



Green & digital transformation in education



Brussels | November 15th, 2022

Organizer:



Agenda of the Annual Meeting of the New Education Forum in Brussels

15th of NOVEMBER, 2022

The New Education Forum Brussels

Green & digital transformation in education

The **New Education Forum Brussels** closes this year's set of regional meetings held around the European Union: Brussels online in January 2022, Edinburgh and Santander in February, Warsaw in May and Bielsko-Biała in October. The closing event will give opportunity to:

- synthesize recommendations of the regional NEFs and
- take a closer look at the local and regional initiatives which enrich the European educational environment responding to two big European challenges: the **European Green Deal and digital transformation**.

As part of the European Green Deal, the EU has set itself a binding target of **achieving climate neutrality by 2050**. The EU is working on the **revision of its climate, energy and transport-related legislation** under the so-called 'Fit for 55 package' in order to align current laws with the 2030 and 2050 ambitions. A number of new initiatives are also included in the package.

The **Fit for 55 package** set of new legislative proposals and amendments to existing EU legislation, will help the **EU cut its net greenhouse gas emissions by at least 55% by 2030 compared to 1990**. The key areas of this action include:

- greenhouse gas emissions from all economic sectors, including industry, transport, energy, agriculture and waste
- greenhouse gas removals by carbon sinks such as forests
- funding for a just transition
- renewable energy
- energy efficiency
- more alternative fuels and more charging stations for electric vehicles
- energy taxation
- a carbon border adjustment for certain imports.

Such ambitious plans require educational efforts to guarantee their sustainability. Furthermore, the Fit for 55 package aims at reaching the EU's climate objectives, of which one is to ensure a just and socially fair transition. Again, without wide and complex educational agenda this crucial goal may be impossible to reach.

In consequence, EU Member States as well as European institutions should seek support of educational key agents. Such structural change requires good cooperation between diverse stakeholders. An important tool to enhance learning processes is presented by the digital world. The recent Covid-19 pandemic has demonstrated the necessity of ICT competences. In addition, emerging new technologies of the European companies are seeking to capitalize on digitally skilled employees. To keep up with changing market conditions and competition, business understands it requires modernization of workplace cultures.

Therefore, the main topics for the 2022 New Education Forum Brussels will be:

- green transformation supported by educational approaches
- impact of the green and digital transformations on the employability of the European workers
- digital transformation shaping EU education.

Agenda of the Meeting of the New Education Forum Brussels

15th of NOVEMBER, 2022

8.30 — 9.00

Registration.

9.00 — 9.15

Welcoming.

Opening by

- **Joanna BOCHNIARZ**
General Director, CIE - Center for Innovative Education
- **Jacek KRAWCZYK**
Member of the European Economic and Social Committee, Employers' Group
- **Tomasz FRANKOWSKI**
Member of the European Parliament, Member of the Committee on Culture and Education

9.15 — 9.30

Opening statement.

- **Sabine VERHEYEN**
Member of the European Parliament, Chairwoman of the Committee on Culture and Education

9.30 — 9.35

Presentation of international research results on European teachers and students' awareness and engagement in the green transformation - Center for Innovative Education.

- **Joanna BOCHNIARZ**
General Director, CIE - Center for Innovative Education

9.35 — 10.55

I Panel discussion: Formal education's readiness for green transition in light of presented research and Council recommendation on individual learning accounts to boost training of working-age adults.

Formal education in the EU requires evidence-based and accessible information on the climate, environmental and biodiversity crisis and its drivers. Recommendation adopted by the Council in June 2022 aims to stimulate and support policies and programmes about learning for the green transition and sustainable development. "This is crucial to ensure learners of all ages acquire the knowledge to live more sustainably, obtain the skills needed in a changing labour market and take action for a sustainable future." (Council of the EU, Press release, 16th June 2022, www.consilium.europa.eu). How can we help educators take part in professional development programmes related to sustainability? What learning opportunities can be provided in formal settings and how can we support and enhance teaching and learning for the green transition?

Moderation by

- **Delphine RUDELLI**
Director General, Ceemet, European Tech & Industry Employers
- **Isabelle BARTHES**
Deputy General Secretary, IndustriAll European Trade Union
- **Seamus HOYNE**
Dean of Flexible and Work Based Learning, Technological University of the Shannon
- **Tim SCHREIBER**
Policy Officer at Unit for Vocational Education and Training, CEDEFOP; European Commission; DG EMPL

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10.55 — 11.25

Networking break

11.25 — 11.30

**Presentation of NEF+ project:
Disseminating knowledge and
practice of outdoor and digital
learning in VET.**

The Erasmus+ project 'New Education Forum +' (2021-2023) creates a multilingual platform for a European network around Outdoor Learning (OL) in VET, with an emphasis on how digital learning tools can enhance (outdoor) learning processes. Results include two thematic literature reviews and an online repository of resources that also features good practices in OL for VET from different European countries. All outputs are open access and aim to provide professional development and networking opportunities for practitioners and other stakeholders interested in harnessing the benefits of OL in VET contexts for the development of transversal competencies, physical and mental health and wellbeing, and environmental sustainability.

