

# Development of Cities in the Baltic Sea Region

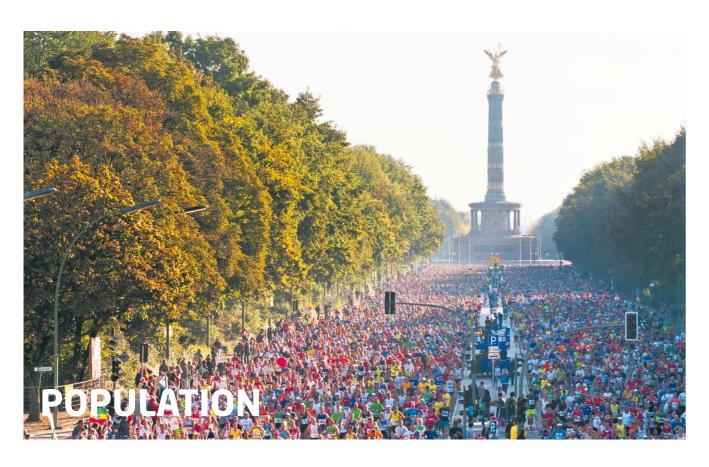


Cities have been the main drivers of development in the Baltic Sea Region (BSR) since the days of the Hanseatic League. The structure of modern cities in the BSR formed along with the flourishing of major industries at the turn of the 20th century. At that time, Berlin and Saint Petersburg, both rapidly growing capital cities, were among the world's ten largest metropolises. With populations of over half a million, Hamburg, Warsaw, Copenhagen, Riga and Wroclaw were among the largest cities in Europe. A century has passed since then, the world has changed, but the pulling

power of cities as centres of development has not decreased.

The VASAB publication examines the development of cities of the BSR between 2005 and 2014 in four aspects: demography, economic performance and dynamics, human capital in cities and social inclusion and quality of life. The publication includes the most distinctive facts of the changes that have taken place over the past decade.

The development of individual cities differs due to their specific historical, geographic and economic characteristics. In order to provide a comprehensive portrayal of the situation in the BSR, 127 of the most significant centres of development, or the largest cities, all of which have populations of over 100,000 including suburbs (urbanised areas) were selected. For countries with lower population densities (Norway, Sweden, Finland and the Baltic States), cities with a population of over 50,000 were chosen. Considering the different interpretations of the city concept in various countries, a specific methodology for calculating the population of a city's urban area was used.





Population size is the key variable for many policies, especially for provision and maintenance of public and private services. A population increase in major city regions requires them to extend the capacity of services and improve the infrastructure, while a population decrease in peripheral cities requires improving mobility and restructuring of services, also those of general interest, due to diminishing demand. Demographic factors should be taken into consideration in spatial planning and social policy.

Similarly to a century ago, the largest metropolises in the BSR are Saint Petersburg and Berlin, with over four million inhabitants in each. They retain considerable influence. As the capital of the world's fourth-largest economy, Berlin has not lost any of the development impulse it received as the result of Germany's reunification, and it enjoys a growth rate that is well above average for German cities. The population of Saint Petersburg has also grown quite rapidly in the past decade because of immigration; however, its potential remains largely unrealised.

The other metropolises, like Warsaw, Hamburg, Minsk, Stockholm and Copenhagen, are not only the main centres of development in their countries; in many spheres, they transcend European borders and can be considered global metropolises. Hamburg, Germany's largest (and Europe's third largest) port city, is a metropolis on a European scale, while broader integration into Europe's structures is still a challenge for rapidly growing Minsk, the capital of Belarus. Likewise, Poland's industrial capital of Katowice, which is the centre of the polycentric

Upper Silesian agglomeration, faces the challenge of adapting to post-industrial development trends and thereby countering its shrinking population.

The influence of Helsinki, Oslo, Krakow, Gdansk, Bremen, Lodz, Gothenburg, Riga, Poznan and Wroclaw, being large



cities and significant centres of development in the BSR, extends beyond the national level. Several BSR cities with smaller populations have influence in various spheres that extends beyond the national level. Of particular note are the Lithuanian capital **Vilnius** and the Estonian capital **Tallinn** as well as **Berlin-Potsdam**, **Gdansk-Sopot-Gdynia**, **Oslo-Drammen** and others.

## Significant growth, active suburbanisation

**Bergen, Stavanger** and **Oslo** in Norway as well as **Stockholm** and **Malmo** in Sweden have experienced population changes of more than +16% in the past decade.

Excluding the crisis of 2008-2010, the economic growth experienced by Poland and the Baltic States has also led to suburbanisation around the most dynamically developing larger cities or even urban sprawl. Even though the Baltic States have experienced sharp declines in their populations since the early 1990s due to emigration and low birth rates, comparatively large suburban areas with growing populations have grown up around the most bustling cities, namely, Riga, Vilnius, Tallinn and Tartu. Of these, Tallinn is developing most successfully, with a population change of over +11% since 2005 and a population level that is now approaching that of the 1990s.

