

AGENDA

ETF NETWORK FOR EXCELLENCE – GRETA: GREENING RESPONSES TO EXCELLENCE THROUGH THEMATIC ACTIONS

LOOKING INTO THE GREEN AND DIGITAL FUTURE
26 APRIL 2023, 12:00 – 14:45 CEST - ONLINE (ZOOM)

ETFs global Network for Excellence – ENE - supports vocational excellence development together with more than 270 centres of vocational excellence from more than 40 countries.

The **green and digital transitions** require technological knowledge and test facilities that are ready for industrial use and strong partnerships. It also ask for **resource awareness** of the digitalisation and **considerations** of artificial intelligence. The transitions create a **need for new skills and knowledge** essential for building a sustainable and digitally enabled economy.

ENEs green VET partnership, **GRETA** (Greening Responses to Excellence through Thematic Actions), supports **greening of VET** as response to the green and digital transitions and cooperates with the Danish Technological Institute (DTI). GRETA's **whole institutional framework** sets the methodological frame **for greening of VET** around **five interlinked dimensions**: 1) Strategies for going green 2) Green curricula 3) Enabling teachers and trainers 4) Stakeholder collaboration 5) Funding and policy alignment.

GRETA's **thematic online sessions** present and share good practices, and have focused on:

- Green continuing professional development – online study visit (1 June 2022)
- Practices and funding possibilities for green international partnerships (30 June 2022)
- Regional skills ecosystems and their importance for the greening of VET (30 September 2022)
- Green training programmes and their role in addressing green skill demands (27 October 2022)
- Greening strategies (8 February 2023)

This sixth thematic session, taking place **26 April 2023**, focus on **skills for a green and digital future**. We zoom in on selected **green technologies** and their **skills implications**.

We visit **research laboratories** at the DTI and will be presented to **new green technologies** and see how they can promote a more sustainable future. We discuss the **skills implications** with the **Confederation of Danish Industry** and importance of **social dialogue** in the future green skills delivery. Linked to this, **the European Commission** will present policy updates including on the **Green Deal Industrial Plan for the Net Zero Age** and **European Year of Skills**. Also, the **Skills for the Green Transformation Toolkit** will be presented by **VET Tool Box**.

Key takeaways from the sixth thematic session in GRETA:

- ⇒ Awareness of new emerging technologies within construction and energy efficiency
- ⇒ Knowledge how new technologies affect the skills demand and the design of VET programmes
- ⇒ Update on relevant developments and activities at the EU level and next steps in GRETA

For more information on GRETA please visit [GRETA's Open Space page](#) or contact Susanne M. Nielsen at ETF smn@etf.europa.eu.

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Time	Activity	Speaker/s and support
12.00 – 12.10	<p>Welcome and agenda</p> <p>ENE – ETF Network for Excellence</p> <p>GRETA – Greening Responses to Excellence through Thematic Actions</p>	<p>Georgios Zisimos, Head of Policy Advice and EU Programming, ETF</p> <p>Susanne M. Nielsen, Lead Expert for GRETA, ETF</p>
12.10 – 12.20	<p>Key note: The big transitions Key requirements that can make or break the green and digital transitions</p> <p><i>The Joint Research Centre is the European Commission's science and knowledge service carrying out research to provide independent scientific advice and support to EU policy</i></p>	<p>Kathrine Dybdahl Jensen</p> <p>Policy Analyst, Joint Research Centre, European Commission</p>
12.20 – 12.30	<p>Green technology transfer in practice</p> <ul style="list-style-type: none"> ▪ Importance of sustainable digital technologies in the green transition ▪ Introduction to DTI virtual tour 	<p>David Tveit Executive Vice President Energy&Climate, DTI</p>
12.30 – 13.20	<p>Live presentation of new green technologies at the DTI</p> <ul style="list-style-type: none"> ▪ 3D Printed Buildings <p><i>DTI's <u>Concrete Centre</u>, is the largest knowledge centre specialising in activities related to concrete technology in Denmark. It offers research and development, certification, testing, as well as consultancy on infrastructure projects. The centre is involved in projects exploring the potential of 3D printing technology within construction.</i></p> <ul style="list-style-type: none"> ▪ Indoor Climate Laboratory <p><i>The <u>Indoor Climate Laboratory</u> at DTI's Energy Efficiency and Ventilation Centre was established in 2021. The laboratory is an experimental facility that can be customised for the development and testing of energy efficient and sustainable components of heating, ventilation, and air conditioning solutions.</i></p>	<p>Thomas Juul Andersen, Architect and Team Manager, DTI</p> <p>Lasse Skammelsen Trankjær Business Manager, DTI</p>
13:20 – 13:30	<p>Brief comfort break</p>	
13:30 – 14:00	<p>Skills outlook: The impact of emerging technologies for the green transition on future skills demand</p> <p>Presentation by the Confederation of Danish Industry</p> <p><i>The <u>Confederation of Danish Industry (DI)</u> plays a key role in the trade committees responsible for VET programmes within construction and energy efficiency. It is a private business and</i></p>	<p>Anja Trier Wang, Leading senior advisor, Confederation of Danish Industry</p>

	<p><i>employers' organisation representing approx. 19,000 companies in Denmark.</i></p> <p>Exchange with Centres of Vocational Excellence</p> <p>How are your centres preparing students for the emerging technologies in the green transition ?</p> <p>What steps are you taking to ensure that your institution stays up-to-date with emerging technologies ?</p> <p>How are you collaborating with industry partners to provide relevant training and work-integrated green learning opportunities for your students ?</p> <p>Facilitated by Susanne M. Nielsen, ETF</p>	GRETA Centers of Vocational Excellence
<p>14.00 14.15</p>	<p>Skills for the green and digital transitions – European Commission update</p> <p><i>Green Deal Industrial Plan for the Net-Zero Age to enhance competitiveness of Europe's net-zero industry and accelerate the transition to climate neutrality</i></p> <p><i>European Year of Skills puts skills centre-stage, helping people get the right skills for quality jobs and helping companies (SMEs in particular) address skills shortages</i></p> <p><i>European Vocational Skills Week (23-27 October 2023,) bringing all stakeholders together to showcase best practices in VET and to inspire others</i></p>	<p>Tim Van Rie,</p> <p>Policy Officer digital and green Skills</p> <p>DG Employment, Social affairs and Inclusion, European Commission</p>
<p>14.15 – 14.30</p>	<p>Presentation of the Skills for the Green Transformation Toolkit by VET Toolbox</p> <p>Skills for the Green Transformation – VET Toolbox</p> <p><i>VET Toolbox is funded by the European Commission and the German Government. It is an international facility aiming to improve the effectiveness of VET systems turning investments into drivers for inclusive economic growth, social development, and decent job creation.</i></p>	<p>Bart Horemans Team Leader, VET Tool Box</p> <p>Anna Lazor, VET Toolbox Liaison Officer for GIZ</p>
<p>14:30 – 14:45</p>	<p>Closure</p> <p>What's next in GRETA on greening of VET</p> <p>Updates from ENE</p>	<p>Susanne M. Nielsen, Lead Expert for GRETA (ETF)</p> <p>Jose Manuel Galvin Arribas, Thematic Coordinator for ENE (ETF)</p>