide an overview on development tendencies in technological fields of industry 4.0 and related requirements in HR Development as well as demands for TVET.

### LEARNING OUTCOMES

On completion of the HCD program, participants will be able to:

- Know existing tendencies in terms of technical developments related to digitalization and industry 4.0
- Assess requirements for adjustments in diverse elements of TVET systems
- Derive and formulate strategies for related processes of change and development for qualification of workforce

### CONTENTS

- Tendencies in terms of changes in technology, business and work processes with view of various sectors and company sizes
- Selected specific change processes in the world of work and related quantitative and qualitative requirements in adjustment of TVET
- Different strategies in designing HR and competence profiles
- Approaches in modernizing initial and further training in TVET – orientation on lifelong learning
- Mechanism / methodologies for identification and addressing changing demands in qualifications of workforce

### HCD FORMATS

Our measures are designed and realized according to project requirements through different HCD formats.

Within the program there will be combined formats as study trips to companies, research and training institutions, workshops, knowledge sharing and reflection.

All HCD formats are building blocks that can be adapted to the respective social and working environment, needs, objectives and participant groups of the program.

### TARGET GROUPS

- Management staff of Ministries and subordinated bodies with responsibilities for HR and TVET planning
- Management staff of business associations, companies and in-company training centers
- Management staff of TVET research, TVET Teacher institutions and TVET training centers
- Their deputies and prospective holders of such posts

### ACCESS TO NETWORKS

- Field trips to a Competence Center Industry 4.0
- Round tables with representatives of TVET Institutions, ministries, business associations, chambers, companies and training centers
- International UNEVOC Network

### YOUR CONTACT

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