



GE-ENERGIES

**KAZAKH-FRENCH
SCIENTIFIC-EDUCATIONAL CENTER**



Geo-Energies Center Foundation

Rectors of three Universities signed **Memorandum of Collaboration** on 24 June, 24, 2010



Al-Farabi Kazakh National University



Institut National Polytechnique de Lorraine (INPL)



Satpaev Kazakh National Technical University

Geo-Energies scientific-educational center has functioning since **September 2010**

Center activity

Center works in following directions:

- Joint Master “Energy”,
- Joint Doctoral school “Geo-Energies”,
- Scientific consortium
- **Industrial consortium**



Master program

Master of Center is delocalization of International Master of University of Lorraine, Nancy, France

Specialization

- Subterranean Reservoirs of Energy

Educational grants of Kazakh Ministry of Education and Science:

- KazNU (Department of Mechanics, IT)
- KazNTU (Department of Petroleum engineering)

Double Diploma

- **Kazakh Diploma** of Master on Mechanics/IT
- **French Diploma** of Master on Subterranean Reservoirs of Energy

Education in Master

French Professors

- University of Lorraine
- Pierre-and-Marie-Curie University
- Paris-Sorbonne University
- University of Toulouse
- Institut Francais du Petrole
- Mines ParisTech



Research

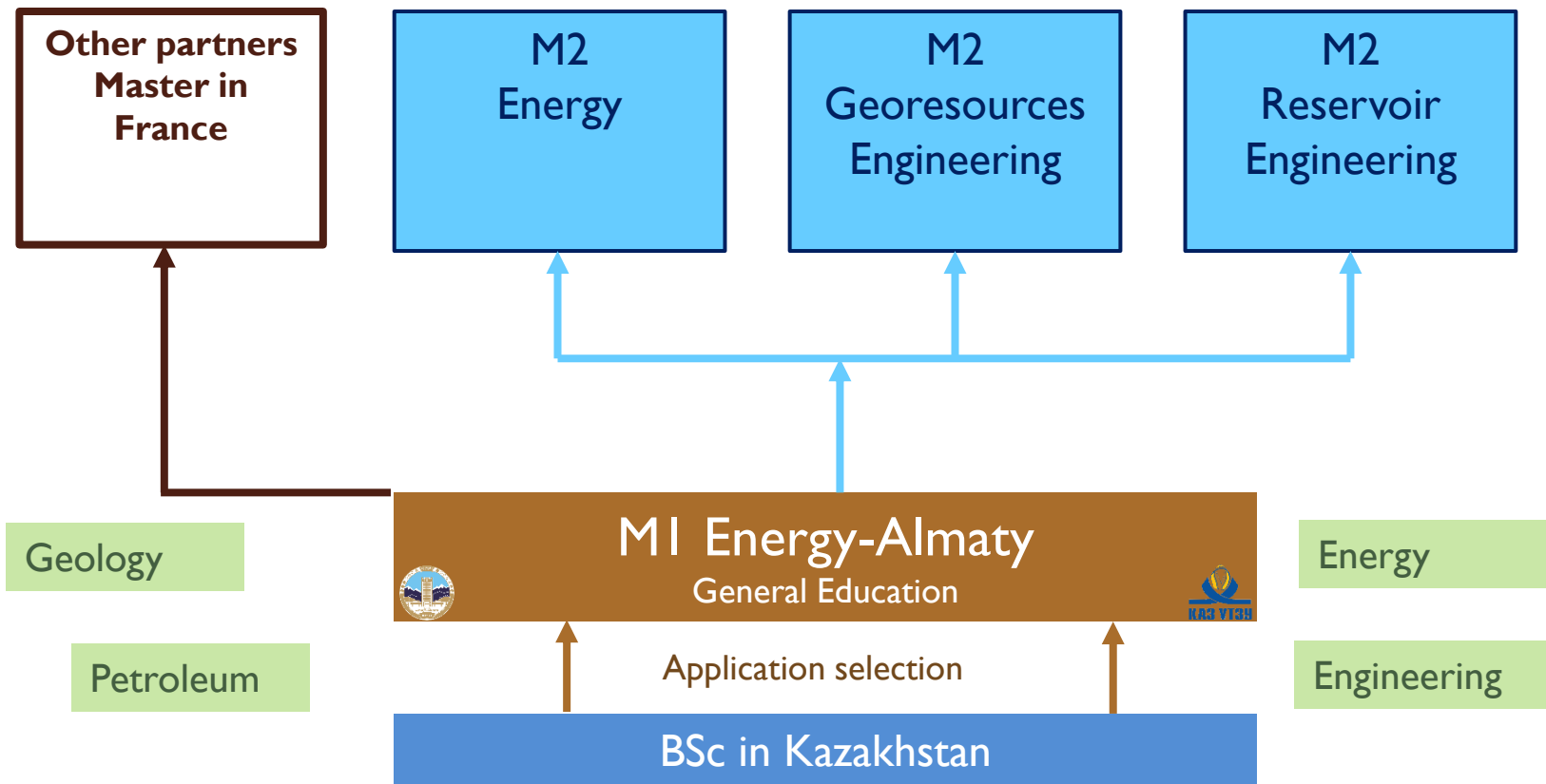
- Total
- Katco (Kazatomprom – AREVA)



Master – 1 year

Nº	Title of subject	University
1	Subterranean Hydrodynamics	University of Lorraine
2	Structural modeling with Gocad/Skua	University of Lorraine
3	Multiphase flow in porous media and waterflooding	University of Lorraine
4	Hydrodynamics of viscous flow	Sorbonne University
5	Structural geology, tectonics, mineralogy	University of Toulouse
6	Geochemistry of petroleum systems	University of Lorraine
7	Geological modeling of uranium deposits	KATKO
8	Petrophysics	French Institute of Petrol (IFP EN – Paris)
9	Geostatistics	Mines ParisTech
10	3D modeling of oil recovery	University of Lorraine
11	Numerical modelling of fluid flow in reservoirs	French Institute of Petrol (IFP EN – Paris)
12	Development of oil-gas fields	University of Lorraine

Organization of Master 2



Alumni of Center Geo-Energies

Since 2010

- 4 PhD
- More than 60 Master, including 25 from KazNU

Lecture of Prof. Panfilova (UdL)



Geology trip, Nancy , 2012



Field trip, Medeo, 2012



Master students at UdL, 2015

