

dissolved nuclei undergo oxidative radical polymerization. Control over all of the above reactions leads to the production of PEDOT coatings of various thicknesses "We assume that this can become a reality when you connect our bricks with solar panels — this may require 50 bricks in the immediate vicinity of the load. These 50 bricks will be enough for emergency lighting for five hours.

This work demonstrates how to accumulate energy on the surface of an ordinary brick. The structural stability of the brick and the open microstructure lead to the creation of mechanically strong brick electrodes with PEDOT coating, which, when alternately connected and coated with epoxy resin, form an invariable fixed moisture-proof supercapacitor module. Our development of supercapacitors increases the importance of “cheap” building material and demonstrates a scalable process that guarantees energy storage to power embedded micro-appliances in construction applications using fired bricks.

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MODERN TRENDS IN THE DEVELOPMENT OF THE WORLD ECONOMY

Современные тенденции развития мировой экономики

Today, the modern world economy is developing at a rapid pace. Economic ties between countries are getting closer every day. Trends in the development of the world economy have features of the world economy, characteristics of the future development of mankind. Banks and various financial organizations have begun to play an increasingly important role in economic relations. The introduction of new technologies, colossal information flows and the development of processors are the most powerful engines of the modern world economy.

The cooperation of many countries is mainly involved in the development of the international economy: globalization, post-industrialization and foreign economic liberalization. Globalization is a process that captures human life as a result of communication, exchange of products and products distribution. As a consequence of generalization, the whole world becomes interconnected, as does the spread of processes. Thanks to this rapid pace, world trade is developing. Countries put their goods on the world market, thereby trying to reduce the price on the market. But, as in any dimension, the global situation has a number of disadvantages:

1. Consumer attachment to one brand, one of the individual products (Apple gadgets, McDonalds, SONY, etc.).

2. The decline of state production in accordance with the behavior of consumers.

3. Elimination of individual characteristics, traditions and culture.

The process of globalization, with its benefits and consequences, still remains the main trend in the development of the world economy.

Post-industrialization is a stage in the development of human society, characterized by the transition from an industrial to an information society. Mastering the flow of information is an advantage in mastering the global economy. The processing of a large amount of information is the foundation for close ties between continents and countries, users of different countries. Thus, post-industrialization plays an important role in the global economy.

External economic liberalization is the free international movement of capital, information, goods and services. In other words, it is the removal of quantitative restrictions on trade between countries. As a result of liberalization, the volume of foreign investment has increased significantly, thereby moving the world share. However, there is a lack of liberalization, which is especially relevant in our time. There is high level of competition due to minimal restrictions at the global level, significant dependence on the resistance of countries. So it is not always possible to find many options. As a result of liberalization, one of the numerous observations of the development of the world economy is considered.

Thus, the world economy is quite broad. There is a system of statistics that has a number of advantages and disadvantages. In our time, it has not reached the full perfection and stability of the process. This system has endless transportation; new technologies and knowledge are being introduced and put into practice. More and more new organizational structures have begun to appear and ties between countries have become stronger. So, the world economy focuses not only on the development of the economy, but also gives impetus to the improvement of human society as a whole.

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ECONOMY OF TEXAS

Экономика Техаса

The goal of the research is to define peculiarities of the economy of Texas, what has made the state's economy so powerful and what Belarus can borrow from it.

Texas is the second largest state in the USA by landmass, population and GDP (gross domestic product). The economy of the state is considered one of the most prosperous and rapid-growing not only within the US, but in the whole world.