

Strategic partnerships of Statistics Poland

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Challenges

- Changing information sector
- Digital economy
- Explosion of the number of potential new data sources, flood of big data
- Growing number of data providers
- Limited resources, knowledge, skills and experience
- Limited perspectives
- ...
- ...the job seems to be too big for just any one institution or sector

Strategic partnerships

- cooperation crucial for the parties to reach their strategic goals
- parties benefit serving public, sharing the same customers
- exchange of experience, common cohesive solutions and approaches
 - new techniques
 - new methods
 - new skills
 - new data

Strategic partnerships

- innovation, development of new or improved
 - products,
 - processes,
 - communication methods
 - strategies
- more efficient production processes
 - granularity, timeliness, scope of statistics
 - new surveys, measuring what matters
 - new sources and kinds of data

Statistics Poland

- Partnerships at Statistics Poland are build starting on the strategic level,
 - the need is explicitly communicated by a top management,
 - with an intention to eventually become a separate formalized strategy itself (strategy for building partnerships).

Partners

- Central, regional and local public administration (GOV)
- Research and higher education sector (HES)
- Private non profit organizations (PNP)
- Business enterprise sector (BES)

Statistics for cohesion policy

strategic partnerships, 2 framework projects

- Strategic partnership with the Ministry responsible for regional development
 - Support for the monitoring of cohesion policy in the financial perspective 2007-2013 and programming and monitoring of cohesion policy in 2014-2020
 - Support for the monitoring of cohesion policy in the financial perspective 2014-2020, and after 2020
- ~100 research projects so far

Statistics for cohesion policy

strategic partnerships, 2 framework projects

- Europe 2020
- R&D and innovation
- Labor market and poverty
- Regional accounts
- Public services
- Functional areas
- Databases for monitoring of cohesion policy
- Other research projects

Public Service Monitoring System (SMUP)

- Development and implementation of the public services monitoring system
- Partners
 - The Ministry of Internal Affairs and Administration
 - Association of Polish Cities
 - Association of Polish Districts (Poviats, NUTS4)
 - Silesian Association of Municipalities

Public Service Monitoring System (SMUP)

- Lack of a consistent monitoring system for public services,
 - which would allow every citizen to gain access to information on the availability and quality of delivery of goods and services,
 - for which public authority is responsible
- The institutions responsible for the delivery as well as the recipients of services have
 - limited possibilities to compare their
 - quantity and quality,
 - availability and cost efficiency

Public Service Monitoring System (SMUP)

- 16 working groups
 - Public Services Research Methodology Group,
 - System and IT Group,
 - Source Integration Group,
 - 6 Thematic Working Groups,
 - 6 Groups of Experience Exchange and
 - Focusing Group

Public Service Monitoring System (SMUP)

- Innovations come through
 - jointly defining the needs and design of appropriate means to measure and monitor public services
 - by experts from official statistics and local government experts
 - testing and piloting developed solutions

Integrated Social Economy Sector Monitoring System

- Partnership with
 - Ministry of Family, Labor and Social Policy
 - PNP (NGOs)
- The main goal of the is to create and sustain a comprehensive monitoring system for the social economy sector
- Provide key indicators related to the condition of the social economy sector and its importance in the national economy
- Planning and evaluation of national and regional public policies for the development of the social economy

Social and economic development in conditions of globalizing markets (GOSPOSTRATEG)

- The first competition for open partnerships projects between
 - public administration and
 - research, non-governmental organizations,
- under the strategic program for R&D support
- The main objective of the Program is
 - to increase the use in the perspective of 2028 of the results of socio-economic research
 - in shaping national and regional development policies

Applicant / Leader and members of the consortium

Title of the project

1

Statistics Poland;
Tadeusz Kościuszko Cracow
University of Technology;
Szczecin Maritime University

An intelligent system for the production of road and maritime transport statistics - using large data volumes serving the country's transport policy



2

Statistics Poland;
Institute of Geodesy and Cartography;
Space Research Center
of the Polish Academy of Sciences

Satellite identification and monitoring of crops for the needs of agricultural statistics



3

Statistics Poland;
Warsaw School of Economics;
Institute of Computer Science of the
Polish Academy of Sciences

Construction of an integrated system of retail price statistics



Intelligent system for the production of road and maritime transportation statistics

- Partners
 - Cracow University of Technology Tadeusz Kościuszko
 - Maritime University of Szczecin
- Combining data from various sources, developing methods and using appropriately adapted tools for processing big data
- Modernization of the production of statistics, implementation of new technological solutions leading to:
 - reduction of the burden on respondents
 - production costs
- Development of new statistics, methodology for estimation of traffic volume, transportation performance and emission of pollutants

Integrated system of retail price statistics

- Partners:
 - Warsaw School of Economics
 - Institute of Computer Science, Polish Academy of Sciences
- Modernization of the process of measuring changes in retail prices of goods and services,
- Integration of new data sources, and methods of data acquisition

Satellite identification and monitoring of crops

- Partners:
 - Institute of Geodesy and Cartography
 - Space Research Center of the Polish Academy of Sciences
- Improving the identification and monitoring of agricultural crops
- Methods for assessing the impact of extreme events such as flood, drought, frosts, flooding, etc. on the condition of crops during the growing season
- Based on satellite data from the European COPERNICUS program

‘Circular economy monitoring’

- Partners:
 - Ministry of Entrepreneurship and Technology
 - Institute for Mineral Resources and Energy Economy of the Polish Academy of Sciences
 - Cracow University of Economics
- Development of measurement system, enabling the assessment of progress in the transformation towards a circular economy
- Assessment of the impact of a circular economy on socio-economic development at the mesoeconomic (regional) and macroeconomic level