Moderation by

- **Jule HILDMANN (PhD)**

Senior Research Fellow, The University of Edinburgh, UK

13.30 — 12.50

**II Panel discussion: Digital learning
solutions vs. digital literacy**

To support and enhance Europe's sustainable development, adequate infrastructure, including digital tools and resources should be ensured for educational providers. They are indispensable to build the new European Competence Framework on Sustainability (GreenComp). The European Commission has set targets in the European skills agenda and the digital education action plan aiming to reduce the level of 13-14 year-olds who underperform in computing and digital literacy from 30% (2019) to 15% in 2030. What are the good practices implemented across the EU that help achieve this ambitious goal in the light of NEF+ research results? How can we enhance VET learning through digital environment so it becomes an exciting pathway for the European youth?

- **Robert PLUMMER**

Senior Adviser, BusinessEurope

- **Andreas RIEPL**

Federal Ministry of Education of the Austrian Government

- **Loukas ZAHILAS**

Head of the Department for VET and Qualifications, CEDEFOP

- **Ana CARRERO**

Deputy Head of Unit Vocational Education and Training, CEDEFOP; European Commission, DG EMPL

- **Victor NEGRESCU**

Member of the European Parliament, Member of the Committee on Culture and Education

12.50 — 13.00

Closing remarks

- **Joanna BOCHNIARZ**

General Director, CIE - Center for Innovative Education

SPEAKERS



Joanna BOCHNIARZ

CEO of the Center for Innovative Education



CEO of the Center for Innovative Education and co-creator of the New Education Forum. She has been developing educational programmes for school communities, businesses, and national and regional governments since 2004. Previously a business lawyer at a national law firm (1994-2009), She is a University of Warsaw and ESADE Business School alumni.



Tomasz FRANKOWSKI

Member of the European Parliament, Member of the Committee on Culture and Education



Born in 1974 in Białystok, Poland, Tomasz Frankowski is a former Polish national footballer. After his successful football career, he became a member of the Civic Platform. Following his election to the European Parliament in 2019, he is a member of the Committee on Culture and Education and the Committee on Transport and Tourism. He is also a co-Chair of the Sports Group in the European Parliament.



Sabine VERHEYEN

Member of the European Parliament, Chairwoman of the Committee on Culture and Education



In 2019 she got elected as Chairwoman of the Committee for Culture and Education, after having served as coordinator for the European People's Party in this committee for five years. She focuses in particular on education and media policy as well as digital agenda issues. Furthermore, she is a member of the special committee on disinformation. As former mayor of Aachen (1999 to 2009), she focuses additionally on issues that are of relevance to the local authorities.



Delphine RUDELLI

Director General, Ceemet, European Tech & Industry Employers



In 2020, Delphine Rudelli was appointed as Director General of Ceemet.

After graduating in law and political science, Delphine began her career in UIMM, the French member of Ceemet, where she advised companies in foreign labour law and European social legislation. In 1999, she joined Ceemet, the European employer's organisation for the metal, engineering and tech-based industries in Brussels as a social affairs advisor.

After nearly eight years in Brussels, Delphine returned to Paris as the Head of UIMM's European affairs department where she would eventually become the Director of the European and International affairs Department.

At international level, Delphine was the International Employers' Organisation (IOE) spokesperson at the International Labour Conference for the discussion on social dialogue (2018) and on inequalities at the workplace (2021). And in 2019, she negotiated the International Convention on violence and harassment at work on behalf of MEDEF.

SPEAKERS



Isabelle BARTHES

Deputy General Secretary, IndustriAll
European Trade Union

Isabelle Barthès is Deputy General Secretary of industriAll Europe Trade Union, the European Trade Union Federation representing industrial workers in metal, chemicals, textile and energy sectors. She has extensive experience of the trade union movement at European level. She is dealing with Collective Bargaining and Social Policy, digitalisation and youth. She is also in charge of industrial sectors such as aerospace, ICT, mechanical engineering and defense.

Prior to her current role, Ms. Barthès worked as a Senior Policy Adviser at industriAll from 2015 until 2020 where, amongst a variety of duties, she was responsible for monitoring national collective bargaining and social policy developments as well as relevant EU policies, for coordinating and drafting political positions and for managing and leading transnational company negotiations. She has had numerous successes in implementing IndustriAll's Europe policy in the steel, metalwork and education sectors.

Ms. Barthès holds an MSc in Urban and Regional Planning from the London School of Economics, as well as a Diploma of Advanced European Studies from the College of Europe.



