SmartBlue REGIONS

Interreg Baltic Sea Region

EUROPEAN UNION
EUROPEAN REGIONAL DEVELOPMENT FUND

Pomorskie
życia pełne

Challenges to and opportunities for activation of the business and R&D sectors in Pomorskie

Be Smart, Think Blue Conference & Brokerage Event 2016

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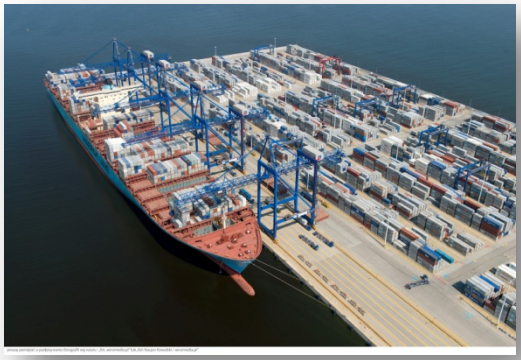
BLUE POTENTIAL IN POMORSKIE

- **Transport & freight forwarding**

  54 mln tons of cargo and over 1,8 million TEU transhipped in 2015 - 2nd place in the Baltic Sea Region



- **Design & construction:**

  34 Tri-City ship design centres employ around 850 engineers

- **Shipbuilding & Off-shore industry:**

  revenues approx 2,75 bn EUR, 90 % of companies are private capital, 16 729 employees;

- **Tourism:**

  8mln tourists visted Pomorskie which is 25% of all traffic in Poland (1,8mln foreign tourists, mainly from Germany& Scandinavia);

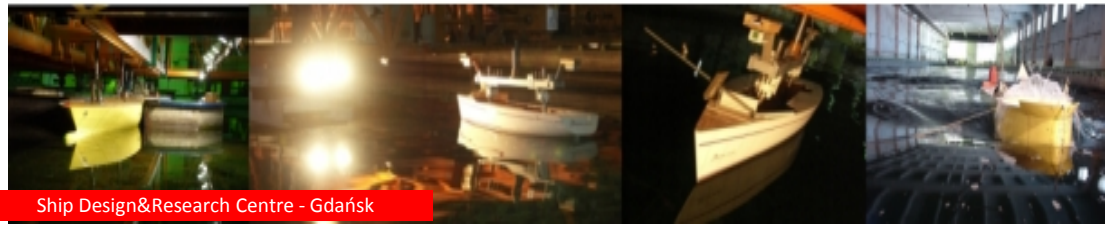
- **Food production:**

  > 70 fish and shellfish processing plants are located in Pomorskie, with 172 thous. ton of production, which is one-third of the Polish market, 63% export oriented

* Source: Central Statistical Office of Poland 2015 r.

MARITIME INDUSTRY

Energomontaż-Północ Gdynia



Ship Design&Research Centre - Gdańsk

Rolls-Royce

WÄRTSILÄ

DAMEN

LOTOS

CONRADSHIPYARD

DNV·GL

STOCZNIA REMONTOWA nauta S.A. SHIPREPAIR YARD

energomontaż północ GDYNIA GRUPA POLIMEX-MOSTOSTAL

ABS TYPE APPROVED PRODUCT

Nautica Boats

AIJ Group

REMONTOWA

MOSTOSTAL POMORZE

VISTAL

Sunreef Yachts LUXURY YACHT BUILDING

REMONTOWA SHIPBUILDING S.A.

HYDRO NAVAL

REMONTOWA Marine Design & Consulting Sp. z o.o.

GSG Towers Gdansk Shipyard Group

Stocznia Gdańsk S.A.

CRIST

SAIL SERVICE

GALEON

ADMIRAL BOATS

BLUE EDUCATIONAL OFFER

University of Gdansk

- Oceanology and Geography: 1405 students
- Biotech, chemicals, pharmaceutics and cosmetics: 9000 students

Gdansk University of Technology

- Ocean Engineering: 1227 students
- Electronics and communication: 1099 students
- Electrical Engineering: 1178 students
- Mechanics and machines construction: 1252 students

Gdynia Maritime University

- Electronics and communication: 413 students
- Electrical Engineering: 586 students
- Mechanics and machines construction: 987 students

Gdynia Naval Academy

- Automatics and robotics: 56 students
- Mechanics and machines construction: 231 students

Shipbuilding Faculty at Gdańsk University of Technology was established in 1904

COMPETITION FOR SMART SPECIALIZATION

announced on May 2014 by the Self-Government of the Pomorskie Region

opened to all interested regional Partners and stakeholders

1

1st stage: 28 Partnerships submitted proposals (assessed in terms of their strengths and weaknesses and growth potential

assessed by the Selection Board

conducted in 2-stages

2

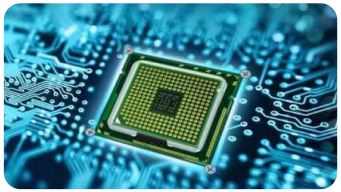
2nd stage: a final number of 7 proposals (full assessment)

decision: 4 Pomorskie Smart Specialisations (April 2015)

signing the Agreements on Smart Specialisations in January 2016

POMORSKIE SMART SPECIALISTIONS

Off-shore, port and logistics technologies which will foster on the economically effective and environmentally safe exploration and exploitation of maritime resources



