



Cluster World Congress II

2016

Dąbrowa Górnicza / Silesia / Poland

"Triple helix in international projects. Building the local economy and the world through cross-sectoral co-operation "

Congress Agenda



CLUSTER WORLD CONGRESS

Triple helix in international projects. Building the local economy and the world through cross-sectoral co-operation

The second edition of the Cluster World Congress is organized under the motto “Triple helix in international projects. Building the local economy and the world through cross-sectoral co-operation”.

The first edition of the Congress was a great success therefore the following event was dedicated to strategic national and international projects. The projects were implemented through multi-sectoral and cluster cooperation.

The Clusters are independent initiatives and are set up according to the goals being pursued. Similar idea will guide the Cluster World Congress where independent ideas will be presented along with detailed international European projects planned for the upcoming years. Additional presentation topics will include: cluster innovation, solutions for specific branches of the economy, cooperation between businesses as well as local government and civilian society in the implementation of large scale projects related to the creation of innovative solutions.

At the Congress the various panels will present the opportunities for collaboration and actions necessary for the implementation of international projects such as POLAND 3.0: the National Programme for the New Industrial Policy of the Republic of Poland 2014-2020. The project is the largest cross-border project in Europe carried out by clusters.

The additional topics featured at the Congress include:

Sectoral co-operation - sustainable development - multimodal transport and logistics - the macro-regional strategies – CSR

Both Polish and international clusters will take part in congressional discussions and panel. They will talk about the practice of integrating potential in order to improve global and local economy. Additional topics anticipated at the event are associated with the development, management, benchmarking, and financing cooperation connections. The topics featured at the Congress were carefully selected with consideration of the diversity of different sectors present at the event. Besides the chance of exchanging knowledge and experience.

Cluster World Congress will present other opportunities such as discussing planning and implementing international projects as well as finding the grounds for cooperation at the largest in Europe inland sailing Project and multimodal transport.

The opening panel

Poland as space with significant economic potential in the European Union

Building competitive economy based on balanced development using cooperation between sectors. Triple helix in implementing projects for key branches of economy.

Forum: transport and logistics

- 1. Responsibly managed transport. Transport network across Europe and building effective and intelligent logistics systems that integrate different branches of transport including land and sea transport.**

Intermodal and Multimodal Transport: Compatibility between different transport systems and advantages of their integration.

- 2. Poland – Czech Republic – Slovakia. Transnational Logistics Centre Gorzyczki – Vernovice and the development of transport infrastructure**

The Logistics Centre Gorzyczki – Wierzniowice is the only location where all essential transport corridors cross their paths. The plans for the Centre are a part of VI Multimodal North – South Corridor. The geographical location of the Logistics Centre would enable carrying out complex services associated with the storage and movement of goods between UE countries for the west, south, and north and the markets of Far East. UE supports projects integrating different means of transport. Gorzyczki – Wierzniowice Logistics Centre in numbers: Creating at least 75 000 new jobs, Service around 790 000 containers per year, Influence – 12.5 million people in the region, Range – worldwide from Silesia.

- 3. Poland – China. Wide Track for the Silk Road**

Wide Track and the Silk Road. Poland as a logistics centre for future investments.

- 4. Megaproject POLAND 3.0 – integrated cluster economy program for Poland and cross-border regions.**

POLAND 3.0 - precursor of a long-term project in the canvases of sustainable development and environmental protection for the Polish and cross-border regions. The program integrates many undertakings aiming to integrate Polish rivers, highways, and railways into multimodal transport system. It also plans to build the largest in Europe Logistics Centre in Gorzyczki – Vernovice. Integrated economy program for Poland and cross border regions, New Economy Politics National Program in the Republic of Poland 2014 – 2020 creating economical ecosystem. Investments, export, innovation – based on Polish technology ideas.

Forum: Energy of the Future

1. Hydroelectric power plants

Using the energy potential of water, perpetual motion of water – self-sustainable water corridors. Solutions for financing water corridors.

2. Modern effective mining

Forum: water management, sea and inland sailing

1. International, balanced river transport and effective inland sailing – Odra Water Route

Inland sailing is an important element of European transport system. Odra Water Route is an axis of “the green transport corridor”. Germany – Poland – Czech Republic cooperation.

