



# Nowadays challenges

Carmen Neagu - CEO EnergoBit

# EnergoBit - the complete solution in electricity

- general contractor for electrical installations;
- production of MV/LV equipment;
- solutions for protections, SCADA, metering and monitoring systems;
- operation and maintenance of electrical installations.



# EnergoBit - just a few numbers

- 85 mil EURO turnover;
- 800 employees in 6 locations;
- 1.556 km of 20 and 30 kV cable;
- 269 km of high voltage lines;
- 1.194 km of optical fiber;
- 450 turbines connected to the grid.



# Nowadays challenges



## Digitalization

By 2020, the digital universe will reach **44 zettabytes** – a 10-fold increase from 2013<sup>1</sup>



## Demographic change

The earth's population will increase from 7.3 billion<sup>2</sup> people today to **9.6 billion<sup>3</sup>** in 2050. Average life expectancy will then be 83 years<sup>2</sup>



## Climate change

According to scientists, in the summer of 2015, Earth's atmosphere had the **highest CO<sub>2</sub> concentration** in 800,000 years<sup>4</sup>



## Urbanization

By 2050, **70 percent of the world's population** will live in cities (2014: 54 percent)<sup>3</sup>



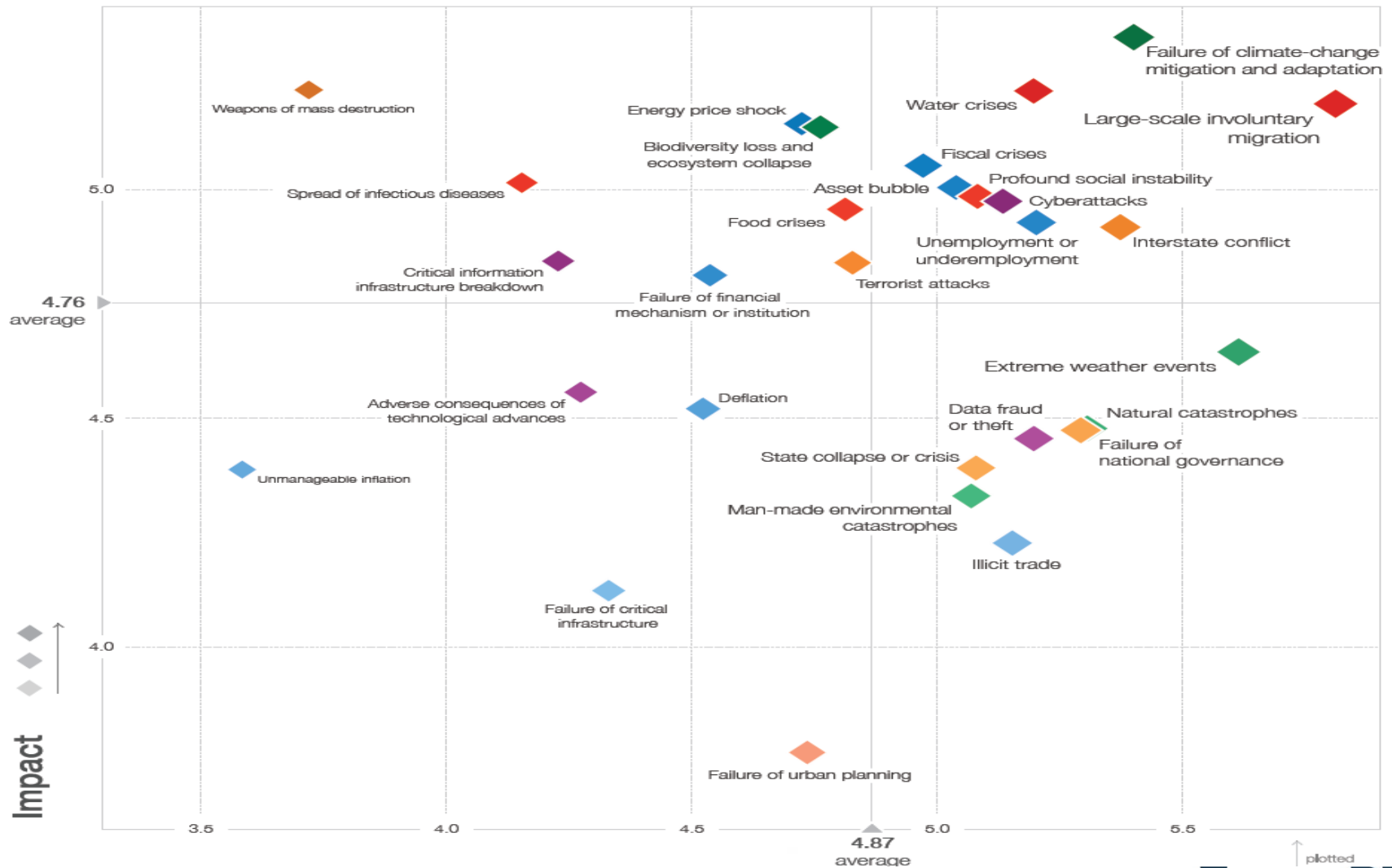
## Globalization

The **volume of world trade** nearly doubled between 2000 and 2014<sup>5</sup>

### Sources:

1. IDC, The Digital Universe of Opportunities: Rich Data and the Increasing Value of the Internet of Things, April 2014
2. United Nations, Department of Economic and Social Affairs, Population Division (2015). World Population Prospects: The 2015 Revision, Key Findings and Advance Tables. Working Paper No. ESA/P/WP.241
3. United Nations, World Urbanization Prospects. The 2014 Revision, New York, published 2015
4. SCRIPPS INSTITUTE OF OCEANOGRAPHY, The Keeling Curve, November 11, 2015
5. UNCTAD Statistics, Values and shares of merchandise exports and imports from 1948 to 2014, November 10, 2015

# And risks



# What are we focusing on?



Urbanization –  
City as a  
Customer



Bricks and Clicks



Future  
Infrastructure  
Development



Smart is the New  
Green



Innovating to Zero



Health, Wellness  
and Well Being



Social Trends: Gen Y,  
Middle Bulge, She-  
economy,  
Geosocialization



Future of Energy



Future of Mobility



Connectivity and  
Convergence



Economy: Beyond  
BRIC: The Next  
Game Changers



New Business  
Models: Value for  
Many

Source: Frost & Sullivan analysis



# Our solution: High quality, Professionalism, Respect, Passion



# Questions?