

4th Regional Industrial Policy Seminar

Tallinn, Estonia, 11th - 12th June 2018

“Introduction of advanced digital manufacturing technologies in European regions”

Background to the seminar

- This is the fourth in a series of Regional Industrial Policy Seminars (RIPS), which started in 2016. The previous seminars were themed on (i) Regional industrial policy after a large manufacturing plant closure, (ii) Skills and Smart Specialisation – Policies and practices and (iii) Internationalisation policies for a future-oriented regional manufacturing sector.
- These four seminars are an integral part of the Pilot Project [The Future of Manufacturing in Europe](#), an EU-financed project which has been delegated to [Eurofound](#), an agency of the European Union.
- The aim of the seminars is to investigate the role of regional actors and policies from different areas in promoting employment, taking into account the very significant economic and technological challenges and opportunities for manufacturing in Europe.
- This particular seminar aims to explore how European regions are designing and implementing policies and strategies to facilitate companies, in particular SMEs, to transition towards the Industry 4.0 paradigm. Seminar participants will be encouraged to discuss their experiences as regards the coordination of digitalisation policies among the different administrative levels, with lessons learned as regards efficient and effective support offers and company practices.
- The seminar takes place on 11th-12th June 2018 in Tallinn, Estonia. It is well known that Estonia is the world leader in e-Government and a promoter of innovative policies for the digitalisation of its industry.
- While a considerable number of speakers represent regional level actors, the seminar will also feature experiences from national and European level. Decision makers and influencers of regional policy, representatives from companies and industries as well as social partners will share their experiences and assessments as regards digitalisation policies and practices.
- The seminar will be strongly oriented towards open discussions, experience sharing and mutual learning between participants, with a view to gaining a deeper understanding of how to construct and conduct positive policy processes related to the digitalisation of the manufacturing sector.

Seminar Programme

Sunday 10th June

18.00 – 20.00 Registration at Radisson Blu Hotel Olümpia, Tallinn

Day 1 – Monday 11th June

08.30 Final registration for seminar participants

09.00 Welcome and introduction

Donald Storrie, **Eurofound** and Frank Siebern-Thomas, **European Commission (DG GROW)**

9.10 SESSION 1 – DIGITALISATION POLICY FRAMEWORKS IN EUROPEAN REGIONS – FROM THE EU TO THE REGIONAL LEVEL

Location: meeting room Gamma

Moderator: Donald Storrie, *Chief researcher, Eurofound*

A representative from the European Commission will provide a framework for the topic of the seminar, by introducing how the EU is contributing to digitalisation processes. This will be complemented by presentations from national and regional representatives from some Member States, describing their specific frameworks where policy practitioners operate at various administrative levels. The focus will be on policies to assist companies (especially SMEs) to introduce digital technologies in manufacturing – encompassing topics related to innovation, industrial and regional development, and employment. Links will be made between digitalisation strategies at national and regional levels, showing how they interact and complement each other. The session will aim at generating discussion on the main policy approaches and tools used by policymakers in European regions to support digitalisation in workplaces and on the role of EU and national programmes in this context.

09.15 The EU level framework for digitalisation

Andrei Bunis, *Policy officer, European Commission (DG GROW)*

09.30 Experiences from the national level

09.30 Anu Kull, *Executive officer, Estonian Ministry of Economic Affairs and Communications (EE)*

09.45 Klaus Oberreiter, *Head of Policy and Location Strategy, Business Upper-Austria (AT)*

10.00 Christian Fini Henriques, *Head of Section, Danish Business Authority (DK)*

10.15 Q&A, discussion with the participants

11.00 Coffee break

11.20 SESSION 2 – SUPPORT TO DIGITALISATION IN COMPANIES: EXAMPLES OF REGIONAL SUPPORT INSTRUMENTS

Location: meeting room Gamma

Moderator: Valentina Patrini, *Research Officer*, Eurofound

This session will focus on concrete programmes and initiatives promoted by public authorities at various administrative levels to facilitate the introduction of digital technologies in the workplace. The speakers will present cases of successful policy interventions, looking at their characteristics in terms of relevance and effectiveness. In this framework, special attention will be paid to the role of national, regional and local authorities in the instruments' design and implementation processes.