Fairly strong development and suburbanisation is also taking place in the BSR's largest Russian and Belarusian cities, with population changes of +9-10% in **Saint Petersburg** and **Minsk**.

#### Moderate growth and decline

German and Polish cities have not grown as rapidly as those in the Nordic countries. The population decline characteristic of the 2000s has been replaced with population changes of +3-9% in most of the BSR cities there, especially **Warsaw, Berlin** and **Hamburg**. Eastern Germany's largest port city of **Rostock** has experienced moderate growth, although populations elsewhere in eastern Germany continue to decline. Populations also continue to decline (up to -6%) in some of Poland's industrial centres, for example, **Lodz** and Upper Silesia (Katowice).

Growth has also picked up in **Vilnius**, although populations continue to decline in the other Baltic States cities, with some areas experiencing quite dramatic population changes of -11% to -19%.

After a long period of stagnation, the population of **Kaliningrad** has increased quite rapidly in the past five years (although only 5% over the past decade). The population consistently continues to decline only in **Murmansk**, Russia's remote Polar port city, where 384,000 inhabitants remain compared to a population of half a million in the early 1990s.

#### The role of migration

Migration has been largely driven by economic motives. The migration flows intensified soon after the economic crisis. Sweden, Finland and Norway and to lesser extent Germany – experienced a positive migratory balance, while the Eastern European countries, especially Latvia and Lithuania, as well as eastern regions of Finland, northern regions of Sweden, southeastern regions of Poland and northeastern regions of Germany experienced a negative migratory balance.

On a regional and sub-regional scale, a country's migration trends are complex. National averages do not reflect the actual situation in different regions and cities. Overall, cities and their neighbouring areas experience more internal and external migration, whereas rural regions tend to be less attractive. Cities and urban regions, especially capital cities, are more likely to attract young people.

The territorial patterns of migration processes are complex. It is assumed that large cities ensure more employment opportunities for the local population and are therefore less likely to face out-migration. However, for example in Latvia, where emigration accelerated after the accession to the EU and then picked up dramatically after the economic and financial crisis, the capital city Riga and other bigger development centres actually lost proportionally more population due to emigration than rural areas and small and medium-sized towns. These findings show the stabilising role of small and medium-sized towns.



**Demographic development** patterns are showing depopulation mainly through ageing and outmigration processes, especially in the new **EU** member states of the Baltic **Sea Region**. This poses a wide range of challenges to labour market and balanced regional development. Policies should be aimed towards addressing the demographic challenges and increasing labour productivity. Solutions for different types of labour forces should be created, with the aim of increasing labour market and job flexibility.



**Economic factors still** determine the nature of migration flows. The cities are expected to face accelerated global migration processes in future. In this context, it is necessary to support the role of cities so that they can develop ad hoc measures in humanitarian and financial assistance, including affordable housing. Improving early local responses of coordination, exchange of knowledge and practices and establishing governance partnerships are steps towards an effective inclusive approach.

• 2 • Development of Cities in the Baltic Sea Region • 3 •





## **Changes in GDP**

In terms of economic wealth, large differences can still be observed between the western part and the eastern part of the BSR. However, the former economic divide in the BSR has become more complex, and social differences play a more important role. The capital cities and other large urban regions in the eastern part are caching up with regions in the western part in terms of economic wealth.

#### Eastern economies are less developed, but their development is more rapid

The accession of the Baltic States and Poland to the European Union in 2004 has stimulated growth approaching that of average EU levels. In terms of GDP/PPP, Warsaw and Tallinn have already surpassed the EU average level, while some of Poland's largest cities (Krakow and Poznan) and the Baltic capitals (Riga and Vilnius) have almost reached it. Income level in Saint Petersburg, the BSR's largest city, is approaching 80% of the European average. However, income levels in

many more remote regional centres of the new EU member states are still only 40-60% of the European average. These levels are lower only in Belarusian regional centres and the Russian city of Pskov.

The GDP/PPP per capita increase has clearly been more rapid in the cities of the Eastern part of the BSR, where in the majority of cases this change has surpassed +55%. This rapid change is only natural, considering their lower base level. However, as the base level increases, it will be increasingly difficult to maintain such rapid levels of growth, because low costs, which are the current main driver of development, will have to be replaced with efficiency.

