

Vocational Romania

*The national program to support
vocational education*

Mona Nicolici

Head of Sustainability Department

OMV Petrom Resourcefulness



OMV Petrom

OMV Petrom - Vocational Romania

- **OMV Petrom** – the largest integrated oil and gas group in Southeastern Europe and one of the biggest employers in Romania
- We carry our activity in over **340 communities** across the country → **lack of jobs** – the main problems in most of the communities
- **Business need** – high number of expected retirements for blue collars in the following 5-10 years → **lack of blue collar specialists to replace the aging work force**
- Over **70% of Romanian employers** complain about lack o specialized workforce/blue collars.



OMV Petrom – Vocational Romania

We don't have a problem regarding the connection between the educational system and the job market. What we have is a national catastrophe, a profound and grave lack of correlation. How else could we explain that all investors – Romanian and foreign – ask for qualified workforce, tradesmen, but we have a country filled with theoretical high schools and no school to prepare them? The result was a national tragedy



Klaus Iohannis – President of Romania
– in the Opening Speech for the
University Year





VOCATIONAL ROMANIA – A national program to support VET in Romania

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Program Objectives

- Identify the main PROBLEMS that Vocational Education in Romania and future tradesmen are facing
- Create best practice models – scalable at national level
- Support future generations of professionals in oil & gas field
- Increase the visibility of VET in Romania
- Stakeholder engagement (employers, NGOs, authorities, schools)
- Engage employers in supporting the changes in Vocational Education system that will link the job market needs with the vocational education offer



ROMÂNIA
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O campanie
de susținere
a educației
profesionale în
România

Program pillars

- **Oilmen School** – 6 classes in 3 technological high schools with 2 qualifications: Well operators and Gas extraction, transportation, treatment and distribution operators
- **Vocational Summer Camp** – an intensive development program for Romania's future tradesmen (better preparation for the job market)
- National level **studies** to identify main issues
- **Taskforce** with employers & other stakeholders to develop solutions / to debate main issues
- Comprehensive national analysis (**Public Policy Report for VET**) to identify systemic needs and problems and long-term solutions for an efficient and professional VET system



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Oilmen School

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Oilmen School

- **6 VET classes in 3 technological high schools** from Arges, Bacau and Dambovita.
- **2 qualifications:** Well operators and Gas extraction, transportation, treatment and distribution operators
- Each year, **84 students join** the program
- (2015-2016 and 2016/2017 – a total of 168 students)



Performance scholarship



Trainings for teachers



Equipment for laboratories and classroom



Support in curricula upgrade



Practice in OMV Petrom



Vocational Summer Camp

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Vocational Summer Camp from Andrei's Country

Pilot Project – Intensive Development Program to improve the employability of OMV Petrom local communities :

- Personal development and career orientation
- Interactive, practical thematic workshops
- Developing competencies and skills required of today's job market
- Vocational Evaluation
- Scholarships for 60 students

In the 2 editions (2015 and 2016) over 470 students and 120 teachers



The oil& gas edition

70 students & 15 teachers from the Oilmen's School, working with OMV Petrom experts

Practical project: a Kaizen exercise (recreating a safe working environment)
& Visiting the National Oil& Gas Museum and the OMV Training Centre in Ploiesti



The electricians edition

50 students and 10 teachers from Gorj, working with Claudiu Butacu and Mihai Toader- Pasti, EFdeN founders – winners in Solar Decathlon

Practical project: multidisciplinary workshop for building a mock- up of a sustainable city, efficient in energy use and from an urbanistic perspective.



The mechanics edition

50 students and 10 teachers from Gorj, working with Gabi Onofrei in his

Practical project: building 4 benches that will be placed in the Central Park in Brasov. Students participated in all mechanical operations (welding, cutting, painting etc)



The tourism & alimentation (chefs and waiters)

50 students and 10 teachers from Gorj, working with Chef Cezar Munteanu and American Hotel Academy trainers

Practical project: organising a dinner at the Bran Castle, for 50 representatives of the national authorities, major companies in Romania, NGOs and media. They cooked the courses, under the coordination of Chef Cezar and also served the guests at the table.



Gala Dinner in Bran Castle

Employers invited together with authorities and journalists to a fine dining event at Bran Castle, organized entirely by students



Long term plans to maintain connection between students and employers.

Engage employers in
debating VET issues
and in supporting best
practice



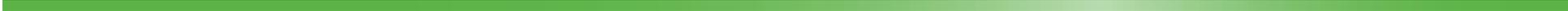
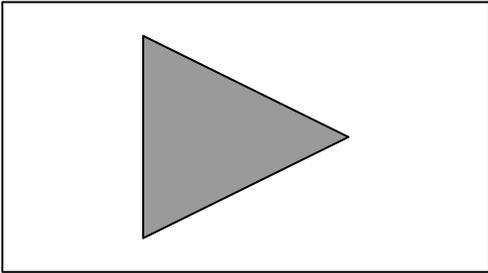
Solutions for an efficient Vocational Education System

- ▶ Real Partnerships with companies
- ▶ Increase number of practice hours
- ▶ Adapted qualification and school planning according to the companies requirements (the link with the markets needs)
- ▶ Evaluate competencies at workplace
- ▶ Endowment of practice laboratories
- ▶ Prepared teachers/mentors about to latest technologies
- ▶ Reconsider the selection system of students
- ▶ A better engagement of the employers in the Vocational Education



Next steps







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THANK YOU

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