

## QUESTIONNAIRE

*Please, fill in the Questionnaire and return it to contact person in your country.*

(\*) – mandatory fields

	<b>Details about organisation</b>
<b>* Organisation name</b>	Ivano-Frankivsk National Technical University of Oil and Gas
Organisation acronym	IFNTUOG
<b>* Organisation Activity Type</b> ( <b>RES</b> - Research, <b>HE</b> - University, <b>SME</b> - Small and Medium Enterprise, <b>IND</b> - Industry, <b>OTH</b> - Other)	HE RES
<b>* Keywords of main research areas</b>	Geosciences, Material Characterization, Mechanics, Petroleum Engineering, Oil and Gas Transportation, Environmental Sciences, Welding Technologies, Non-Destructive Testing, Metrology, Management, Economics, Technological Safety
<b>* Head of organisation (first name, family name)</b>	Yevstakhiy Kryzhanivsky
<b>* Post code</b>	76019
<b>* Country</b>	UKRAINE
<b>* City</b>	IVANO-FRANKIVSK
<b>* Street, House</b>	KARPATSKA ST., 15
<b>* Telephone (+ country &amp; city codes)</b>	+380-3422-48242
<b>* Fax (+ country &amp; city codes)</b>	+380-3422-48242
<b>* E-mail</b>	<a href="mailto:mkarpash@nung.edu.ua">mkarpash@nung.edu.ua</a> , <a href="mailto:intcoop@nung.edu.ua">intcoop@nung.edu.ua</a>

<b>* Description of organisation and its research achievements for the last five years (~ 5000 signs)</b>								
<p>Ivano-Frankivsk National Technical University of Oil and Gas (IFNTUOG) is the only higher educational institution in Ukraine of petroleum industry-directed profile. In 2001 the University was granted the status of National University.</p> <p>Nowadays more than 11,000 students are involved in the educational process at 15 faculties and 54 departments and in 28 bachelor programmes. We have already made first steps at the international educational level – students from Vietnam, India, Poland, Bulgaria, Russia, Lithuania, Moldova, Turkmenistan, Jordan etc has already received degrees from our University.</p> <p style="text-align: center;">IFNTUOG in facts and numbers:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Academic staff –</td> <td>690 (including 55 Doctors of Science and 280 PhD's)</td> </tr> <tr> <td>Students –</td> <td>11,000</td> </tr> <tr> <td>PhD Students -</td> <td>140</td> </tr> <tr> <td>Location –</td> <td>Campus university in Ivano-Frankivsk (Karpatska St.,15)</td> </tr> </table> <p>IFNTUOG for the last 15 years actively cooperates with international educational and</p>	Academic staff –	690 (including 55 Doctors of Science and 280 PhD's)	Students –	11,000	PhD Students -	140	Location –	Campus university in Ivano-Frankivsk (Karpatska St.,15)
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research institution, including those from EU. Nowadays there are more than 20 signed agreements between IFNTUOG and international institutions.

Especially among EU universities-partners the following universities can be named: University of Mining and Metallurgy named after S.Stashica AGH (Cracow, Poland), University NORD (Baia-Mare, Romania), Polytechnic University of Valencia (Spain), Hochschule Zittau/Gorlitz (Germany), Institute of Heating and Sanitary Engineering (Radom, Poland), National Polytechnic Institute (Lorraine, France), University of Belgrade (Republic of Serbia), Kaunas University of Technology (Lithuania), Dresden Technical University (Germany), University of Technology (Copenhagen, Denmark).

International Projects:

- Project "Development of strategy of UA students international mobility using the ECTS opportunities" TEMPUS (SM-SCM-T04305-2005) (in consortia with Dresden Technical University (Germany), University of Technology (Copenhagen, Denmark)).
- R&D International Project in the frame of Ukrainian-Lithuanian Government Funded cooperation (Kaunas University of Technology).
- Project "Cross border research at Carpathian flysch for exploration and use of new oil and gas fields" (University of Mining and Metallurgy named after S.Stashica AGH, Cracow, Poland)
- R&D International Project in the frame of Ukrainian-Hungarian Government Funded cooperation (University of Miskolc, Hungary).
- Ukraine-Romania Cross Border Cooperation "RU-ECONdb-CLUS-Romania-Ukraine Joint Economic Data Base and Clusters Formation" (Phare CBC 2005, Budget Line:220202).

Additionally, every year university students have the opportunity to undergo practical training in Romania, Greece, Germany, USA, Canada, Turkey, Egypt, and other countries. This became possible because of the university membership in various student organizations (IAESTE since 1992, IAESSEC since 1990). Up to 100 university students do their traineeship abroad on annual basis.

University prepares qualified specialists of 22 specialties through post-graduate and doctoral studies. Post Doctoral studies are available as well.

