

## EARLY DIAGNOSIS OF GLOBAL PRE-CRISIS SITUATIONS

*G.A.Vahanyan, Doctor of Economics, Professor,  
Russian-Armenian (Slavonic) University,  
O.G.Vahanyan, PhD, M.E.Ghazaryan,  
gregor@concourt.am  
Tel.:+37411 588176*

### QI RANKING OF VIRTUAL AGENCIES OF INTERNATIONAL TRANSNATIONAL CORPORATIONS, 17.06.2015

Analysis of the results of Arcaler Scorecard rankings allows the authors to forecast the start of various stages of global as well as financial crisis. The tendencies of QI decrease diagnose crisis indicators (Chart 1). The hypothesis is confirmed: Arcaler (QI) - the rate of virtual intellectual capital of virtual agencies of International Transnational Corporations (ITC) (17.06.2015), allows to forecast global economic pre-crisis and crisis situations, thus making early diagnosis of undesirable global social and economic processes.

*“Oil prices may have further to fall because of a massive oversupply the International Energy Agency (IEA) has forecasted. The monthly review of Oil Market Organization shows that the tendency was likely to last till the end of this year and pass on into 2016”,  
[http://www.bbc.com/russian/business/2015/07/150710\\_iea\\_oil\\_forecast](http://www.bbc.com/russian/business/2015/07/150710_iea_oil_forecast).*

*“The bottom of the market may still be ahead”,- mention the specialists of the IEA – an autonomous expert centre established in the framework of the Organisation for Economic Co-operation and Development (OECD) (includes 34 developed countries). The current price of oil is \$59.59 a barrel. This has been the lowest price for the resource over last three months. As the experts from the International Energy Agency mention, the price is influenced by the financial crisis in Greece and ambiguous situation in China Stock Exchange”. Despite volatility of global oil prices, the Russian authorities do not intend to revise the current forecasts for average annual barrel price, the Minister for Economic Development of Russia Alexei Ulyukayev stated, answering the questions of journalists in Ufa, where the summit of Shanghai Cooperation Organization (SCO) was concluded on Friday,  
[http://www.bbc.com/russian/business/2015/07/150710\\_iea\\_oil\\_forecast](http://www.bbc.com/russian/business/2015/07/150710_iea_oil_forecast).*

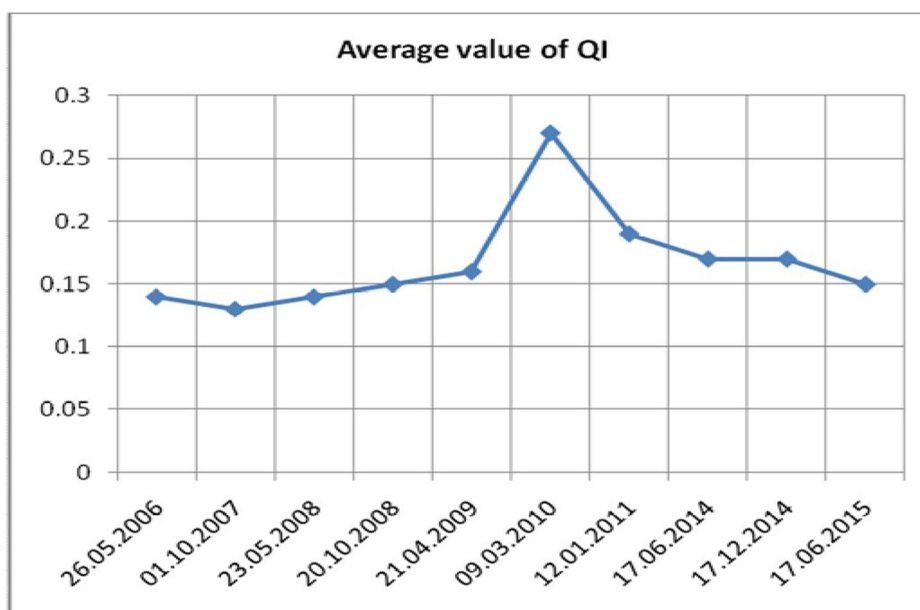


Chart 1. QI of International Transnational Corporations

### **QI RANKING OF VIRTUAL AGENCIES OF LEADING COMMERCIAL ORGANIZATIONS IN RUSSIA, 16.06.2015**

Analysis of the results of Arcaler Scorecard rankings allows the authors to forecast the start of various stages of global as well as Russian financial crisis. The tendencies of QI decrease diagnose crisis indicators (Chart 2). The hypothesis is confirmed: Arcaler (QI) - the rate of virtual intellectual capital of virtual agencies of leading commercial organizations in Russia (16.06.2015), allows to forecast economic pre-crisis and crisis situations in Russia, thus making early diagnosis of undesirable social and economic processes.

