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# Vocational education in Ukraine

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of Education and Science of Ukraine

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## REGULATORY AND LEGAL FRAMEWORK FOR THE DEVELOPMENT OF VOCATIONAL EDUCATION



**1. “Modern Vocational Education” Concept until 2027** (CMU Decree No. 419-p dated 12 June 2019)



**2. Concept for the Dual Training of Workers and the Action Plan for its implementation** (CME Decree No. 660-p dated 19 September 2018 and No. 214-p dated 3 April 2019)



**3. Draft Law of Ukraine “On Vocational (Technical and Vocational) Education”** (approved by the Government on 10 July 2019)

**6. Subvention for Modernisation and Upgrading of Equipment and Facilities of VET Institutions** (CMU Resolution No. 302 dated 10 April 2019)

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## Governmental Activity Programme in Education

- ✓ **Goal 1.** Every child has access to quality preschool education
- ✓ **Goal 2.** School graduates are self-sufficient and creative individuals having solid knowledge and competences needed in the modern world
- ✓ **Goal 3.** School graduates can choose from a wide variety of institutions providing vocational education with further job placement
- ✓ **Goal 4.** Higher education graduates are competitive professionals in the labour market
- ✓ **Goal 5.** Ukrainian scientists have proper conditions for research and are integrated into the global scientific area

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## Activity programme of the Ministry of Education and Science in the field of vocational education

**Goal 3. School graduates can choose from a wide variety of institutions providing vocational education with further job placement**

### Performance indicators:

Share of school graduates who choose vocational education reached 45%

Percentage of VET graduates who are employed in Ukraine increased after 6 months and 1 year after graduation, in particular, in the relevant occupation (speciality)



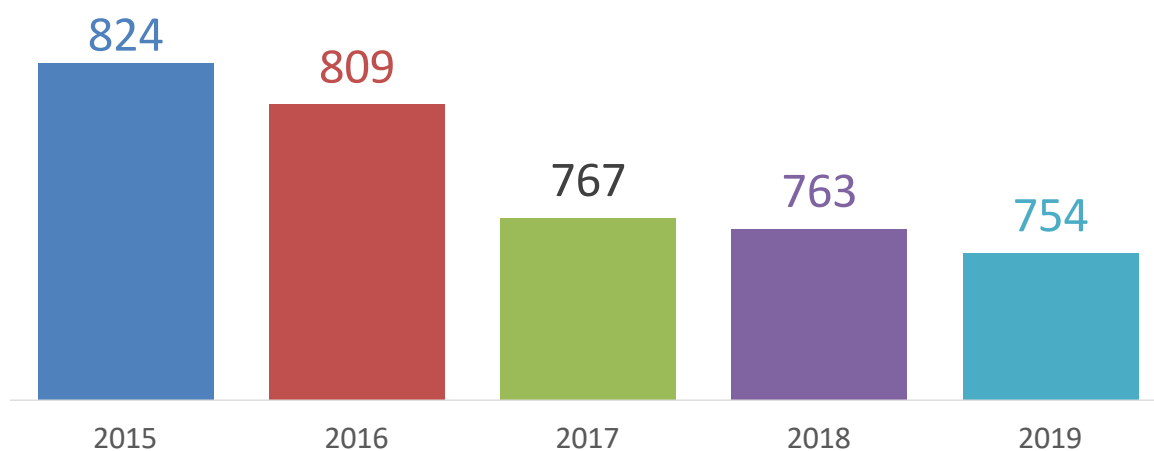
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### Classification of programmes in the vocational education system

Levels (degrees) of VET	Duration of training/enrollee requirements	ISCED 2011 levels, NQF levels
First (initial) level (degree)	up to 1 year (no previous education requirements)	ISCED 2011 level 1 / NQF level 2
Second (basic) level (degree)	a) up to 1.5 years (after complete upper secondary education); b) 3–4 years (after basic secondary education along with the acquisition of complete secondary education)	Access to higher education  ISCED 2011 level 3 / NQF level 3
	2 years (after basic secondary education without the acquisition of complete secondary education)	ISCED 2011 level 2 / NQF level 2
Third (higher) level (degree)	up to 1.5 years (after complete upper secondary education and Skilled Worker qualification level)	Access to higher education ISCED 2011 level 4 / NQF level 4
	up to 2 years (after complete upper secondary education and Skilled Worker qualification level)	Access to higher education ISCED 2011 level 4 / NQF level 5

