

**Information on the complementarity of the SG OP with Horizon 2020, COSME and ETC programmes and programmes financed from the state budget – elements of the Programme which were not included in the SFC system due to a limited number of characters in section 8. Coordination system.**

**Complementarity of the SG OP with the Horizon 2020 Framework Programme (H2020)**

The following may contribute to the coordination between the SG OP instruments and the Horizon 2020 programme:

- codification of the rules for the provision of support (e.g. common criteria for the selection of projects);
- determination of common strategic objectives;
- harmonisation of the rules concerning the eligibility of costs;
- ensuring the possibility to combine funding from both sources;
- preparation of common or synchronised schedules for calls for proposals and examination of projects.

The synergy and complementarity between the SG OP and H2020 may be ensured through the following sample solutions:

- enabling the SG OP beneficiaries to implement a part of the project in the framework of international cooperation outside Poland;
- using a conditional decision on financing from structural funds, dependent on the results of the project evaluation in the framework of H2020 – used if a beneficiary plans to implement two complementary projects;
- incorporating the “synergy watch system” into applications for co-financing from the SG OP (an application has to contain information on previous/planned financing from the H2020 resources and connection between the project and other activities);
- determining some of the principles of financing – standard unit costs, lump sums, flat-rates, in accordance with the H2020 in relation to a similar kind of operation and beneficiary;
- using the database of H2020 experts for choosing experts to evaluate projects in the SG OP.

The MA of the SG OP may enter into cooperation with contact points from H2020 to ensure higher complementarity of the support.

At the stage of implementation of the SG OP and Horizon 2020, the so-called “project banks” may be developed, which facilitate matching complementary projects, matching projects and beneficiaries, as well as developing detailed guidelines for applicants on the possibilities of finding complementary sources of funding.

**The Programme for the Competitiveness of Enterprises and SMEs for 2014–2020 (COSME)**

The COSME programme is a continuation of initiatives and activities already undertaken under the *Competitiveness and Innovation Programme* (CIP), especially in its part related to entrepreneurship and innovation.

Coordination of interventions under the COSME Programme with the support available under the SG OP will ensure complementarity in the area where the SG OP contributes to the implementation of the IP 1.b and IP 3.A. Coordination of different types of support may concern e.g. development of guarantee instruments or venture capital instruments. Moreover, COSME interventions

complementary to the SG OP concern the improvement of competitiveness and sustainability of enterprises in the EU, strengthening the enterprise culture and improvement of the access of SMEs to repayable financing.

### **Complementarity of the SG OP with transnational programmes and the interregional programme of the European Territorial Cooperation (ETC)**

In the 2014-2020 perspective, Poland is engaged in the following cooperation programmes: Interreg Baltic Sea Region Programme (transnational cooperation), Interreg Central Europe Programme (transnational cooperation) and INTERREG EUROPE Programme (interregional cooperation). All these projects will aim at achieving, among others, thematic objective 1. Projects concerning the innovation activities which may be supported under the abovementioned ETC programmes are of soft nature and are based on creating partnerships, supporting the flow of knowledge and exchange of experience, analysing regional policies on the infrastructure of innovation and creating transnational network of clusters. Hence, some activities financed by the SG OP and ETC programmes will be complementary and will have a positive impact on the intervention undertaken in the framework of these OP. The synergy may consist in the fact that the effects of activities financed under the mentioned ETC programmes may contribute to increasing the potential and skills of the personnel of institutions implementing projects co-financed from the SG OP funds. Moreover, innovative solutions tested in the framework of pilot activities in ETC programmes may be implemented on a wider scale under the SG OP.

### **Complementarity of the SG OP with the programmes of the Ministry of Science and Higher Education (MSHE)**

The SG OP is complementary to the programmes implemented by the MSHE, i.e. Brokers of innovation and TOP 500 Innovators programmes.

Activities to improve the effectiveness of the process of commercialisation of research results, creation of social infrastructure supporting the process of commercialisation of knowledge and integration of scientific community with the economic environment as well as disseminating results of research in the business environment are conducted in the framework of the Brokers of innovation programme.

In the SG OP, the process of commercialisation will be supported under TO 1, among others through the initiation of cooperation between business and science, supporting the whole process of developing innovation from the stage of idea to commercialisation of the results of R&D works.