Moscow, July 28. INTERFAX.RU – *“Russian Ruble fall is connected with global oil price collapse which has reached the same level as in March due to diminution in the demand in China and supply growth in the USA”... “Ruble keeps on increasing the fall, at about 17:16 msk Euro grew up to the credit rating of more than 67 rubles on Moscow exchange, this is a new limit superior starting from March 11. Ruble fall is intensified in the context of the fall in oil price”.*

*“Experts estimate that Ruble fall is connected with the collapse of global oil prices, as well as with the deterioration in the mood of global investors due to the growth of volatility of capital markets.*

*Tuesday on oil market a negative dynamics of prices is preserved beware of oil oversupply in the USA and shortening of demand in China (<http://www.interfax.ru/business/456617>).*



Chart 2. QI of leading commercial organizations in Russia

### **QI RANKING OF VIRTUAL AGENCIES OF THE INNOVATION CENTRE NETWORK IN RUSSIA, 16.06.2015**

Analysis of the results of Arcaler Scorecard rankings allows the authors to forecast the start of various stages of global as well as Russian financial crisis. The tendencies of QI decrease diagnose crisis indicators (Chart 2). The hypothesis is confirmed: Arcaler (QI) - the rate of virtual intellectual capital of virtual agencies of the innovation centre network in Russia (16.06.2015), allows to forecast economic pre-crisis and crisis situations in Russia, thus making early diagnosis of undesirable social and economic processes. According to the authors in terms of the current developments one of the key trends of Russian development strategies it's crucial to develop new (pre-crisis) strategy of innovation development in Russia as well as in the Eurasian Economic Union (EEU) member countries.

*On July 22, 2015 the EU established the European Fund for Strategic Investments with €315 billion amount. An agreement of establishment and management of the European Fund for Strategic Investments was signed in Brussels on Wednesday. "The preparations of the agreement of EU for fund establishment needed a record short period of time – 6 months. In 25 years we have never seen such a fast and concentrated legislative process."- RIA "Novosti" reported. "I feel nostalgic seeing Europe moving forward again",- Jean Claude Juncker reported. "Investment – is what the EU needs today, their current level is 15% lower than in 2007"- Katainen mentioned, assuring that "this project is an important step for development and employment in Europe".*

*The fund establishment with €315 billion capitalization amount aims to restore post-crisis economic growth of the EU. Fund resources are supposed to be invested in projects in the field of developing strategic energetic, transport and electro-digital infrastructure in Europe,*

development of separate fields of education and research, development of innovation, ecology-based technologies, as well as project funding to support small business. (<http://vz.ru/news/2015/7/22/757430.html>).



Chart 3. QI of Innovation Centre Network in Russia

### QI RANKING OF VIRTUAL AGENCIES OF THE EUROPEAN NETWORK OF INNOVATION CENTRES (R&D), 10.06.2015

It should be mentioned that starting from 13.01.2011 till 10.06.2015 ([http://www.iatp.am/arcaler\\_scorecard/xls/eic.htm](http://www.iatp.am/arcaler_scorecard/xls/eic.htm)) the authors of Arcaler Scorecard registered a steady decrease of QI of the European Network of Innovation Centres (R&D). If on 10.06.2014  $QI=0,051$ , on 10.12.2014  $QI=0,049$ , then on 10.06.2015  $QI=0,045$ ; this fact points out that Europe (EU) has retrogressed. The answer was adequate: the European Strategic Investment Fund was established (€315 billion capitalization amount). Thus, the EEU has to respond adequately as well, otherwise the EEU will not make an important step for economic and employment development, reconstruction of post-crisis economic development in the member countries of the EEU, especially in Russia. If Russian authorities do not intend to revise the present forecasts, the EEU leaders are obliged to review a number of current forecasts, which must be relevant to the balanced scorecard – indexes of national intellectual capital (Chart 3).

© Arcaler Scorecard, 2015

© G.A.Vahanyan, O.G.Vahanyan, M.E.Ghazaryan, 2015