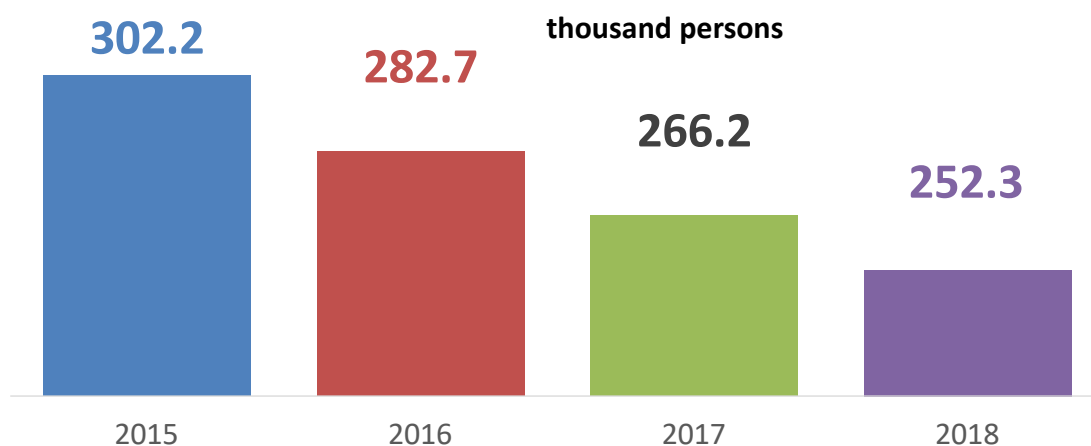
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### Network of VET Institutions



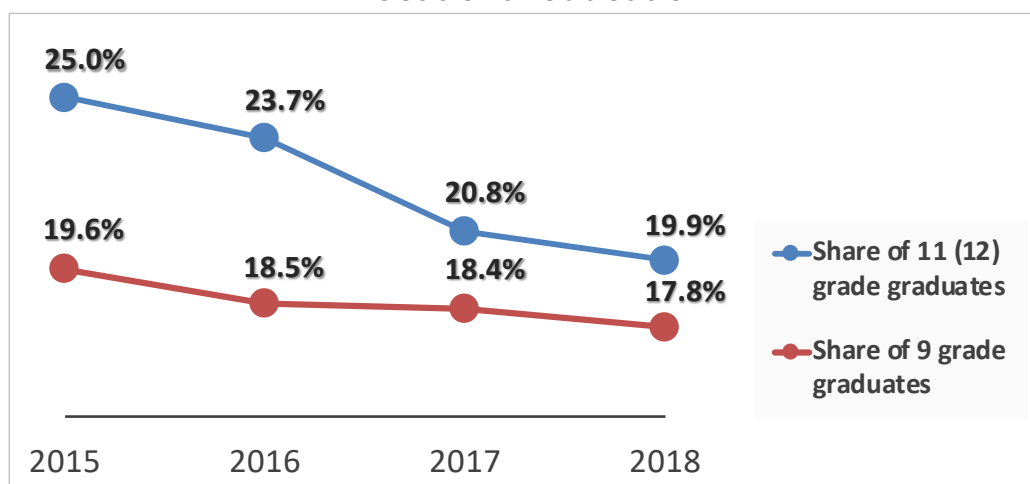
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## VET learner population dynamics