Interactive technologies in an information-saturated environment which will improve the effectiveness and security of various human activities in the economic and social sphere

Eco-effective technologies in the generation, transmission, distribution and consumption of energy and fuels and in construction which will contribute to decreased energy consumption of the economy and lower its negative impact on the environment

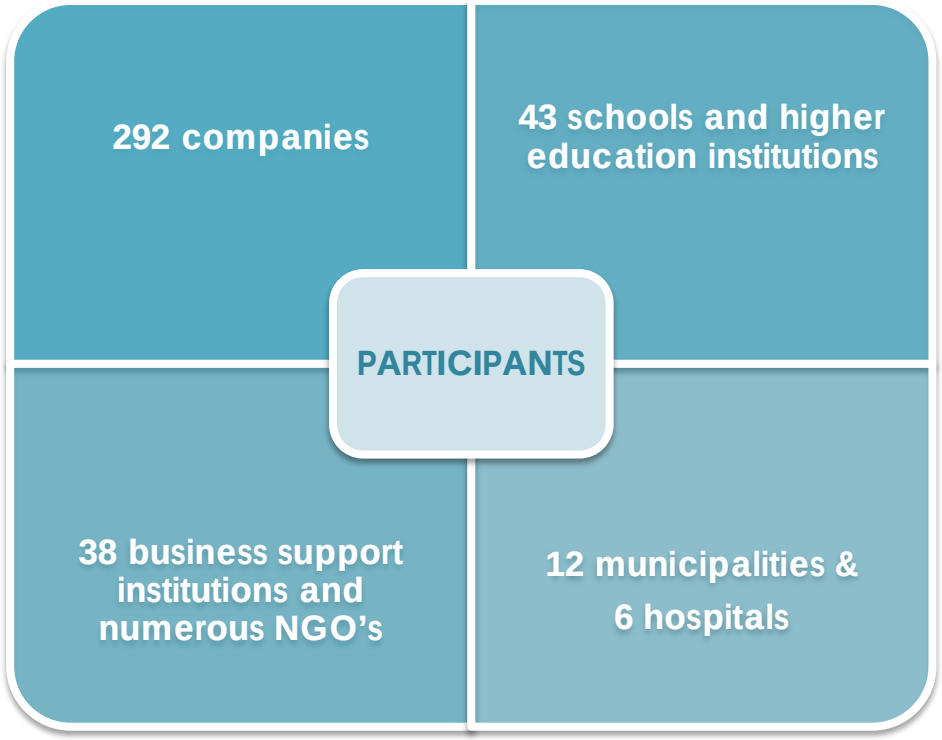
Medical technologies in the area of civilization and ageing-associated diseases which will contribute to the reduction of social and economic costs of civilization and ageing-associated diseases

OFF-SHORE, PORT AND LOGISTICS TECHNOLOGIES

MAIN PRIORITY RESERCH AREAS:

- Universal solutions for exploitation of marine resources;
- Vehicles and vessels to be used in marine and coastal environment;
- Equipment, techniques and systems for monitoring and cleaning the marine environment and its facilities;
- Innovative ways and technologies for utilizing natural compounds produced by marine organisms
- Technologies, equipment and processes aimed at improving the safety and efficiency of transportation and logistics in ports.

POMORSKIE SMART SPECIALIZATIONS - PARTICIPANTS



ACHIEVEMENTS & OPPORTUNITIES

- consolidation of the scientific and business community in the process of defining smart specialisation, building trust and openness;
- defining horizontal projects that are of crucial importance for the region;
- establishing the Councils of Smart Specialisations that facilitate contact with business and science partners
- mobilisation of research potential in the Pomeranian companies – due to the idea of smart specialisations as well as the competitions within regional operational programme

BLUE GROWTH PROJECTS

type of the project (competition)	number of projects	value of the projects (million EURO)
Expansion through innovations (competition no 1.1.1 ROP *)	23	35,06
Profiled investments (competition no 2.2.1 ROP)	46	18,38
Transfer of knowledge to the economy - research infrastructure (competition no 1.2. ROP)	4	31,03
Universities infrastructure (competition no 4.2 ROP)	2	6,2
New educational programmes (competition no 3.1. OP KED**)	5	1,59
Total:	**80**	**92,26**

*Regional Operational Programme
** Operational Programme Knowledge Education Development

CHALLANGES

- lack of proven models of cooperation between science and business resulting in reluctance of entrepreneurs to establish cooperation with universities;
- shallow understanding of the concept of ‘innovation’ - not enough innovative projects;
- highly restrictive rules of state aid law;
- lack of experience in the preparation of research projects;
- difficulties in defining research problems by enterprises

Thank you for attention