

the word “tolerance” is heard the situation radically changes. Terms like “feminism”, “antiracism” and “homosexuality”, unfortunately, cause many times more rage than terms “murder”, “theft” or “slavery”, although they have positive intentions. The reasons for this can be as follows:

Many producers try to make money on these topics. They print on shirt slogans like “The future is female” or “On Wednesday we smash the patriarchy”, produce cosmetics for every skin color advertising it by how tolerant they are. And due to this a lot of people do not like the expression “We are all equal” as if those who fight for their rights want to be better than ordinary people.

However, along with haters there are supporters. There are 121 countries in the world where same-sex relationships are permitted, politicians start to understand the necessity of Law against Domestic Violence. And this is where we should guide the efforts.

In conclusion, I would like to finish the work with the quotation:

Any changes bring new opportunities.

Jack Welch

We should not miss the chance to use these opportunities.

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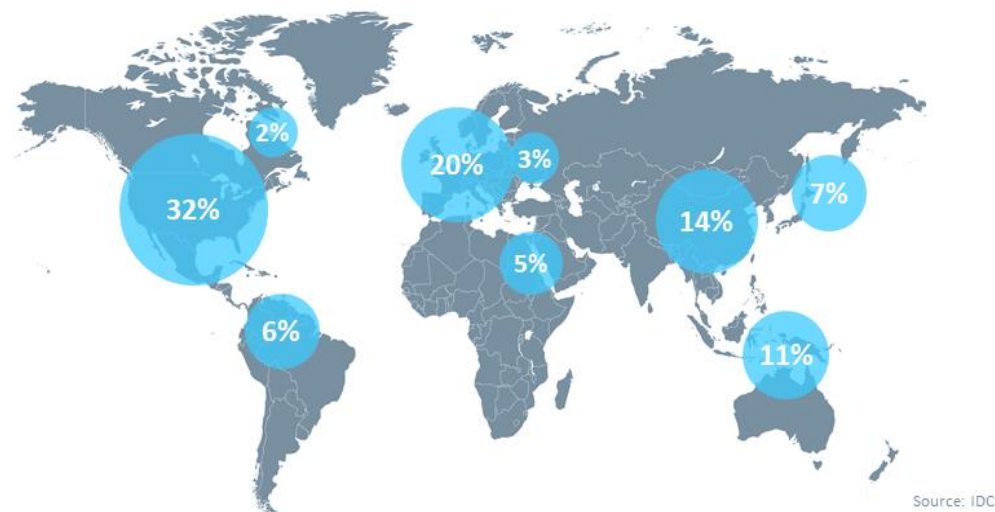
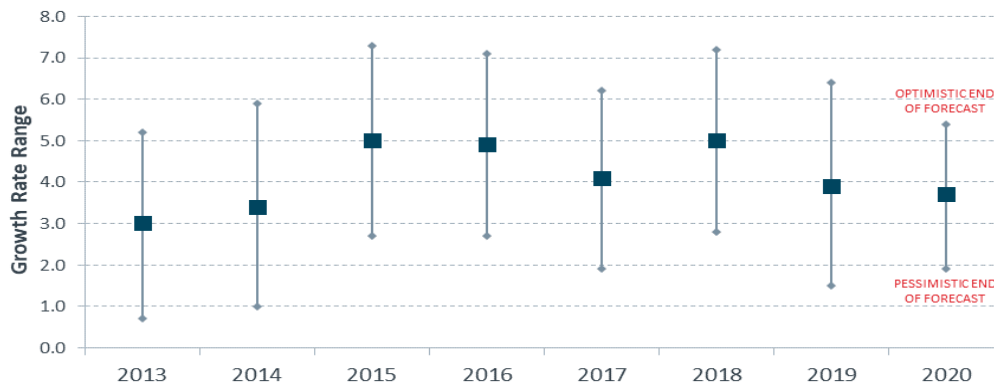
IMPACT OF INFORMATION TECHNOLOGY ON ECONOMIC GROWTH

The accelerated development of information technology (IT) has encouraged a variety of researchers to examine and measure the impact of technology sphere on economic growth. This research investigates empirically how various indicators of IT infrastructure affect economic growth, primarily measured by GDP per capita. Regarding the impact of macroeconomic factors, estimates indicate that inflation rate, unemployment rate, the degree of trade openness, government expenditures, and foreign direct investments would significantly affect GDP per capita.

Studies in the field have indicated that information technology is a key factor in the economic and social development of the countries because it has positive effects on

economic growth, productivity, and employment. Also, international organizations such as the United Nations, the International Telecommunications Union, the OECD, and the World Bank argue that the IT sector is a key driver of sustainable development [1, 35-43].

Picture 1 – Change of growth rate range during 2013-2020 years



Picture 2 – The share of countries in the information technology market

A study realized by the World Economic Forum indicates that an increase in the digitalization of a country by 10 percent would lead to a 0.75 percent increase in GDP per capita, and a 1.02 percent drop in the unemployment rate. According to the OECD, information communication technology plays a major role in reducing poverty by creating new sources of income and new jobs, but also by reducing the cost of poor people’s access to health and education services [2, 85-86].

This study aimed to analyze and evaluate empirically the effect of using IT infrastructure on economic growth. Used empirical estimates indicate a positive and highly significant impact of IT infrastructure on GDP per capita, but the magnitude of the impact is different depending on the type of the economy. This research reveals that nowadays IT infrastructure, along with other macroeconomic factors, is an important driver of economic growth.

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8 TECHNOLOGY TRENDS IN WORLD ECONOMY

Nowadays, scientific discoveries, technological innovations, growth in the quality of intellectual work, as well as the dynamic development of information and communication technologies, which include means of mobile communication, accessibility of the Internet for the population, as well as e-government and e-commerce, are becoming the most important factors of economic growth of a country, which directly affects GDP growth. Therefore, we have decided to draw your attention to this topic. Now we will present and analyze the main technological trends in 2020.

1. “Green Innovations” will transform into reality. The use of the Internet of things, big data and artificial intelligence technologies will allow to significantly narrow down carbon dioxide emissions while reducing costs and creating new sources of income.

Many companies, especially in Europe, will strive for 100 percent renewable electricity, which will be a new basis for climate-friendly business. Consumers will be offered new services and applications that will help shape and control green habits. Public and private investors will start investing in green start-ups, which are also expected to grow in 2020.

2. Distribution of the Internet of Bodies. In 2020, there will be applications that not only receive and process various indicators of the human body, as it is happening now (for instance, a fitness tracker that measures heart rate), but also automatically interfere with the current state of a user if it is really necessary.

For example, insulin pumps will appear, which will measure blood sugar levels and, if necessary, adjust its characteristics by injecting insulin into the body. The market for such products is much larger than we think. The development of “Internet of bodies” will lead to the development of medical high-tech products.

3. Creation of new infrastructural links between companies from different industries. Massive launch of the fifth generation (5G) commercial mobile network will allow to launch platforms that will enable to transmit data with minimum signal delay and conduct remote investigations in case of emergency, to develop e-health and to improve logistics.