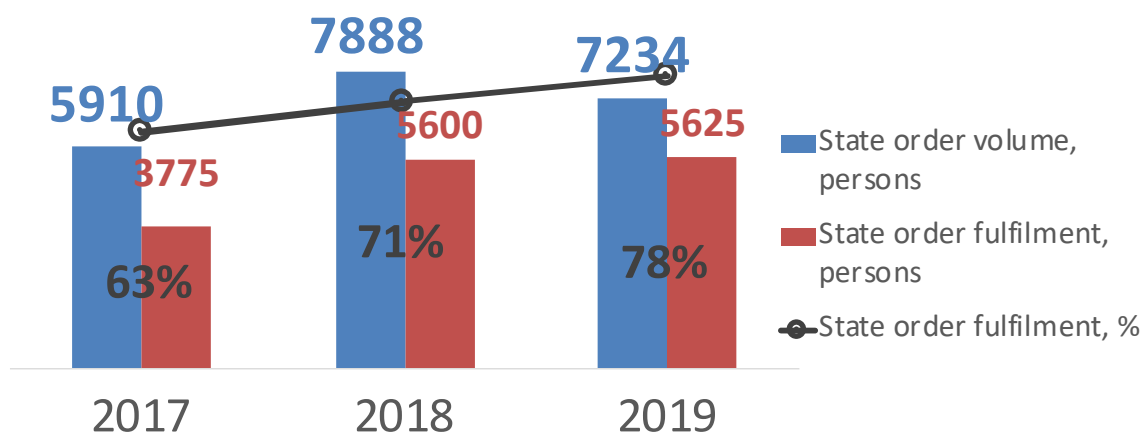
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## Percentage of general secondary school graduates who chose vocational education



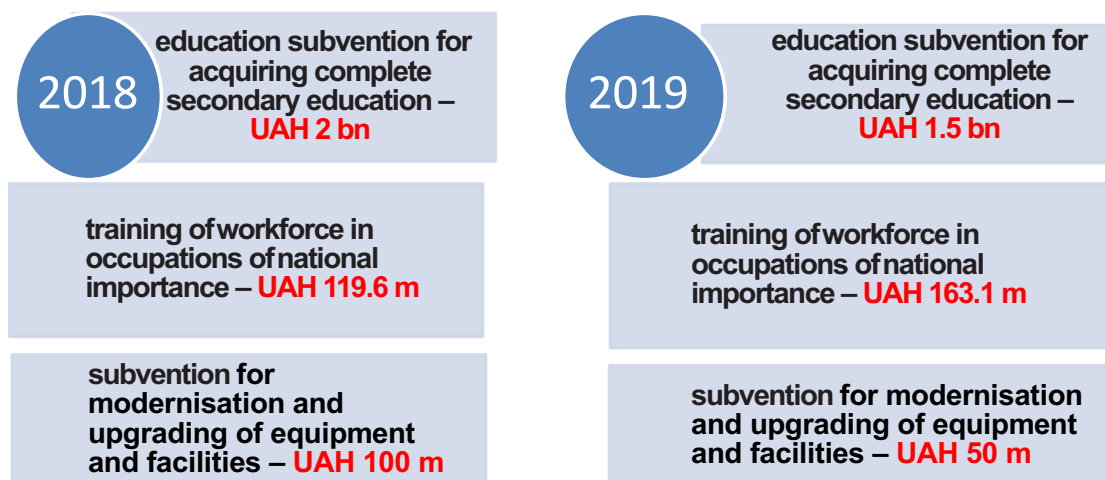
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## State order fulfilment