Four specialized Scientific Councils are directed towards defending of theses for Doctor's degree (incl.PhD) on following specialties:

- 05.15.10 – Drilling of Wells;
  - 05.15.06 – Development of Oil and Gas Fields;
  - 05.05.12 – Machinery of Oil and Gas Industry;
  - 05.15.13 – Oil and Gas Pipelines, Petroleum Depots and Storage Facilities Specialization;
  - 05.11.13 – Methods and Inspection Tools of Quality and Production Certification;
- Scientific Councils accredited to award only Ph.D. degrees on the following specialties:
- 04.00.17 – Geology of Oil and Gas;
  - 04.00.22 – Geophysics.

IFNTUOG is a big educational and research system which includes the following R&D structures:

R&D Institute of oil and gas technologies

R&D Institute of ecological safety and natural resources

Technical Committee TC 146 "Materials, equipment, technologies and structures for

oil and gas industry” (assoc.member of ISO)  
 Certification authority for personnel in oil and gas industry (accredited by International Well Control Forum – IWCF, Aberdeen, Scotland).

Based on achievements of university R&D staff there are 16 scientific schools formed, 4 R&D sectors at the faculties and creative groups at the departments, student engineering and design offices.

University has strong relationships with Ukrainian and foreign oil and gas companies. In 2006 nearly 140 R&D projects have been carried for the NJSC “Naftogaz of Ukraine”, SC “Ukrigasproduction”, SSC “Chornomornaftogaz”, SC “Ukrtransgaz”, OJSC “Ukrtransnafta” etc.

In 2007 Schlumberger has donated a sophisticated geophysical and petroleum software valued nearly \$2 million to the University in order to facilitate educational process at this field.

As a recognition of active and fruitful research and development work University staff was awarded by 2 State Prizes for science and technology in 2006:

"Development and application of highly effective technologies for natural gas production and distribution for maintenance of state energy safety” (University representatives – 4 laureates)

"Development and application of technologies and means for non-destructive testing and technical diagnostics of long-term exploited machine-building and petroleum equipment” (University representatives – 2 laureates)

	<b>Contact Information</b>
<b>* Contact person (first name, family name)</b>	Maksym Karpash
<b>* Department / Laboratory</b>	International Relations Department
<b>* Position</b>	Head, Assoc.Prof.
<b>* Qualification and research experience</b>	PhD, Technological Safety, Non-Destructive Testing, Materials Characterization
<b>* Post address (house, street, city, code, country)</b>	Karpatska St., 15 Ivano-Frankivsk, 76019 Ukraine
<b>* Telephone (+ country &amp; city codes)</b>	+380-3422-48242 +380-342-504708
<b>* Fax (+ country &amp; city codes)</b>	+380-3422-48242
<b>* E-mail</b>	mkarpash@nung.edu.ua

**International co-operation / Participation in EU RTD programmes or other bilateral / multilateral actions**

INTAS, TACIS, TEMPUS, COST, EUREKA, other RTD programmes (please specify programme/s, project title/s and year/s)

Project “Development of strategy of UA students international mobility using the ECTS opportunities” TEMPUS (SM-SCM-T04305-2005) (in consortia with Dresden Technical University (Germany), University of Technology (Copenhagen, Denmark).

- Ukraine-Romania Cross Border Cooperation “RU-ECONdb-CLUS-Romania-Ukraine Joint Economic Data Base and Clusters Formation” (Phare CBC 2005, Budget Line:220202).

	<b>* Please, use “X” to indicate the scientific area/s of your potential project</b>
CHEMISTRY	
SOCIAL AND HUMAN SCIENCES	
ECONOMIC SCIENCES	<b>X</b>
ENGINEERING SCIENCE	<b>X</b>
ENVIRONMENT	<b>X</b>
AGRICULTURE AND FOOD	
HEALTH	
MATHEMATICS	
INFORMATION SCIENCE	<b>X</b>
PHYSICS	<b>X</b>
NANOTECHNOLOGIES	
ENERGY	<b>X</b>
TRANSPORT	<b>X</b>
SPACE	

<b>* Summary of potential research project envisaged hosting of European researcher for the period of between 1 and 2 years</b>
<p>1) Harmonization of oil and gas standards in Ukraine</p> <p>2) Novel method for non-destructive evaluation of mechanical and physical properties of steels</p> <p>3) Evaluation of calorific value of natural gas using novel approach</p> <p>4) Development of non-contact ultrasonic inspection technique</p> <p>For more detailed information on the projects please contact Dr.Maksym Karpash</p>

	<b>Please, confirm your agreement on data publication and dissemination</b>
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<b>I agree with the publication of the data</b> on the web-site <a href="http://www.inco-ecca.net">http://www.inco-ecca.net</a> , and <b>dissemination</b> among Mobility National Contact Points of the EU MS and AC <b>(YES / NO)</b>	<b>YES</b>
<b>Date</b>	13 <sup>th</sup> November, 2008