11.25 EU-support for digitalisation

María Roca, *Project Manager*, I4MS - ICT Innovation for Manufacturing SMEs (ES)

11.40 Regional examples of support for digitalisation

11.40 Jüri Riives, *Chairman of the board*, Innovative Manufacturing Engineering Systems Competence Centre (IMECC) (EE)

11.55 Juha Suuronen, *Director*, Business Finland (FI)

12.10 Paolo Manfredi, *Consultant*, Confartigianato (IT)

12.25 Hans Praat, *Business Development Manager*, Northern Netherlands Regional Development Agency (NL)

12.40 Q&A, discussion with the participants

13.10 Lunch at the hotel restaurant

14.30 Departure to the site visit by bus

15.00 SESSION 3 – SITE VISIT

Location: Tallinn University of Technology, room U05-103

Moderator: Eleonora Peruffo, *Research Assistant*, Eurofound

In this session, we will visit Tallinn University of Technology and their robotics lab. The university is the only technological university in Estonia and the flagship of Estonian engineering and technology education. During the visit, the representatives of the lab will introduce their operations and a company will present how collaboration with TTÜ and IMECC has helped them.

15.00 Presentation of the Tallinn University of Technology Robotics lab

Kristo Karjust, *Associate Professor*, Tallinn University of Technology (EE)

15.20 Company case

Kaarel Suuk, *Plant Director*, Ensto Ensek AS (EE)

15.30 A tour of the lab

16.15 Coffee break

16.30 SESSION 4 – COMPANY PERSPECTIVE: WHAT DOES DIGITALISATION MEAN FOR COMPANIES?

Location: Tallinn University of Technology, room U05-103

Moderator: Eleonora Peruffo, *Research Assistant*, **Eurofound**

This session focuses on companies that have recently digitalised their production processes. Experiences and illustrative examples will be presented: implementation of these digitalisation processes, their benefits and drawbacks as well as lessons learned in terms of what works and what does not. Contributions will also shed light on the support received from public actors (if any) and the pending needs in terms of digitalisation support for SME manufacturers.

This session will be held at the premises of Tallinn University of Technology.

16.35 Company cases

16.35 Maria Chiarvesio, *Professor*, **University of Udine** (IT)

16.50 Tomi Ilijas, *CEO*, **Arctur** (SI)

17.05 Martins Sarkans, *Development Engineer*, **Norcar BSB Eesti** (EE)

17.20 Alvaro Arranz Vela, *IT Manager*, **Pago de Carraovejas** (ES)

17.35 Q&A, discussion with the participants

18.20 Departure from TTÜ by bus to the restaurant

19.30 DINNER ([FARM restaurant](#))

Day 2 – Tuesday 12th June

9.30 SESSION 5 – WORKFORCE PERSPECTIVE

Location: meeting room Gamma

Moderator: Donald Storrie, *Chief researcher, Eurofound*

Digitalisation is not only transforming the production processes but also has significant implications for the workforce in companies. This session will focus on the workforce perspective, not least on how their involvement in the anticipation and management of change can best facilitate this transformation for employees. This session will provide specific examples of the impact of digitalisation processes in companies and focus on how initiatives such as re-skilling and new forms of work organisation can both boost productivity and improve working conditions.

9.35 Implications of digitalisation for the workforce in companies

9.35 Anu-Hanna Anttila, *Head of research, Finnish Industrial Union (FI)*

9.50 Tony Murphy, *Manufacturing division, Service Industrial Professional and Technical Union (IE)*

10.05 Fredrik Soderqvist, *Economist, Unionen (SE)*

10.20 Fredrik Hases, *IT Manager and local union president, Boliden AB (SE)*

10.35 Q&A, discussion with the participants

11.00 Coffee break

11.30 INTERACTIVE SESSION

Three breakout sessions. Participants will be split in three groups to discuss the main subjects of the seminar. Moderators: Donald Storrie (blue group – room Gamma), Eleonora Peruffo (red group – room Beta) and Valentina Patrini (yellow group – room Epsilon).

12.30 Lunch at the hotel restaurant

13.30 WRAP UP AND CONCLUSIONS

Location: meeting room Gamma

13.35 Reporting back from interactive session

14.15 Tour de table of participants – what to take home from the seminar?

15.00 Concluding remarks

Donald Storrie, **Eurofound** and Frank Siebern-Thomas, **European Commission (DG GROW)**

15.15 End of Seminar