

Partnership request description:

[NAFTA – joint stock company](#) with 100 years of experience in the oil and gas industry seeks partners in order to participate in the Horizon 2020 programme.

The [Exploration and Production](#) (E&P) Division together with the [Underground Gas Storage](#) (UGS) has held a core place in NAFTA's history. Over 100 years of the development in the Slovak territory, reservoirs with more than 25 bcm of geological stock of natural gas, 3.7 million tons of oil and nearly 0.4 tons of gasoline were found. So far, approximately 2 860 wells have been drilled in the Vienna Basin and approximately 340 wells in the East Slovakian Basin by NAFTA (including original NAFTA group predecessors). Development of storage facilities means that from 2003 until 2012, the capacity reached 2.4 bcm and after the final completion of current project in 2014, the storage capacity of NAFTA shall total up to 2.5 bcm.

E&P Team includes experts in several areas, mainly Geology, Geophysics and Reservoir Engineering; Drilling design, supervision; Technology and Investment; Group of consultants/advisors with international experience.

In project/prospect interpretation and evaluation, NAFTA makes use inter alia of the Schlumberger software suite comprised of Geoframe, Petrel, Eclipse, Interactive Petrophysics, Drilling Office.

NAFTA can offer various services in the project implementation period, such as: location for testing of new technologies and products, demonstration activities, pilot implementation in industrial settings, skilled engineers in the area of E&P, UGS incl. development of a new storage facilities, assembly, feasible solutions which could be replicable for use at UGS facilities around the Europe, high competence in logistics and productivity as well as reporting expertise.

Core business: Mining and mining-type activities; Prospecting and exploration of listed minerals, Opening, preparing and exploration of hydrocarbons, their treatment and refining; Designing underground and surface hydrocarbon and waste storage facilities.

Main goal

Development and testing in real life scenario central monitoring system for the Energy industrial sector. In particular it is necessary to develop an innovative and financially feasible technology that could be used in other production processes in different industry types as well.

Furthermore, project partners can define further optimization approaches during the project planning in order to create cost- and resource-effective application, i.e. with a great potential for transferring across compatible industries and similar operations.

In this way the idea is to bring together innovative entities within the European Energy industrial sector in order to create both financial and environmental benefits and savings and so increase competitiveness of EU economy.

We are also open to any other schemes relevant to our field of work.

Partner offering expertise: NAFTA a.s.

Partner expertise: Exploration and Production, Drilling, UGS

Call for proposal title: [H2020-FoF-2015](#), [H2020-SC5-2015-one-stage](#), [H2020-FETOPEN-2014-2015-RIA](#), [H2020-LCE-2015-3](#), [H2020-EE-2015-1-PPP](#) and other relevant calls.

Description of the collaboration sought:

We are looking for a partners and project coordinator that has experience and knowledge in managing consortia and proposing projects. Partners willing to develop new systems that would be innovative and efficient in the energy production processes.

Expertise sought: Exploration and Production, Drilling, UGS, SW modelling, Energy management

Roles sought: Project coordinator, Project participant