Tim SCHREIBER

Policy Officer at Unit for
Vocational Education and
Training, CEDEFOP; European
Commission; DG EMPL

Tim Schreiber is a Policy Officer at the European Commission's Directorate-General for Employment, Social Affairs and Inclusion (DG EMPL). He works in the unit in charge of Vocational Education and Training (VET). His tasks focus on the skills needed for the green transition on the labour market, internationalisation of VET, innovation in VET as well as higher VET.



Seamus HOYNE

Dean of Flexible and Work Based
Learning, Technological University
of the Shannon

Seamus Hoyne is a Mechanical Engineer with Masters in Renewable Energy and Energy Management from the University of Limerick and University of Ulster. He has been involved in R&D in the energy sector since 1993. From 1998 to 2012 he was the Managing Director of the Tipperary Energy Agency (TEA) and grew the organisation from initial concept to where it is one of the leading Energy Agencies in Ireland and Europe. In January 2021 he was appointed as Dean of Flexible and Work Based Learning and Head of Centre for the Thurles Campus.



Ana CARRERO

Deputy Head of Unit Vocational
Education and Training, CEDEFOP;
European Commission, DG EMPL

Ana Carrero is deputy head of the unit in charge of vocational education and training, as well as digital and green skills in the Directorate General of Employment, Social Affairs and Inclusion of the European Commission. Previously, she was responsible for promoting the modernisation of the labour market, skills and social protection systems in Spain, in accordance with the European Semester reform agenda, as well as ensuring social cohesion through the effective programming and implementation of the European Social Fund and the Youth Employment Initiative.

SPEAKERS



Robert PLUMMER

Senior Adviser, BusinessEurope



Robert is a senior adviser responsible for issues concerning migration and mobility, education and skills, social dialogue and the European Labour Authority. Prior to joining BusinessEurope, Robert worked as a political adviser for the Alliance of Liberals and Democrats for Europe (ALDE) party. He attended Keele University in the UK and holds a Ph.D in industrial relations and human resource management, focusing on a comparative study of the demand for EU migrant workers in Sweden and the UK. He also has an MA in European industrial relations and human resource management and a BA in human geography and human resource management.



Jule HILDMANN (PhD)

Senior Research Fellow, University of Edinburgh; Head of Research, CIE



She was a lead researcher on FOLM. Her research and teaching explore the benefits of nature experience for personal and social growth and wellbeing within a framework of sustainability, as well as the leadership perspective of how to facilitate these learning processes with outdoor experiential learning as pedagogy. Jule has qualifications in formal and non-formal education as well as outdoor learning and counselling.



Andreas RIEPL

Federal Ministry of Education of the Austrian Government



Andreas Riepl is head of Austria's network eEducation with the focus of strengthening digital skills of teachers. He has been teaching in Upper Secondary education in Austria for over 20 years using digital media and open learning scenarios and has developed the Open Source suite Exabis. His background is in sociology and business informatics.



Loukas ZAHILAS

Head of the Department for VET and Qualifications, CEDEFO



Dr Loukas Zahilas is currently Head of the Department for Vocational Education & Training and Qualifications (DVQ) at Cedefop, the European Centre for the Development of Vocational Training. He studied Chemistry and Information Technologies and he has a PhD in educational policies (qualifications frameworks).

He worked in VET schools and Institutes, the University of Athens and in 1994 he joined the Greek Ministry of Education/Organisation for VET. He served there for many years at various managerial posts representing Greece in EU bodies and groups like the Directors General for VET, the Advisory Committee for VET,.

SPEAKERS



Victor NEGRESCU

·Member of the European Parliament, Member of the Committee on Culture and Education



Victor Negrescu is a Member of the European Parliament, Vice-President of the Committee on Culture and Education (CULT), being part of the Group of the Progressive Alliance of Socialists and Democrats in the European Parliament. Victor Negrescu has been the rapporteur of the European Parliament for the report on Shaping Digital Education Policy and an active promoter of the allocation of 10% for quality and inclusive education of the National Recovery and Resilience Facilities, as well as 2% to the cultural and creative sector. He managed to obtain in this regard the support of the Budgets Committee members and integrated that in the official position of the European Parliament. In his activity as MEP, he strongly advocates for consistent investments in education, culture, digitalization and youth, by Member States and the European Commission. He is the MEP with the most significant pilot projects, generating in both mandates initiatives that go up to more than 60 million euros in the fields of education, digitalization, health, entrepreneurship, culture and media.

ADDITIONAL MATERIALS

Below you can find materials and presentations provided during the conference:

- Presentation of international research results on European teachers and students' awareness and engagement in the green transformation – Center for Innovative Education.

[Click here to view](#)

- Panel I: Presentation presented by Tim SCHREIBER

[Click here to view](#)

- Presentation of NEF+ project: Disseminating knowledge and practice of outdoor and digital learning in VET.

[Click here to view](#)

- Panel I: Presentation presented by Loukas ZAHILAS

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