## Moderate economic development in the western part of the BSR, high income levels

The GDP/PPP in almost all of the largest cities in the western part of the BSR has surpassed 140% of the EU average. The only exception is Berlin, which has 113%

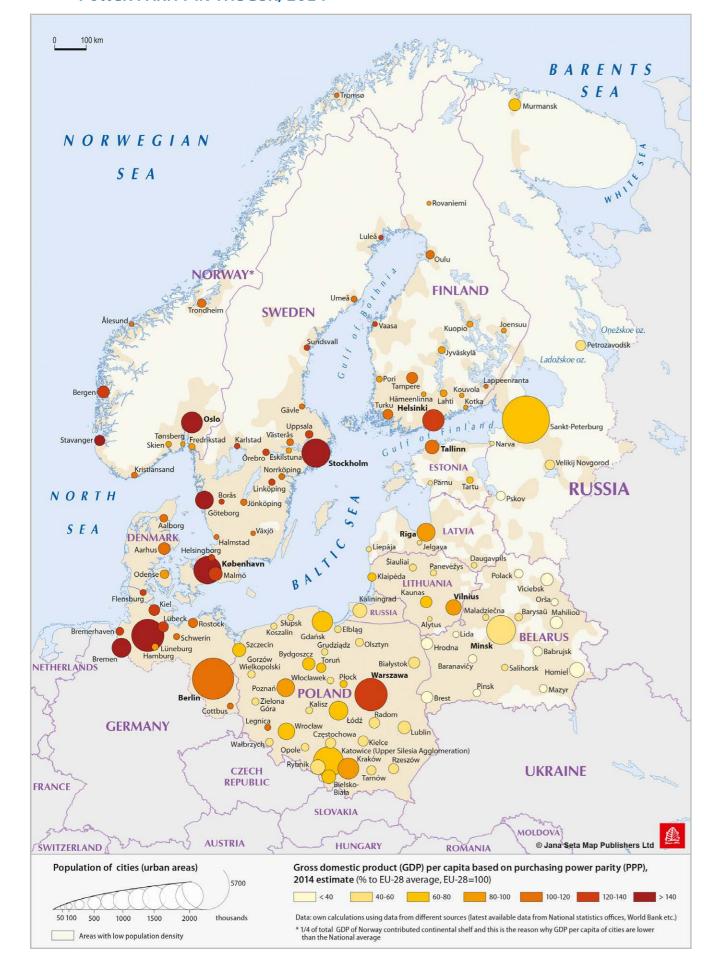
of the EU average. This comparison, however, ought to be looked at with a critical eye due to the various methodologies used in different countries.

In the western part of the BSR, the **most rapid change** during the period of 2005–2014 was in Sweden's largest cities of **Stockholm, Gothenburg** and **Malmo** (above +65%) as well as the German capital **Berlin** (+46%). The **lowest rate** of change was observed in Finland's and Denmark's cities as well as the large cities of **Hamburg** and **Oslo** (up to +30%).

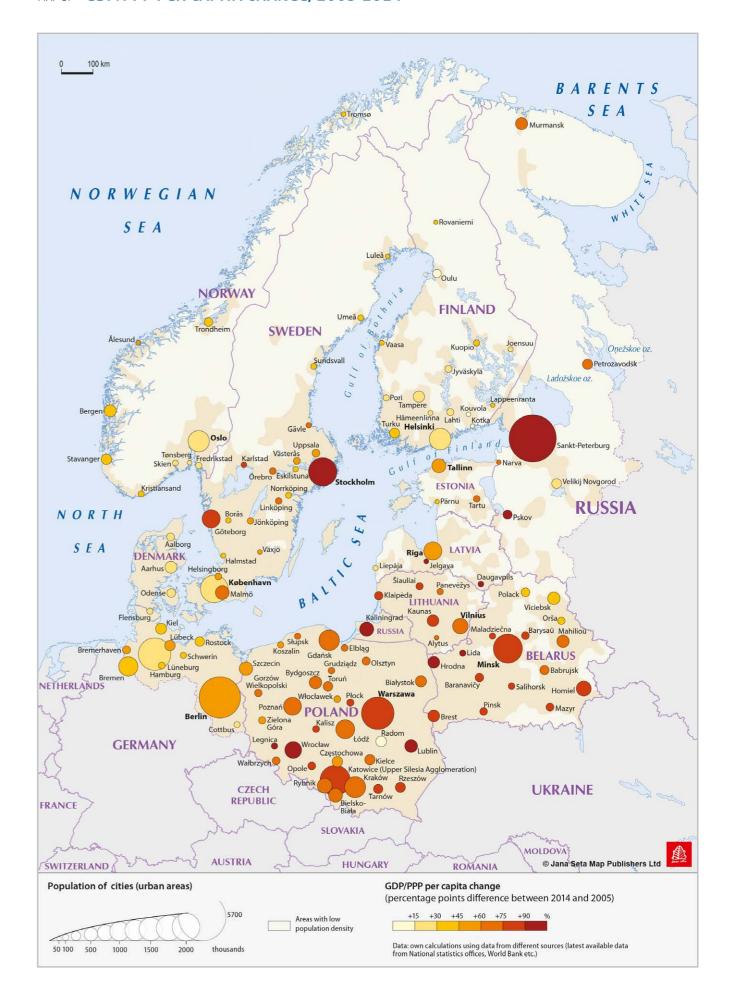
Among the key drivers shaping the changing economies of cities are: an increase in the share of services and the changing nature of these services, changes in the structure of production of goods in the direction of consumer and high-tech goods, closer integration of city economies in foreign trade, the growth of small and medium-sized businesses, and the presence of branch offices of large and multinational companies.