The TOP 500 Innovators programme raises the professional qualifications of the R&D personnel in terms of cooperation with the economy, research management and commercialisation of their results. Implementation of the TOP 500 Innovators Programme contributes to the best use of national and European funds for research by Polish scientists and participants of the programme. The SG OP implements a separate instrument dedicated to the support for the R&D personnel.

### **Complementarity of the SG OP with the programmes of the National Science Centre (NCN)**

SG OP provides funding for research and development leading to innovation and for projects whose aim is to develop new research units infrastructure or to extend the existing one. The SG OP finances expenditure for the development of personnel (training, internships, research grants, post-graduate and doctoral studies) participating in R&D (in the framework of cross-financing) as eligible expenditure in R&D and innovation projects. Programmes of the National Science Centre support fundamental research conducted in the form of research projects, doctoral scholarships and internships after obtaining the doctoral degree and finance research projects for experienced scientists who aim to conduct pioneer research important for the development of science.

### **Complementarity of the SG OP with the programmes of the Bank Gospodarstwa Krajowego (BGK)**

The SG OP finances projects based on the implementation of new technology. Financial instruments under the SG OP create incentives for the engagement of private capital in financing innovative projects. These instruments are complementary to the surety and guarantee-based activity of the BGK related to the management of programmes and funds such as e.g. de minimis portfolio guarantee programme. BGK also provides support for the innovation activity of enterprises in the form of technological credit.

### **Complementarity of the SG OP with the programmes of the Polish Agency for Enterprise Development (PAED)**

The SG OP finances activities related to stimulating the cooperation between science and business – innovation vouchers, e.g. by purchasing a service consisting in the development of a new product, design or a new production technology. Projects conducted in the framework of the activity will lead to strengthening the cooperation between enterprises and scientific units. Programmes of the Polish Agency for Enterprise Development, e.g. the Innovation voucher, whose aim is to initiate contacts between micro or small enterprises and research units. Support under the *Innovation voucher* programme may be used exclusively for the purchase of a service related to the implementation or development of a product or technology.

### **Complementarity of the SG OP with the programmes of the National Centre for Research and Development (NCRD)**

The SG OP will draw from the experiences of the implementation of the BRIDGE VC programme, conducted by the NCRD with the participation of venture capital funds. This programme finances research and development and supports the process of their commercialisation.

Other projects implemented by the NCRD which aim at raising awareness of the protection of intellectual property and professional support in conducting the process of commercialisation of R&D results are the Innovation Creator, Patent Plus and SPIN-TECH projects. Measures conducted in this area by the NCRD are complementary to the activities to be implemented under the SG OP, especially in the framework of priority axis IV of the programme.

### **Some of the NCRD programmes supporting research and innovation which are complementary to the SG OP:**

- The Applied Research Programme, aimed at supporting application research programmes, i.e. research undertaken to acquire new knowledge which has a particular practical application;
- INNOTECH whose aim is to improve the cooperation between enterprises, universities and public sector research units as well as to contribute to broadening the offer of national enterprises in terms of hi-tech products;
- INNOLOT sectoral programme whose aim is to finance research and development of innovative solutions for the aviation industry;
- INNOMED sectoral programme whose aim is to finance research and development of innovative solutions for the area of medicine;
- CuBR Programme; the undertaking will involve research and development related to new quarrying technologies, metallurgical and processing processes, new products and their recycling;

- Blue Gas – Polish Shale Gas programme whose main aim is the development of technology in the shale gas extraction area in Poland and their implementation into the economic activities of enterprises operating in Poland;
- Gekon – Generator of Ecological Concepts programme whose aim is to increase innovation of the Polish economy through the development of ecological technologies;
- „BRIDGE: Commercialisation of R&D results – testing new support mechanisms” – pilot undertaking aiming at supporting the commercialisation of R&D results by developing, testing and implementing new intervention mechanisms in practice;
- “Prevention and treatment of civilisation diseases – STRATEGMED” strategic programme whose main aim is to achieve significant progress in combating civilisation diseases and regenerative medicine on the basis of the R&D activity conducted in four areas: cardiology and heart surgery, oncology, neurology and senses and regenerative medicine;
- GRAF-TECH Programme providing support for research, development and preparatory activities for the implementation of products based upon the use of the unique properties of graphene;
- “Support for scientific research and development on demonstration scale – Demonstrator +” undertaking whose main aim is to increase the transfer of R&D results on demonstration scale, especially to develop a new technology or product and to test the developed solution on demonstration scale.