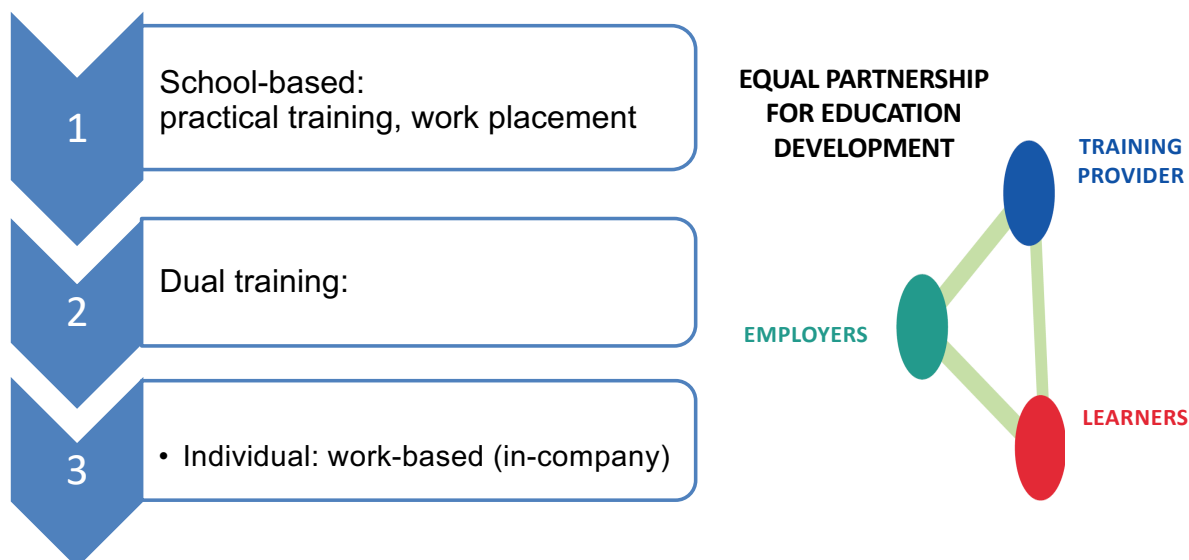
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## GOVERNMENT FUNDING OF VET



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## Modes of work-based learning



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## 145 PRACTICAL TRAINING CENTRES WERE OPENED AT VET INSTITUTIONS BETWEEN 2016 AND 2019, IN THE FOLLOWING 9 TRAINING AREAS

**11** PTC  
in mechanical  
metal-working  
(occupations:  
seamstress; tailor;  
cutter)

Equipment cost  
UAH **2.5** m

**25** PTC  
in welding  
technologies  
(occupations: manual  
electric welder;  
automated and semi-  
automated machine  
electric welder; welder)

Equipment cost  
UAH **2.3** m

**25** PTC  
in electrical  
engineering  
technologies  
(occupations: electrician for  
repairs and maintenance of  
electric equipment; lighting  
and lighting network circuit  
installer; power mains and  
electric equipment installer)

Equipment cost:  
UAH **630,000**

**7** PTC  
for occupation:  
agriculture tractor  
driver/machine operator

Equipment cost  
UAH **10.530** m

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## Continued

<b>27</b> PTC	<b>22</b> PTC	<b>4</b> PTC	<b>25</b> PTC	<b>5</b> PTC
<b>in light industry</b> (occupations: seamstress; tailor; Cutter)	<b>for manual metal-working</b> (occupations: maintenance fitter; construction metal worker; toolmaker; maintenance fitter of road construction machinery and tractors; automotive service technician; maintenance technician for agricultural machinery and equipment)	<b>for occupation: building insulation systems fitter</b>	<b>for occupation: assembler of sanitary installations and equipment</b>	<b>for occupation: woodworking machine operator</b>
Equipment cost UAH <b>330,000</b>	Equipment cost: UAH <b>266,000</b>	Equipment cost: UAH <b>809,500</b>	Equipment cost: UAH <b>680,000</b>	Equipment cost: UAH <b>1.702 m</b>

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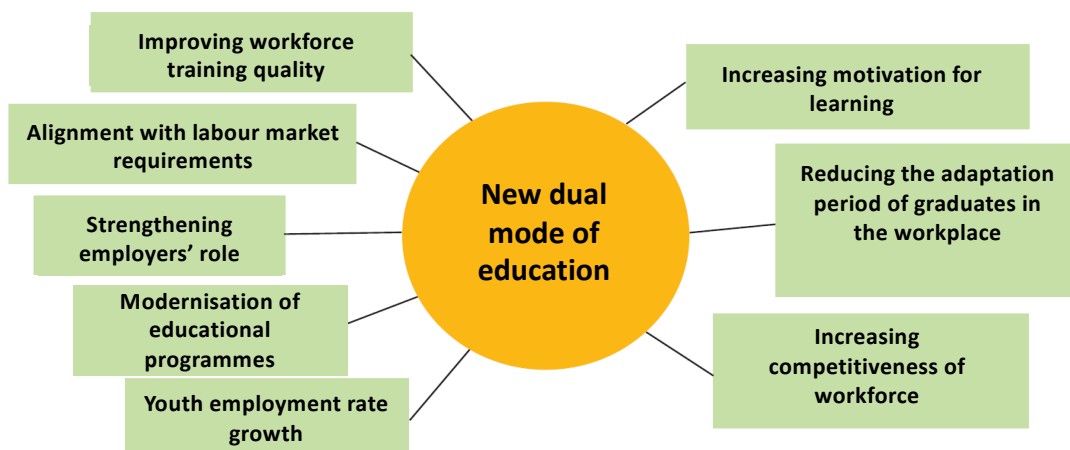
## PUBLIC-PRIVATE PARTNERSHIP