2. Vistula River. Outlook for the development and usage of transport

Perspectives for development along the entire river on selected section (Upper Vistula, Central Vistula, Lower Vistula) of transport route (transport of goods and tourism) as well as other aspects of economical use of the river (energy, fisheries). Selected aspects of water economy (retention – drought, flooding).

Forum: low emission economy and ecology in transport and balanced development

1. Low emission economy and environmental protection – social responsibility of projects: using environmentally friendly solutions.

Presentation: “North – South” Logistics Cluster – implementation of the mobility of electric land and water vehicles and ICT systems for smog prevention in large urban areas. Intensifying the implementation of delivery electric vehicles. Electrical car and passenger ferries and specialized electrical water vehicles as a response to the Sulphur Directive, lowering CO₂ emissions and improving economic effectiveness. ICT systems in logistics based on TRISTAR management project

2. Oxford debate: Nature 2000 – Eco-terrorism – Drought and Flood. Is it possible to implement projects offering solutions for overall safety, transport, and economy considering extensive environmental requirements and procedures of Nature 2000.

Nature 2000. Ptasia I Siedliskowa Directive, Ecological Corridors in River Valleys, the purity of water, water retention and stabilization, landscape protection.

Forum: Social responsibility of a business

1. Social responsibility of a business

The panel focuses on social responsibility of businesses such as: human rights, human resources management, natural environment, honest business practice, consumer rights, involvement and development of society, managing an organization. The influence of decision-making and business activity on society and natural environment will be discussed.

Forum: development of cities and regions

- 1. Silesia as a unique place in Europe where the most important transport systems cross and the most promising region in the European Union.**
- 2. The future of cities lies by the rivers**

Throughout centuries rivers played a huge part in the development of cities establishing their strength through defence and transportation. Investing in inland sailing might boost urban boom and initiate development of sailing infrastructure, services, tourism, raise the value of living spaces allowing investors to develop unused land.

Forum: international safety

- 1. Safe Baltic – dark heritage of WWI and WWII. Conventional and chemical weapons.**

Ticking chemical bomb. Danger associated with sunken WWI and WWII weapon in Baltic Sea – Plan for immediate action to provide safe for Baltic countries. Conventional and chemical weapon – danger analysis, the repercussions of ignoring the danger, technologies for locating objects underwater, technologies to utilize conventional and chemical weapons.

Forum: space and air industry

- 1. Polish Industry. Poland – Ukraine cooperation: Airplanes, helicopters, specialized vehicles and drones**

Is Poland able to afford producing its own airplane and helicopter? Why is Ukraine our closest and most natural partner in this matter?

International cooperation of clusters in airplanes, helicopters, and drones projects following polish technological and production ideas.

- 2. Panel + debate: Clusters for airplane, defence, space, and marine industries.**

Forum: Health 3.0: medicine – health, safety, and innovation.

1. Session I – Public health

- practical aspects of implementing public health laws (strategies for Poland NPZ and PP)

2. Session II – Healthy environment – influence on health of an individual and a society

- healthy food
- clean air
- pure water

3. Session III – Polinnovation – Technological innovation – moderator Jacek Siwiec

- Medical Devices – cooperation between different sectors, impact on the development of health services and technologies
- E-Health- implementing solution to Polish market on European experiences and UE directives
- Project Mars

4. Session IV – Risk Alert – Managing safety of patients and health care employees

- risk management
- undesirable events – health, financial, economical, and system aspects
- communication and changes in behaviour
- damage management – health reconstruction

5. Oxford debate – “Competitiveness on health care market – necessity or oxymoron”

Forum: management and finances

1. Venture Capital and cluster projects financial instruments – financing international projects, Horizon 2020

2. Poland – East Fund

3. From a start up to a global enterprise

4. Triple Helix. Multilevel management, tendencies on the global economy market

Multilevel management MLG as a model for strategic project management and innovation based on two MLG poles: vertical (KE, national government, regional government) and horizontal (business, science, society).

Nowy Sacz Border Patrol Concert