

# **New approaches to vocational training of electrogas welders**



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# Advantages of modular competence-based approach:

- Includes both theoretical and practical aspects;
- Integrates subjects of the core block and vocational components;
- Systematic and consistent;
- Prevents inconsistencies between theory taught by a teacher and practical skills demonstrated by vocational trainer;
- Better motivation;
- Saves time;
- Prevents repetition of the same information;
- Module is a complete individual piece of the curriculum;
- New teacher's position: teacher of vocational training

# Participation in international projects as a boost to implementation of modular programs

## Estonian experience to contribute to VET reform in Ukraine. Volyn region

### *Results:*

- ☐ Internship in Estonia for school managers and teachers
- ☐ Development of modular VET program for profession “electrogas weldor”
- ☐ Establishing international cooperation with Valgamaa VET Centre

## EU Project. Improving vocational training system according to the needs of Volyn sub-regional economy

### *Results:*

- ☐ Improving qualification of VET trainers
- ☐ Installation of up-to-date electrogas welding (EGW) equipment in Kamin-Kashyrskiy High VET School
- ☐ Creation of Research & Practice Center of EGW Technologies



# Changes in teacher's role

- ☐ Developer of educational programs
- ☐ Professional (theory & practice)
- ☐ Facilitator
- ☐ Presenter
- ☐ Trainer
- ☐ Coach
- ☐ Manager
- ☐ Advisor
- ☐ Researcher



*Internship programs for teachers ensure development of contemporary professional competences*

**Valgamaa VET Centre in Estonia** – internship program “Most of MIG/MAG”;

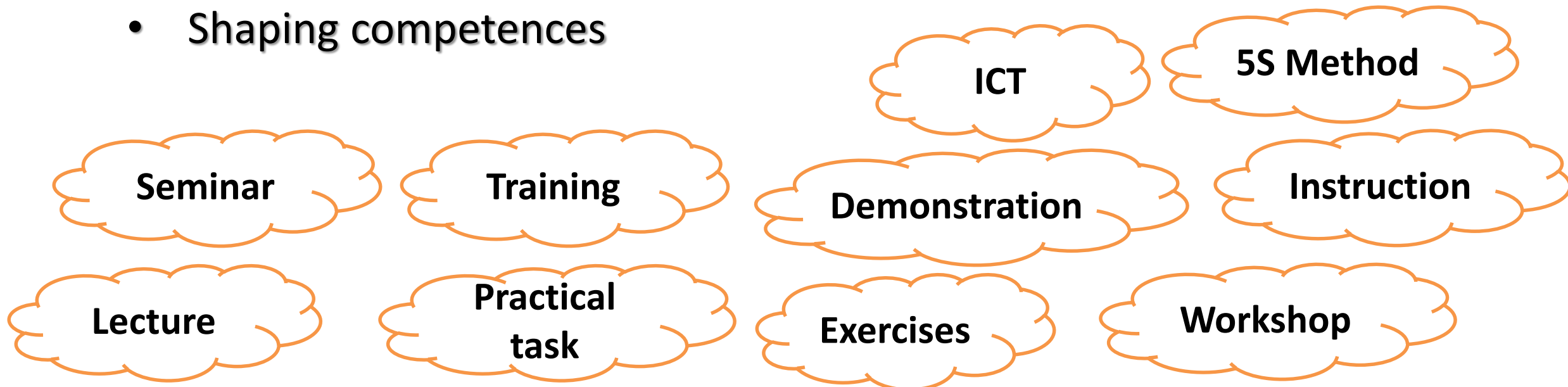
**Company Fronius Ukraine** – “Theoretical and practical aspects of use, adjustment and exploitation of welding multisystems and plasma cutting”.

**The Educational Association of the Bavarian Economy (bbw Group)** – educational institution & enterprise – “New technological capacities of contemporary welding equipment”.



# Diversifying teaching methods

- Using both traditional and innovative methods
- Selecting optimal methods for a particular topic
- Active learning methods
- Shaping competences



# Lifelong learning as a guideline

- ☐ possibility to develop and implement educational programs for adults and unoccupied population
- ☐ learning particular VET modules
- ☐ activities of research & practice centre, providing various educational services (re-qualification, improvement of qualification, internship)