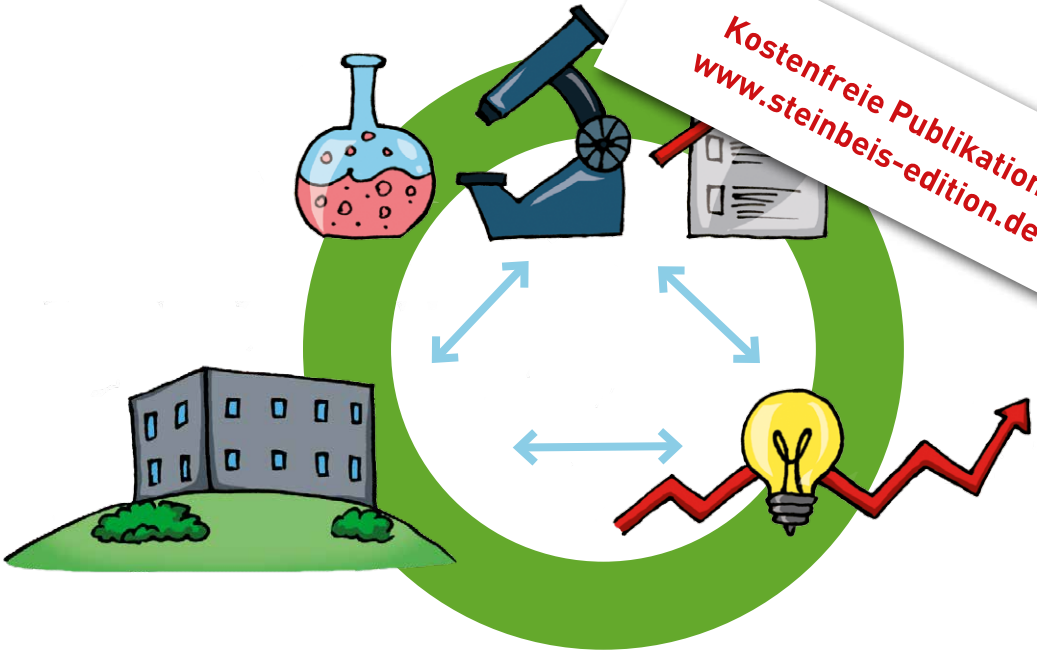

Vadym Yashenkov, Oksana Tsurkan, Oliver Rohde

NoGAP: Knowledge Transfer Community to Bridge the Gap Between Research, Innovation and Business Creation

Project Handbook

noGAP
SEVENTH FRAMEWORK PROGRAMME

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Steinbeis-Edition

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Preface

NoGAP aimed at promoting the cooperation of the EU and its Members States / Associated Countries with the Eastern Partnership Countries (namely: Armenia, Azerbaijan, Belarus, Georgia, Moldova and Ukraine) to bridge the gap between research and innovation. NoGAP contributed to activate the innovation potentials of SMEs through a better cooperation with researchers, transferring and using new knowledge and ideas.

The overall objective of the project is to reinforce cooperation with Eastern Partnership countries to develop a "Common Knowledge and Innovation Space" on the societal challenge of "Secure, Clean and Efficient Energy" between the EU and EaP countries.

The NoGAP consortium comprises 13 organizations from six countries: 3 EU Member States (Germany, Romania, Slovakia) and three countries from the Eastern Partnership Region (Belarus, Georgia, Ukraine,). To improve the exchange between research, business and innovation, interrelated tandem relations between research organizations and innovation support services are established.

The specific goals of NoGAP are:

- identifying the main drivers and obstacles of closer linkages between academia and business in the field of secure, clean and efficient energy in the Eastern Partnership Region
- developing a best practice methodology to enhance the successful commercialization of research results and to improve the management of these results
- developing innovation support services to foster existing and establish new strategic partnerships
- improving the competencies of researchers, entrepreneurs and intermediaries by organizing trainings for these target groups
- creating and organizing twinnings between partners from both regions

- promoting networking between EU and Eastern Partnership countries
- developing pilot activities to foster mutually beneficial public-private-partnerships between EU and Eastern Partnership countries in the energy sector
- assessing the opportunities for the establishment of sustainable Technology Transfer Centres (TTC) in the participating partner countries on the basis of existing structures and good practice.