- ✓ 9 memorandums for the training of skilled workers were signed (including 4 in 2018/2019 school year)
- ✓ Since 2016, 19 practical training centres were opened with social partners' investments (including 5 in 2018/2019 school year)
- ✓ Three **WORLD SKILLS UKRAINE** competitions conducted:
  - 2016 – 136 participants (9 competences)
  - 2017 – 137 participants (8 competences)
  - 2018 – 187 participants (8 competences); 118 VET students + 21 young workers (7 competences) + 48 persons (mechatronics)

In 2019–2020, it is planned to have a competition in 17 competences (October–November 2019 – qualifiers), regional (qualifying) level. April–May 2020 – final (national) level

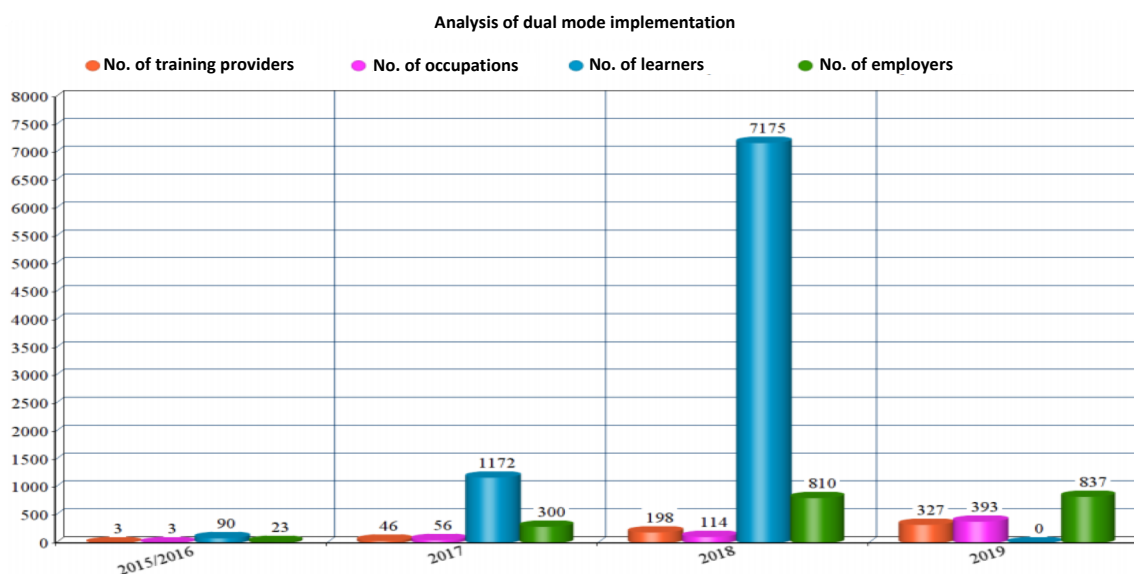
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## Dual mode of acquiring vocational education



