

The role of vocational training in enabling a just energy transition

Promotion of Energy Efficiency and Implementation of the EU Energy Efficiency Directive in Ukraine (FEER)

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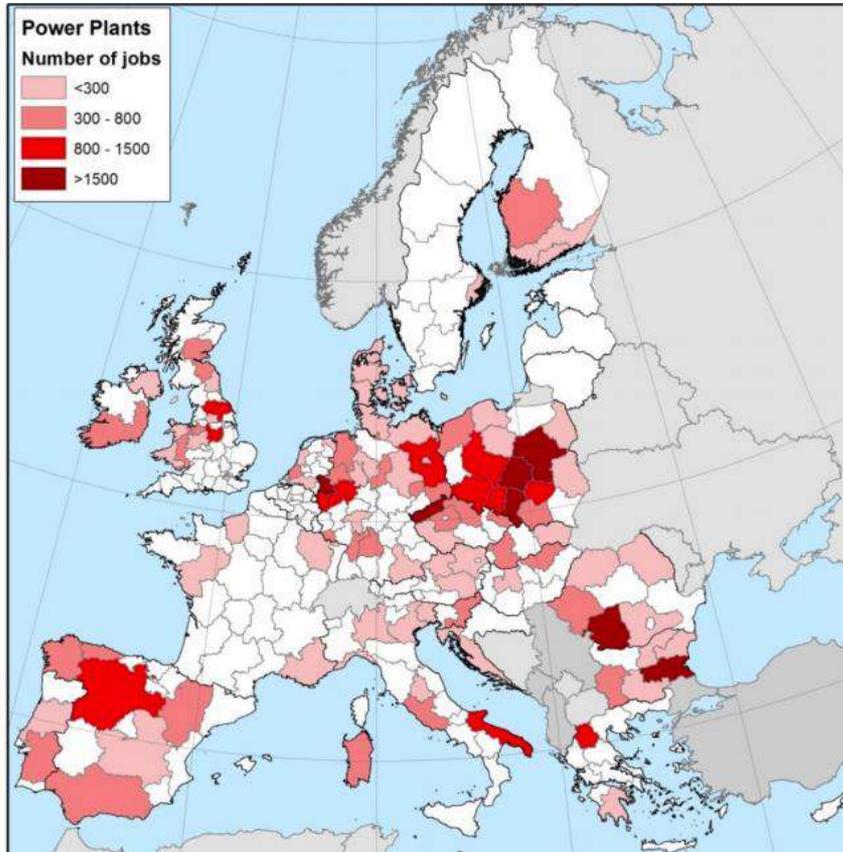
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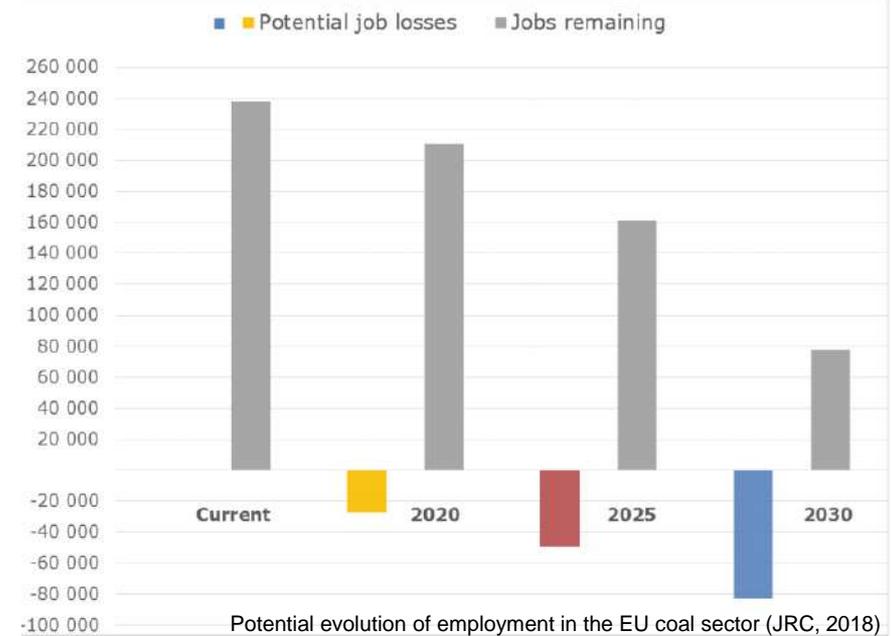
Implemented by



Employment evolution in the EU coal sector



Estimated number of direct jobs in active coal-fired power plants (JRC, 2018)



Out of 238 000 coal jobs in 2018, 12% were expected to be lost by 2020, another 20% by 2025 and another 35% by 2030.

The majority of coal regions have a lower regional GDP/capita than the national average.

Regions with highest unemployment rates are likely to be more sensitive to additional job losses.

Coal Exit Plan Germany

	2015	2020	2025	2030
Jobs in coal industry (business as usual)	20.696	16.770	16.970	14.472
Jobs in coal industry (climate change 2030 goals scenario)	20.696	16.770	12.642	8.011

Source: Öko-Institut (2019)

- Structural change fund of up to 40 billion EUR
- Regional economic development (tourism, e-mobility, energy)
- By 2030, almost two thirds of coal workers will retire
- Early retirement programme for further 10%

- Employment prospects for remaining 25%:
 - Power plan dismantling, rehabilitation of mining areas
 - Energy efficient building programme (19.000 to 37.000 jobs)
 - **Training programmes (e.g. Ruhr Coal Vocational Training Society)**



Employment in the Ruhr area's coal mining industry decreased from 600 000 people in 1957 to 6 000 in 2016.

Green employment in Germany



Source: UBA (2020)



Green jobs numbers are steadily growing – also including in the energy efficiency sector!

This trend also needs to be reflected in VET programmes and curricula.

Market-orientation of training offers need to be ensured.

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Component on Professional Qualification:



3

Three new energy efficiency related further training courses developed for higher and implemented in education institutions and vet schools



Energy efficiency related training courses are incorporated and offered by educational institutions



4000

Workers and professionals are trained in energy efficiency related courses;
20% Of them are women



Market-oriented offers

in qualification formation

and improvement for energy

efficiency related professions

FEER – professional qualification activities:



Update of occupational and educational standards



Improving the qualification of teaching staff



Capacity building of educational institutions



Popularization of energy efficiency in vet schools



Popularization of vet and energy efficiency professions among women and girls

FEER results & next steps

Preliminary results

- Based on the gap analysis, three professions were chosen for the development of new further training curricula
- 17 partner VET schools for incorporation of 4 developed curricula were selected
- An academic course developed by the component “supervision of construction works” is accredited at the University of Dnipro and incorporated at the Master’s program at the University of Kharkiv
- Promotion of VET and EE professions to women and girls through events as: Energy Days and Job Fairs (April and May 2021)

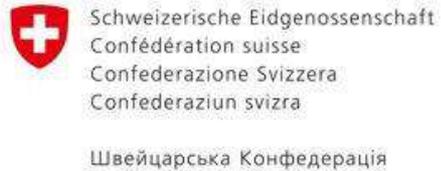
Next milestones

- ToT for teaching staff of the partner VET schools and the 4 regional state employments centers
- Development of new curricula for further training
- Integration of businesses in the ToT
- Informational events and further promotion of the EE qualification

Thank you for your attention!

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