

A PREDICTOR-CORRECTOR METHOD OF RESEARCH NATIONAL POLICY AND ITS INFLUENCE ON THE TECHNICAL UNIVERSITIES IN ROMANIA

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TECHNICAL UNIVERSITY OF CIVIL ENGINEERING BUCHAREST

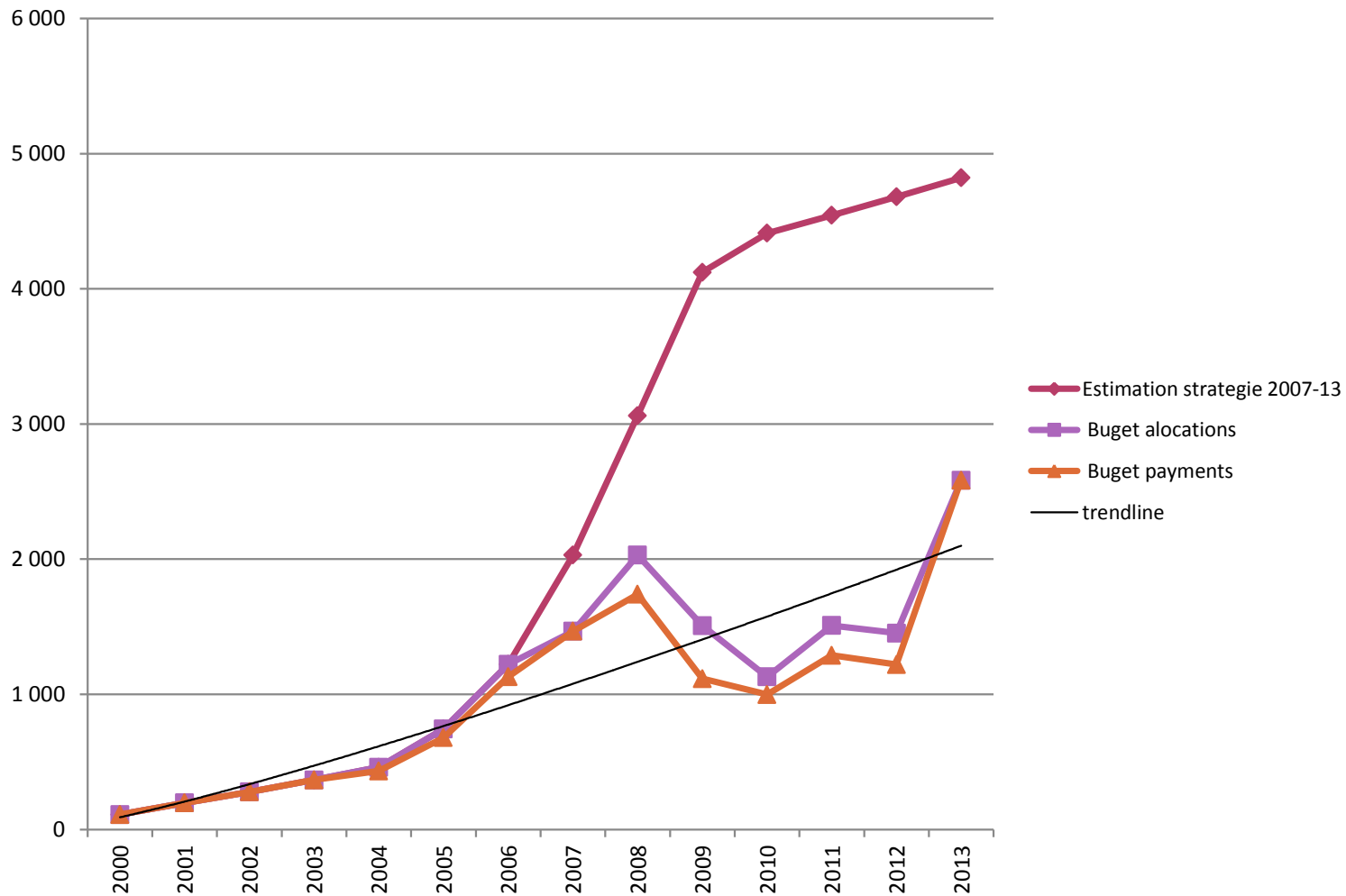
TUCB Facts and Figures

- Old for Romanian standards
 - 1864, "School of Bridges and Roads, Mines and Architecture"
- Students number and evolution
 - 8500 students (2005) decreasing, now less 10%