Continuity and change - rural development and Polish agriculture

- Partners
 - Ministry of Science and Higher Education
 - Institute of Rural Development, Polish Academy of Sciences
- Interdisciplinary cooperation of the humanities and social sciences for environmental dialogue

Partnership cooperation on the regional level 'Regional Research Centers' in regional offices

- Strategic partnerships are intensively promoted on regional and local level,
 - regional statistical offices involved heavily in building regional information infrastructures

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- Strategic partnerships are intensively promoted on regional and local level,
- Regional statistical offices involved heavily in building regional information infrastructures
- Objective
 - building a coherent, widely available, comprehensive information system

Role of Regional Research Centers

- established in 2010 - systematization of activities, experience and expertise knowledge
- a coherent operating model
- extended catalog of entities with which the Centers cooperate
- systemized and ad hoc cooperation (including cross-border)
- high activity in cooperation with local government and academia
- involvement in planning activities and monitoring of regional development
- statistical support for regional studies, analytical projects
- statistics education

Partners

- regional and local public administration
 - local government (both regional and local level)
 - local units of central government
 - local departments of education
 - regional and local labor market offices
- academia (universities, research institutes)
- institutions (territorial level) of neighboring countries
- associations of cities, districts, etc.
- PNP (NGOs)
- National Bank of Poland (regional branches)
- business sector, including associations

Forms of cooperation

- task teams and steering committees for the regional development strategies and regional industry strategies
- task teams for monitoring regional smart specializations
- task teams for monitoring the implementation and effects of social policies
- regional observatories and territorial forums
- Regional Operational Program monitoring task forces

Forms of cooperation

- labor market councils
- social dialogue councils
- regional innovation councils
- regional councils of health needs
- regional committees for the social economy
- task teams for rural development,
- task teams an action plan for employment

Agreements, letters of intent

- Marshal Offices
- Regional Spatial Planning Offices
- City Halls
- ‘functional areas’ (associations of cities, districts,...)
- research institutions
 - often - as a part of tripartite cooperation, i.e. with the participation of local government representatives
- Voivodship Offices
- regional labor market councils, observatories
- local departments of education

Areas of cooperation

- regional policy monitoring
- diagnosis of the socio-economic situation
 - e.g.. functional changes of a territorial units
- developing a methodology for monitoring phenomena,
 - e.g. smart specializations
- specific disaggregation of data

Areas of cooperation

- specific research topics
 - e.g. the number of foreigners on the labor market),
 - suburbanization
 - rural development
 - the social economy sector
 - situation of elder people
 - innovation
 - tourism
 - cooperation between business and academia
 - ...

Research and analytical projects (examples)

- Diagnosis of the socio-economic situation of rural areas and agriculture in the Lublin province
 - for the Silesian Voivodship Office
- Opportunities, threats and potential directions of rural development by 2030 in the Lower Silesia Voivodship
 - for the Marshal Office of the Lower Silesian Voivodship, Agricultural Advisory Center in Wrocław, University of Life Sciences
- European regions for synergies in the circular economy (SCREEN)
 - for the Marshal's Office, Regional Office of the Lodzkie Voivodship in Brussels

Research and analytical projects (examples)

- The situation of older people in the Warmian-Masurian Voivodeship
 - for the Warmian-Masurian Voivodeship Office
- Study of conditions and directions of spatial development of Szczecin
 - for the City of Szczecin, the Department of Spatial Planning
- Study of the creative sector in Poland
 - for the University of Warsaw

Outputs

- effective statistical information management
 - quick response to the changing needs
- identification of user needs
- comprehensive research agenda
- cooperation with other partners for regional studies
- analytical support for regional authorities
 - strengthening their competences
- partnership in developing strategies and development program plans

Outputs

- integration of non-statistical sources
- implementation of new research methods and tools
 - based on experience from partnerships
- knowledge hub for regional studies
 - integration of dispersed but available data and knowledge in the region
- sharing knowledge
- statistics education

Partnerships with international partners

- Evaluation of innovation policies
 - partners
 - World Bank
 - National Center for Research and Development
 - counterfactual analysis based on NSO's data
- Productivity analysis
 - IMF
 - Ministry of Growth

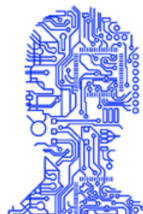
Other partnership activities with academia

- Statistical Olympiad
- Competition for the best MA and PhD thesis
- School classes and academic lectures
- European statistical competition
- Hackathon ('Show-me-data', AR applications)
- 'Corporate' Social Responsibility
- Academic conferences (10 in 2018)



ShowMeData Hackathon GUS

14-15 kwietnia 2018



Forthcoming significant partnerships

- ‘Open Data Plus’
 - partners
 - Ministry of Digital Affairs
 - Ministry of Finance
 - other public administration partners
 - NGOs, BES
 - building comprehensive and cohesive system of APIs to public databases
- Health statistics
 - partners:
 - National Health Fund,
 - Ministry of Health
 - exploring the potential of health care data

Lessons learned

- Understand motivations and objectives
- Build trust
- Develop clear agreements and be flexible
- Redefining the role of central and local authorities, evolution of responsibilities of government
- Partnerships are essential for efficient use of available assets and to achieve scaled economies



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European Conference
on Quality in Official Statistics

26-29 June 2018
Kraków, Poland



YouTube

Linked



Thank you
for your attention!

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