• 4 • Development of Cities in the Baltic Sea Region • 5 •

## MAP 2. GROSS DOMESTIC PRODUCT PER CAPITA BASED ON PURCHASING POWER PARITY IN THE BSR, 2014



#### MAP 3. GDP/PPP PER CAPITA CHANGE, 2005-2014



• 6 • Development of Cities in the Baltic Sea Region • 7 •

## **Multimodal Accessibility Potential**

Accessibility of cities is of prime interest for people's daily lives as well as for business and commerce. Multimodal accessibility describes the level of integration regarding a unified transportation system.

#### A challenge for the Baltic States

In general, the western part of the BSR has well-developed transportation infrastructure. Over the last decade, Poland as well has improved integration into Europe's



Lack of modern transport infrastructure (motorways, high-speed railways) is still a major barrier to economic development in the eastern part of the BSR. Therefore, work should continue on strategic rail, highway and sea infrastructure projects.



Accessibility across the northern–southern dimension continues to improve, thus narrowing the gap between the northern and southern regions.



• 8 •

Partnerships between cities and rural areas are innovative instruments for improving the potentials of territories and bridging accessibility gaps. For the partnerships to develop, there is a need for trust and openness on every government level as well as room for policy experimentation and learning. The role of secondary cities can be important in initiating and maintaining relations.

transportation network by reconstructing major railway lines, completing several motorway links with Western Europe, intensifying air traffic and completing the Baltic Sea's largest deep-water container terminal in **Gdansk**.

Cargo handling capacity has increased in the Baltic States' largest ports. The Baltic States have a relatively dense, albeit decaying, road network, therefore reconstruction of major roads continues. Fast railway connections between the Baltic capitals are still missing and will only improve after the completion of the Rail Baltic high-speed railway line, planned for the coming decade. The greatest advance in increased accessibility has been based on the dynamic development of air traffic.

## Development continues in the northern-southern dimension

The development of transport infrastructure plays an important role in improving the accessibility of the remote and less-populated northern part of the BSR. High-speed railway lines are being built ever further north in Sweden and Finland, and there are plans (through the Copenhagen-Gothenburg-Oslo project) for Norway to be better integrated into the European network within the next decade. The same can be said for high-quality roads, which, despite the challenging climatic conditions and terrain, make use of tunnels and bridges to make the Nordic cities ever more accessible. Developed air traffic from remote northern cities has already become an accepted standard.

## Potential of Saint Petersburg and Belarus

The introduction of the Schengen Agreement has significantly improved cross-border traffic in the BSR. However, the border crossing procedures between the Schengen and non-Schengen countries remain a bottleneck, especially for cargo traffic.

The new "Silk Road" from China to Europe leads through Belarus, increasing Chinese investment in industrial infrastructure

near Minsk (Great Stone Industrial Park). Belarus has a well-developed road network, including a high-speed highway network, which facilitates its more rapid integration into the European transportation system.

A high-speed railway now links **Saint Petersburg** with Moscow and Helsinki, which is very important for this Russian city, whose potential integration into the BSR has been stifled and is not yet fully realised.

Air traffic has unused potential in **Minsk**. Even though the population of the Belarusian capital of is 2.5 times larger than, for example, that of Riga, passenger turnover at Minsk's airport is half that of Riga's airport.

#### Partnership and cooperation between cities and rural areas remains a challenge

Effective partnership and cooperation can reduce the handicaps caused by the weaker accessibility of small towns and rural areas. One of the ambitions of the VASAB Long-Term Perspective for the Territorial Development of the Baltic Sea Region is overcoming the urban–rural divide in the BSR through enhanced co-operation and partnership. However, establishing partnerships remains challenging due to increasing asymmetry and a shift of power towards urban areas.

Cooperation and partnership take different shapes and occur on different scales. Typically, cooperation and partnership is more widespread in clusters and networks as well as in tourism and marketing. But partnerships can also be formed to ensure better accessibility and transport or value added regional chains.

Here, an important role can be played by cities that occupy a "middle tier", that is, between the capital and the small and medium-sized towns, such as **Gothenburg** in Sweden and **Krakow** in Poland. These cities have shown good results and have the potential to provide urban functions for surrounding areas (high quality services, infrastructure and access to markets)

#### MULTIMODAL ACCESSIBILITY POTENTIAL, 2014



Development of Cities in the Baltic Sea Region

• 9 •



## Population with tertiary education



Higher education is a key driver for stimulating developments in R&D, knowledge-intensive and creative industries.