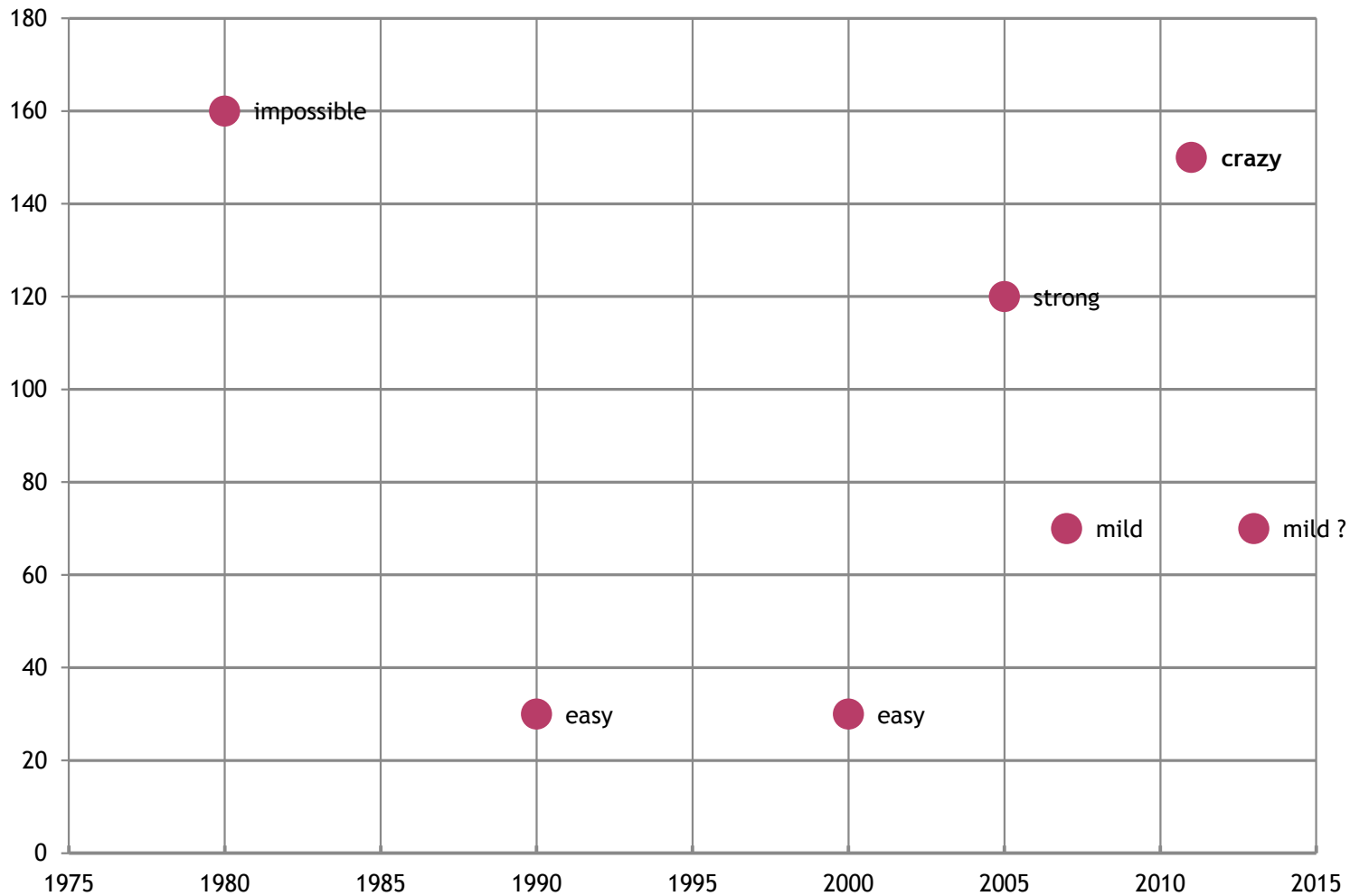
I AM AN OPTIMIST AND I STILL BELIEVE
THAT EDUCATION IS THE KEY



PREDICTOR- CORRECTOR METHOD OF FINANCING RESEARCH.



PREDICTOR- CORRECTOR METHOD OF PERSONAL PERFORMANCE EVALUATION



TURBULENCE IN LEGISLATION

- Education Law 1995
 - A real progress, autonomy
- Changes 1995 - 2011
 - downgrading
- New law 2011 (Vulnerable, assumed not voted by the parliament)
 - Modern principles good ideas but as always devil hides in details.
- ???

TURBULENT EVALUATION OF THE UNIVERSITIES

In 2011 with a ultra high celerity an evaluation of the Universities has been produced

Class: Advanced research and education

12 UNI (4 technical)

Class: research and education

30 UNI (7 technical)

Class: education

47 UNI (5 technical)

TURBULENCE AND CONFUSION



A NEW HOPE

HORIZON 2020

- **A single programme** *bringing together three separate programmes/initiatives**
- **Coupling research to innovation** - *from research to retail, all forms of innovation*
- **Focus on societal challenges** *facing EU society, e.g. health, clean energy and transport*
- **Simplified access**, *for all companies, universities, institutes in all EU countries and beyond.*

WHAT IS IN IT FOR THE TECHNICAL UNIVERSITIES? (UAS)

Excellence calls for a broader perspective than **traditional indicators** such as publications and citations.