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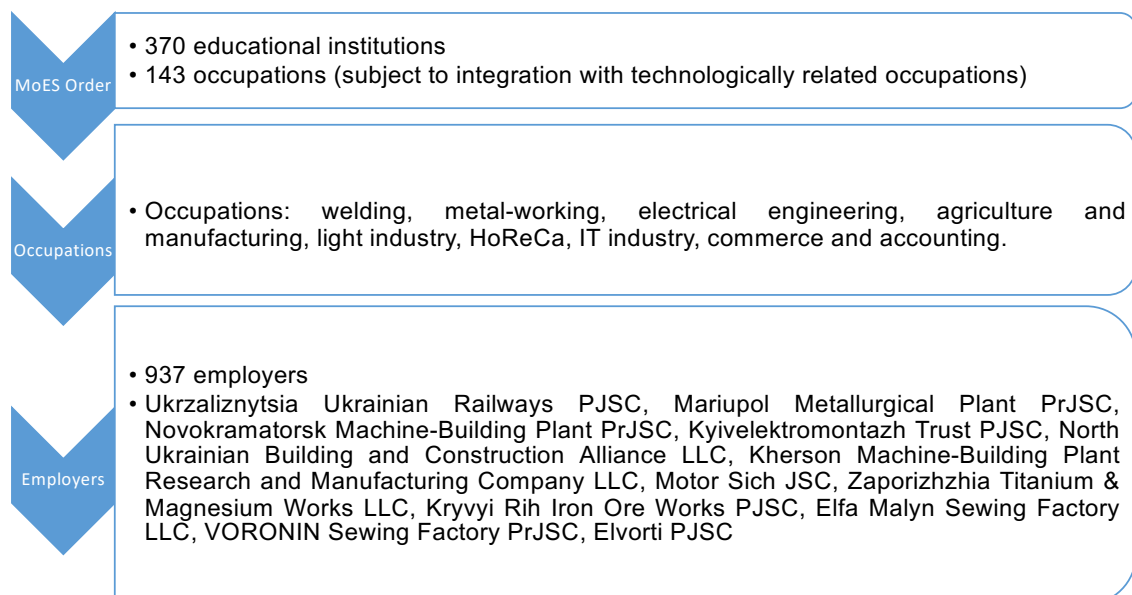
## Implementation of dual mode of learning in 2015–2019



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## Implementation of dual mode of learning in 2019



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## Challenges in the implementation of the dual mode of learning

- the issue of tax benefits and preferences for training employers remains unresolved;
- age limit to work at hazardous and technologically difficult jobs is at least 18;
- classes of 25–30 students are usually placed at several companies which requires aligning of curriculum delivery and affects the training timeline;
- training in occupations involving skills from various manufacturing operations (e.g. for integrated occupations) requires a large number of multifunctional workplaces;
- small enterprises are unable to fully meet the requirements of curricula on their own, which creates a need for their networking cooperation;
- company workers involved in the training process as mentors require additional training in psychology and pedagogy.

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## Validation of non-formal vocational learning

- 1
  - **List of vocational occupations:**
  - cook (grades 3–6), welder (grades 6–8), security guard (grades 1–2), manual electric welder (grades 2–6), non-food shop assistant (grades 3–5), maintenance technician (grades 2–6)
- 2
  - **Centres for the validation of non-formal vocational learning:**
  - The Higher Vocational School No. 33, Kyiv; Odesa Centre of Vocational Education and Training of the State Employment Service; Rivne Centre of Vocational Education and Training of the State Employment Service. **Validation of a qualification is paid for by an individual or employer.**
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  - **Persons eligible for validation of qualification:**
  - citizens of Ukraine; foreigners and stateless persons residing permanently in Ukraine; persons recognizes as refugees in Ukraine; those granted asylum in Ukraine; those recognized as persons requiring additional protection; those granted temporary protection; persons with a permit for immigration in Ukraine.

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## AGREEMENT TO FINANCE EU4SKILLS: BETTER SKILLS FOR MODERN UKRAINE PROGRAMME SIGNED BETWEEN THE GOVERNMENT AND THE EUROPEAN COMMISSION



Total budget of the event is EUR 58 m:

EU contribution – **EUR 38 m**,

Germany contribution – **EUR 17 m**,

Finland contribution – **EUR 2 m**;

Poland contribution – **EUR 1 m**.

**EUR 35 m** will be targeted specifically at modernisation of VET infrastructure, in particular, at the establishment of **VET Centres of Excellence**

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**Thank you!**