Therefore, national education and economic policies should be aimed to ensure that regional innovation systems translate knowledge into economic growth.

Although higher education is the foundation of innovation development, knowledge skills and abilities that a person must obtain throughout his/her life are also important. Therefore, new forms of lifelong learning and flexible education have a special importance for the human capital. Human resources play a significant role in the development of cities. A highly qualified workforce is considered the most important cornerstone for business development. To assess the level of competitiveness and innovation in cities, two indicators were observed: population with tertiary education, and employment in technology and knowledge sectors.

Compared to other European regions, in the cities of the BSR there is a bigger share of people who have tertiary education. In all of the large cities within the BSR, the population with tertiary education surpasses 20%, with the lowest rates in Belarusian and Polish cities. The population

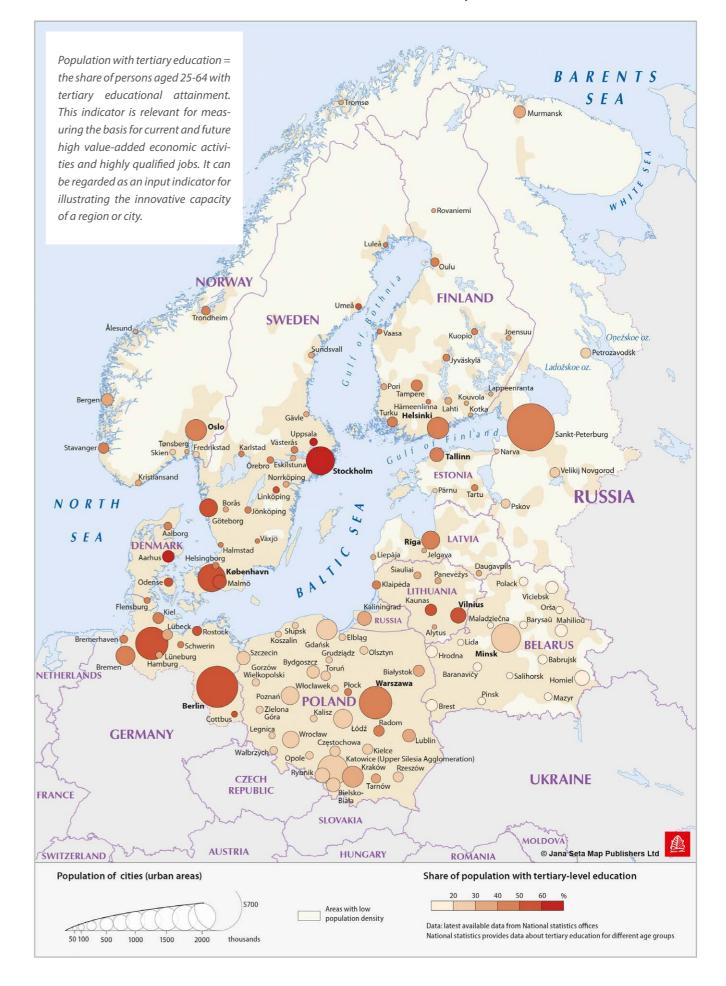
with tertiary education surpasses 40% in 38% of all BSR cities.

Cities with universities stand out, be they national capitals or regional centres, because the presence of various institutions of higher education, science and research has increased the size of the population with higher education. Cities like Rostock, Uppsala, Copenhagen, Kaliningrad, Vilnius, Tartu, Helsinki, Kiel, Turku and Saint Petersburg take pride in having the oldest universities in the BSR, established as far back as the 14th-18th centuries. New centres of education and research, such as Cottbus, Malmo, Oulu and Stavanger, are also emerging.

Figure 1. Population with tertiary education, city groups, 2014

> 50%	Berlin, Cottbus, Hamburg, Rostock, Helsinki, Stockholm, Uppsala, Malmö, Gothenburg, Linköping, Umeå, Copenhagen, Odense, Aarhus, Vilnius
41-50%	Bremen, Schwerin, Kiel, Flensburg, Aalborg, Tallinn, Tartu, Helsinki, Tampere, Turku, Oulu, Klaipeda, Kaunas, Riga, Oslo, Stavanger, Warsaw, Saint Petersburg, Växjö, Västerås, Luleå etc.
30-40%	Joensuu, Rovaniemi, Lahti, Šiauliai, Jelgava, Bergen, Tromsø, Krakow, Kaliningrad, Murmansk, Minsk, Norrköping, Borås etc.
< 30%	Pärnu, Liepaja, Lodz, Katowice, Poznan, Wrocław, Opole, Gdansk, Pskov, Petrozavodsk, Fredrikstad, Grodno, Brest etc.