To realise the goals of Horizon 2020 - to foster innovation by transferring knowledge to the market and community in the most efficient and useful way - **impact and implementation** are equally important criteria.

HORIZON 2020

In order to increase the human potential in R&D, greater attention in the future FP must be paid to young researchers, not only from the third countries, but also from the EU itself

(EU-12 Member States: Bulgaria, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Malta, Poland, Romania, Slovakia, Slovenia.)

TUCB HAS ALWAYS INNOVATED FOR THE ECONOMY.

- ◉ Teaching is connected to real life
- ◉ Money flows in
- ◉ Students are employed instantly
- ◉ Good name of the University
- ◉ No basic research
- ◉ No articles published,
- ◉ No time for education,
- ◉ No books published
- ◉ No time for the University

The attraction for the University is very low (900 on 1800 positions in 2012)

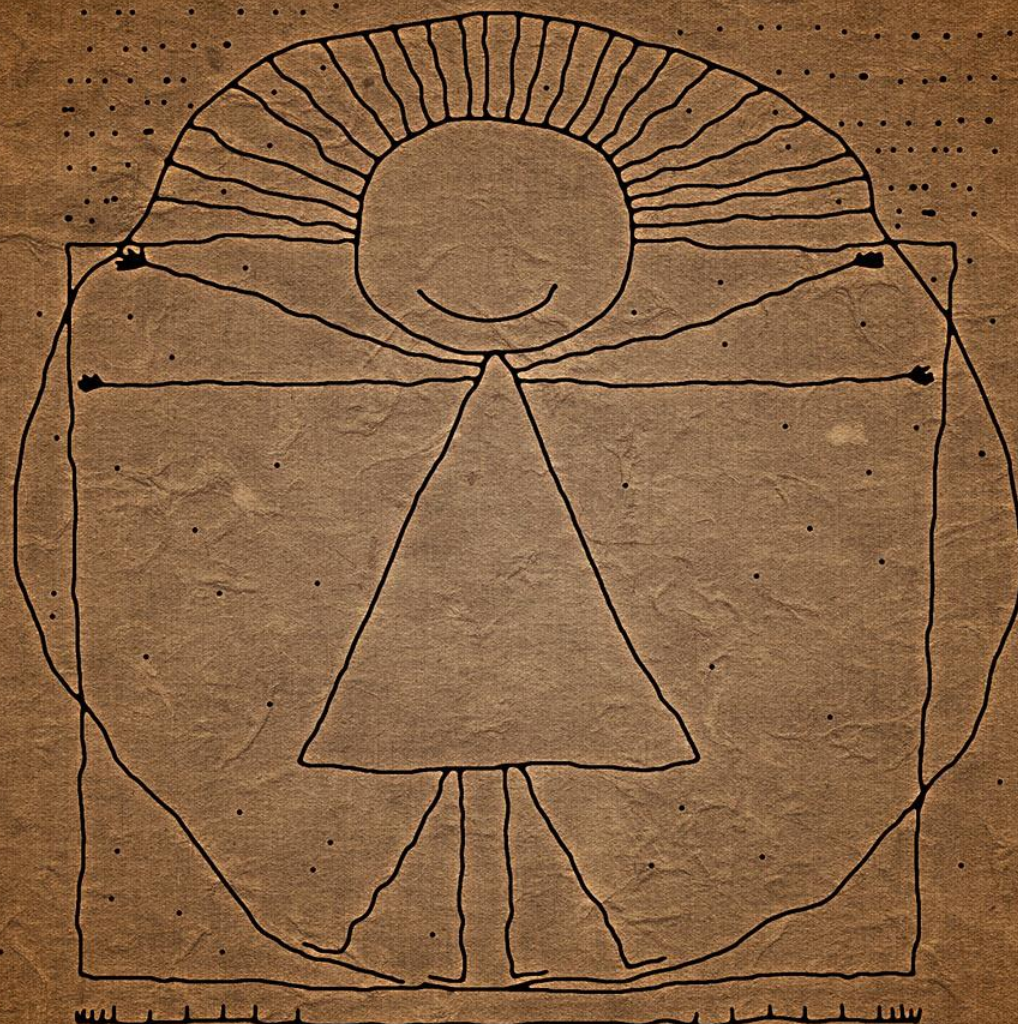
CONCLUSION

Are the Technical Universities beneficiaries of the EU research program?

Definitely YES in most cases.

Are the Romanian Technical Universities in the same position?

Definitely NOT in most cases. It is our fault but not only...



 VLADSTUDIO

THANK YOU FOR YOUR ATTENTION