The project handbook provides an overview of the activities carried out by NoGAP from 2013 until 2016 and presents first results that might have a lasting impact.

Table of Content

Abbreviations

BMBF	German Federal Ministry of Education and Research
BSATU	Belarusian State Agrarian Technical University
CA/SC	Central Asian and South Caucasus (countries)
CIS	Commonwealth of Independent States
DLR	German Aerospace Centre
DTC	Danube Transfer Centre
EaP	Eastern Partnership (countries)
EECA	East European and Central Asian (countries)
EEN	Enterprise Europe Network
EoI	expression of interest
EU	European Union
EWF	Europe Welding Federation
GRDF	Georgian Research and Development Foundation
IB	International Bureau
ICARTI	International Centre for Advancement of Research Technology and Innovation
ICT	information and communication technologies
IIW	International Institute of Welding
INTAS	International Association for the promotion of cooperation with scientists from the independent states of the former Soviet Union
IPA	SC IPA CIFATT Craiova
IPD	International Collaboration Department

KIC	Knowledge Innovation Community
NASB	National Academy of Sciences of Belarus
NATO	North Atlantic Treaty Organization
NCP	national contact point
NGO	non-governmental organization
NITT SK	National Centre for Technology Transfer Support in Slovakia
NMC	new media consortium
NTUU "KPI"	National Technical University of Ukraine "Kyiv Polytechnic Institute"
PEWI	E.O. Paton Electric Welding Institute of the National Academy of Sciences of Ukraine
RCTT	Republican Centre of Technology Transfer
RTD	research, technology and development
SCST	State Committee for Science and Technologies of the Republic of Belarus
SE	state enterprise
SEZ / SIG	Steinbeis-Europa-Zentrum of the Steinbeis Innovation gGmbH
SME	small and medium enterprise
STCU	Science and Technology Centre in Ukraine
STI	science, technology and innovation
SUA	Slovak University of Agriculture
TO	technology offer
TR	technology request
TTC	technology transfer centre

TTO	technology transfer organization
UIITE	Ukrainian Institute for Information Technologies in Education
UKS	Union of Slovak Clusters
UNDP	United Nations Development Programme
UNIDO	United Nations Industrial Development Organization
UTC-N	Universitatea Tehnica din Cluj-Napoca

1 EU-EaP Science and Technology Dialogue: Tackling Technology Transfer Needs

Scientific research and transfer of technologies into innovative products, services and processes are the backbone of any knowledge-based economy. They are considered major drivers of economic growth, societal development and appropriate responses to global challenges. The European Union (EU) and the Eastern Partnership countries (EaP) share common goal of achieving political, economic and social stability and prosperity. Knowledge-based economies are considered as keys to success in both regions. Overarching policy objectives in the European Union are expressed in adopted strategies and most prominently in the EU's Europe 2020 strategy for smart, sustainable and inclusive growth with the European Innovation Union being one of its flagship initiatives. Scientific research and technological development (RTD) and innovation are indispensable assets for responding to the global challenges which affect – directly or indirectly – all of us. Bilateral and multilateral cooperation in this field is also essential to make optimum use of each other's academic strengths, to share respective resources and to prepare the ground for a joint transfer of scientific results into innovative applications for national, regional and worldwide markets. Although cooperation in science, technology and innovation between the EU and the EaP partner countries is quite strong, there is still room for further development[1].

A double approach is proposed for identifying priorities for future cooperation with EaP countries:

a) common societal challenges to focus on; and

b) cross-cutting issues to address in priority in order to improve the cooperation framework conditions[2].

1 White Paper on Opportunities and Challenges in View of Enhancing the EU Cooperation with Eastern Europe, Central Asia and South Caucasus in Science, Research and Innovation: www.ceriss.eu/files/White_Paper_main_for_web.pdf

2 White Paper on Opportunities and Challenges in View of Enhancing the EU Cooperation with Eastern Europe, Central Asia and South Caucasus in Science, Research and Innovation: www.ceriss.eu/files/White_Paper_main_for_web.pdf