#### MAP 5. SHARE OF POPULATION WITH TERTIARY EDUCATION, 2013



• 10 • Development of Cities in the Baltic Sea Region • 11 •

In almost all of the BSR cities, the share of the population with tertiary education has increased by an average of nine percentage points. The greatest increase is observed in cities in Denmark, the Baltic States, Poland, Germany and Sweden.

Over the past decade, the share of the working population (aged 25-64) with tertiary education has changed most (an increase of 22 percentage points) in the Danish city of **Aarhus**, where this population accounted for 64.1% of the workforce in 2014. Approximately 55,000 students currently study in a variety of fields (from architecture, art, music, journalism, engineering and medicine to biotechnology) at the 25 institutions of higher education in Aarhus. Students in

the city have a positive influence on the local atmosphere and contribute to making Aarhus a dynamic urban society. The city's economy is predominantly knowledge and service-based; it is strongly influenced by Aarhus University and the large healthcare industry, though Aarhus also boasts the country's main industrial port. Aarhus will be the European Capital of Culture in 2017.



## **Employment in technology and knowledge sectors**

Figure 2. Employment in technology and knowledge sectors in cities,

Jyvaskyla is a good example of regional development. The newest areas of expertise in the Jyvaskyla region are wellness and nanotechnology. Besides the research carried out by the university, the VTT Technical Centre of Finland has laboratories in Jyvaskyla. They specialise in process technology relating to the forest and energy industries. Also, the Jyvaskyla Science Park hosts an R&D-oriented Excellence Centre Programme focused on ICT, paper, energy and environmental technologies.

Employment within a selection of high-tech-

nology manufacturing and knowledge-in-

tensive high-technology service branches

shows the level of knowledge intensity of

the economic activity of the region. This in-

dicator can be regarded as an output indi-

cator for illustrating the innovative capacity



of the region.

Stakeholder cooperation is a crucial factor for strengthening human and social capital in the region. Strengthening of the exchanges between universities, companies, schools and NGOs of the whole BSR should be supported to strengthen the dissemination of new knowledge and the multiplication of best practices across different parts of the region.

% of all employees

45-55% of all employees

Oslo, Helsinki, Stockholm, Copenhagen

35-44% of all employees

Berlin, Hamburg, Trondheim, Stavanger, Gothenburg, Uppsala, Malmö, Umeå, Aarhus, Warsaw, Tampere etc.

< 35% of all employees

Turku, Joensuu, Tallinn, Tartu, Riga, Vilnius, Kaunas, Krakow, Wroclaw, Gdansk, Cottbus, Bremen, Lübeck, Rostock, Poznan etc.

The highest proportion of employment in the science and technology fields is concentrated in the capitals, which are historically the centres for universities, science and research centres, practical laboratories and offices of large-scale businesses. However, many countries are thinking about the evolvement of regions and specialisation by developing powerful regional centres.

Cities and metropolitan regions are attractive places for people to settle and businesses to operate and are thus the engines for economic growth. Areas with a high science and technology percentage may go on to establish cluster developments. Cities in the Nordic region are some of the most active intersectoral

cluster development areas in Europe, for example, Medicon Valley (Danish Copenhagen and Swedish Malmo). On average, the number of people employed in science and technology fields in the analysed 127 cities in the whole BSR has grown by 5.6 percentage points, reaching an average of 33.5% in 2014. Despite the comparably slower development of innovative industries in Russia, Saint Petersburg as the main scientific centre remains one of the most important scientific cen-

The highest growth in percentage between 2005 and 2014 of people employed in science and technology fields is in the Finnish cities of Helsinki, Tampere and Jyvaskyla as well as in Polish Krakow and Norwegian Stavanger.



## **Changes in unemployment**

Unemployment in the BSR rose sharply in the wake of the economic crisis of 2008-2010 and continued to increase until 2012. Long-term unemployment has negative financial and social effects on personal life and social cohesion and may hinder economic growth; cities should therefore develop sustainable social and labour market policies.

In 2014, the highest rate of unemployment for cities in the BSR was observed in the Polish cities of Radom, Grudziadz and Wloclawek, where the unemployment rate reached 16-20% of the working-age population, as well as in Finnish cities such as Kotka, Oulu, Jyvaskyla and Lahti (15-16%). Even though the unemployment rate in German and Polish cities has significantly declined since a high point of unemployment in 2005, the unemployment rate in their cities is still 6-14% of the working-age population.

The lowest rates of unemployment can be found in Norway's cities (Oslo, Stavanger, Tromsø and others), where the unemployment rate is 2-3% of the work-

ing-age population. Cities in Belarus and northwest Russia show low rates of unemployment, for example, 0.2% in Minsk and 1.4% in Saint Petersburg.

#### Figure 3. Unemployment dynamics in BSR cities, 2005-2014

Decrease 6-12 percentage points

Bremen, Berlin, Flensburg, Kiel, Lübeck, Schwerin, Cottbus, Rostock, Wroclaw, Walbrzych, Grudziadz, Koszalin, Slupsk, Katowice, Plock, Lodz etc.

Decrease 1-5 percentage points

Hamburg, Lüneburg, Warsaw, Gdansk, Krakow, Poznan, Lublin, Torun, Tartu, Pori, Kuopio, Aalborg, Rovaniemi, Oslo, Stavanger, Bergen, Tromsø, Trondheim, Saint Petersburg, Vitebsk etc.

Increase 1-5 percentage points

Copenhagen, Aarhus, Tallinn, Helsinki, Tampere, Turku, Oulu, Riga, Vilnius, Klaipeda, Šiauliai, Kaliningrad, Petrozovodsk, Stokholm, Umeå, Gothenburg, Västerås, Örebro, Sundsvall, Luleå, Helsingborg, Borås etc.

Increase 6-9 percentage points

Alytus, Panevežys, Liepaja, Eskilstuna, Norrköping, Malmö

• 12 • Development of Cities in the Baltic Sea Region Development of Cities in the Baltic Sea Region • 13 •

#### MAP 7. CHANGE IN UNEMPLOYMENT RATE, 2005-2014







Urban areas with labourintensive economic sectors
and low-cost economies are
vulnerable in economically
turbulent times, as it was shown
by the developments during the
economic and financial crisis.
Therefore, cities and national
governments should continue
to invest in the restructuring of
local economies to make them
more competitive and resilient,
including the introduction
of innovative economic
development solutions.

Cities with a high
unemployment rate should
develop social investment
packages by giving more
attention to adequate and
sustainable social protection and
by investing more in developing
people's skills and capacities
to improve their opportunities
to integrate in society and the
labour market.

• 16 •

Unemployment dynamics are strongly influenced by the specific economic processes in each country. For example, the unemployment rate reaches its maximum during periods of recession, as was the case in Polish and German cities in 2005. For this reason, cities in these countries (Bremen, Walbrzych, Wroclaw and others) show the greatest decrease in their unemployment rates (10-14 percentage points) over the studied period (see Figure 3).



In the cities of the Baltic States, unemployment reached its maximum in 2008, and in Finnish cities in late 2009 and early 2010. Overall, unemployment dynamics in Baltic and Finnish cities as well as in the cities of Sweden and Denmark has increased, except for a few cities (such as **Tartu, Parnu, Pori, Rovaniemi** and **Aalborg**), where a small decline in unemployment is being observed.

*Until the beginning of the 21st century, the* economy of **Bremerhaven** in Germany was based on shipbuilding, the fishing industry and providing services to the nearby U.S. military base. The economy began to decline in 1999. In 2005, the city's unemployment rate reached 23.7%, because increased competition had led to lower demand for fish products, the port and fish-processing infrastructure had fallen out of date, and the military base had closed. Leaders searched for ways to revive the city and diversify the economy: aquaculture projects were developed together with scientists, and Germany's largest fish processing businesses, which employ approximately 8-9% of the city's workforce, were modernised. 25% of Bremerhaven's workforce is directly linked to the marine economy, and the city is Europe's fourth largest container port. However, the offshore wind energy industry, which employs one third of all Germans working in the wind energy field, has provided the main boost to Bremerhaven's economy and has best reduced unemployment. In 2014, the city's unemployment rate was 14.7%, a change of nine percentage points for the better in the span of nine years.

### At-risk-of-poverty rate

Economic modernisation and rapid social changes increase the number of people and groups that are left behind. Usually they do not possess the economic, social and cultural capital that is needed to catch up with those changes.

Social polarisation of cities in the eastern part of the BSR is caused mainly by the long-term effects of economic restructuring, migration and unemployment, while in large cities of the western and northern part of the BSR poverty has increased more as a result of the reduction of social transfers during the austerity period.

In 46% of city-regions, the poverty level has decreased or remained the same. The greatest increase in the at-risk-of-poverty level was observed in Bialystok, Bremerhaven, Malmo, Poznan, Gorzow Wielkopolski, Zielona Gora and Kalisz. The at-risk-of-poverty level declined most significantly in Veliky Novgorod and several cities of Belarus. The situation regarding poverty has also improved in cities with previously high poverty rates, such as Murmansk, Kaliningrad and Daugavpils.



The highest poverty risk in the BSR is observed in the Baltic States' cities, Finland and certain cities in Poland and Germany (Bremerhaven, Bremen, Berlin). While the prevalence of poverty in the Baltic States and Poland is linked to a lower average level of prosperity than is found in the western countries, the situation in Finland has deteriorated recently.

The risk of poverty is lower in Norway and Sweden, in Belarus and northwest Russia. The role of national policy in providing more affordable services and social welfare might play some role in explaining these differences.

The at-risk-of-poverty level has increased between 2005 and 2013 for 54% of the 127 surveyed city regions.

The quality of life in urban areas is a complex mix of different factors, such as the quality of public transportation services, public spaces, city administration services, ease of finding a job, perceived safety in the streets etc. Sometimes the subjective perception of perceived quality of life in a city can tell more than a collection of indicators.

Overall, the larger cities of the BSR rank among the top cities in the EU in terms of perceived satisfaction with life in a city. When respondents of the Flash Euro barometer social survey were asked whether they agreed if they were satisfied with living in their city, more than 80% answered that they strongly or somewhat agreed. In Aalborg, Oslo, Copenhagen, Stockholm, Rostock, Oulu, Krakow and Bialystok more than 95% strongly agreed or somewhat agreed with this statement. Only a few other EU cities, such as Hamburg, Zurich, and Amsterdam, reached similar results.



The economic growth of the **Baltic Sea Region has not** achieved the proportional reduction of poverty. An integrated anti-poverty approach is needed, combining appropriate instruments for specific actions based on collaboration between the national, regional and local authorities with common goals, targets and action plans. Active inclusion strategies targeting employment support, providing resources for those who cannot work and promoting social participation are needed.

Recognition of the complexity of poverty and adoption of place-based strategies in targeting issues of deprived neighbourhoods and inner-city areas or different at-risk-of-poverty groups are necessary.

Special attention should be given to the areas of multidimensional deprivation where negative social phenomena are accumulating. Improving the quality of life should be the focus of rehabilitation processes.



Developing efficient and affordable public transport systems can grant increased mobility and accessibility to the residents of deprived areas, thus reducing the risk of poverty. The risk of poverty can additionally be assisted by the availability of affordable housing.

#### MAP 8. PEOPLE AT RISK OF POVERTY OR SOCIAL EXCLUSION, 2013







Urbanisation is an ongoing trend, even in the future. Although the BSR represents large internal heterogeneity in terms of population settlement and economic development patterns, the economic growth of its cities has been a common theme between 2005 and 2015, especially in larger cities and the cities of Eastern Europe. All the capital cities, but especially the global-level metropolises and European-level metropolises, have significantly increased their integration into the global economy.

The economic downturn following the crisis affected the economies of some countries more than others. Although all metropolitan regions have grown their economies between 2005 and 2014 in terms of GDP per capita, it is quite obvious that

the development of the cities, including the survival during the economic recession, is highly embedded in contexts of national and regional policies. For large cities, there is more room for manoeuvre because of better connectivity, the presence of knowledge-intensive economy sectors and easier access to investments.

that cities are not only focal points of economic growth but they also provide services to surrounding areas. Although the development of small and medium-sized urban areas and rural areas is not the focus of this report, it has to be emphasised that they have an important role to play by ensuring the sustainability and territorial cohesion of the BSR.

It is important to bear in mind

Despite different planning traditions and institutional frameworks, there is a remarkable common aspiration in spatial plans and visions developed in BSR countries to favour polycentric development.

At the same time, it is important to emphasise that the efficiency of the development lies in networking and the territorial cooperation of cities of all sizes in order to ensure development and high-quality services.

The evidence presented supports the existing VASAB territorial development vision – VASAB Long-Term Perspective for the Territorial Development of the Baltic Sea Region – but it also points towards new challenges that can be addressed by appropriate policy responses.

• 18 • Development of Cities in the Baltic Sea Region • 19 •

## The full background Report and methodology is available at:



The indicators used to assess the development of cities are the headline indicators selected in the ESPON project BSR TeMo "Territorial Monitoring for the Baltic Sea Region". The indicators have been selected based on their relevance to policy domain, policy relevance to European macro regional strategy – the EU Strategy for the Baltic Sea Region and the VASAB Long-Term Perspective for the Territorial Development of the Baltic Sea Region – time series availability, update frequency and availability within the European Statistical System, where relevant.





This publication has been prepared on the basis of the Report prepared by the Institute of Social, Economic and Humanities Research at the Vidzeme University of Applied Sciences and Jana seta Map Publishers Ltd., Latvia.

The publication does not reflect the opinion of VASAB or the members of the VASAB CSPD/BSR.

Layout and design: Jana seta Map Publishers Ltd., Latvia

© 2016, VASAB Secretariat

## Further information and distribution:

VASAB Secretariat
Alberta Str. 10, Riga, LV-1010, Latvia
E-mail: info@vasab.org
Twitter: VASAB\_org
Facebook: VASAB2030
Web: www.vasab.org



Printed in Latvia on environmentally friendly paper certified by FSC, May 2016