

NEW TECHNOLOGY ASSESSMENT ACTORS AND INSTITUTIONS IN A CHANGING ENVIRONMENT

INTERNATIONAL WORKSHOP „EXPANDING THE
TECHNOLOGY ASSESSMENT LANDSCAPE IN EUROPE“,
KARLSRUHE, NOVEMBER 15-16, 2012



MARTIN POTUČEK:, Head of the Center for Social and Economic Strategies
(CESES), Faculty of Social Sciences, Charles University in Prague

<http://www.ceses.cuni.cz>, <http://www.martinpotucek.cz>, potucek@fsv.cuni.cz.

CONTENT



- Czech Republic´s TA history
- The anchor values of technology assessment
- Potentials for technology assessment
- Barriers for technology assessment
- Potential of TA in the countries of our research interest
- Barriers of TA in the countries of our research interest
- Resources

CZECH REPUBLIC'S TA HISTORY



- Radovan Richta: "Civilization at the Crossroads. Social and Human Implications of the Scientific and Technological Revolution"
- 1989 + prof. Ladislav Tondl and associate professor Karel Müller sr.
- Cooperation between the Centre for Social and Economic Strategies (CESES) and Technology Centre AS CR

THE ANCHOR VALUES OF TECHNOLOGY ASSESSMENT

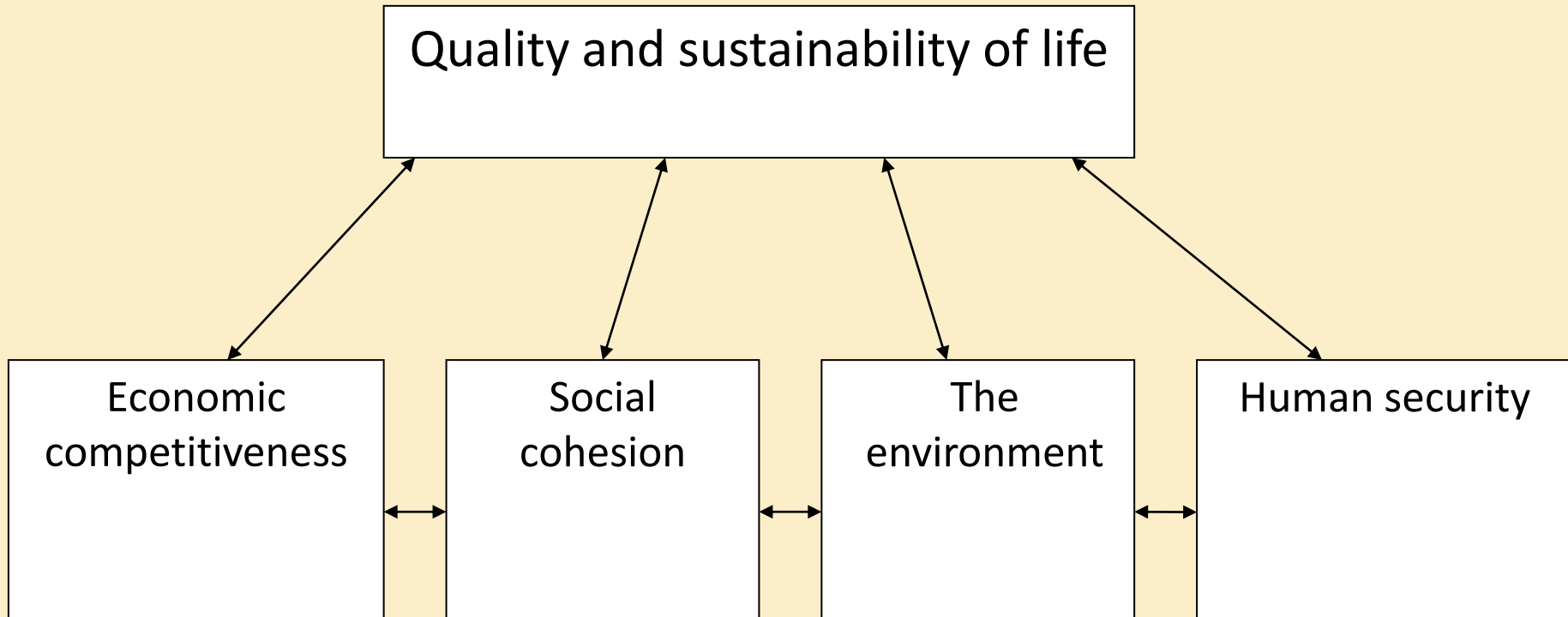


Figure 1: The criterion of quality and sustainability of life and its dimensions (the alternative to GDP)

POTENTIALS FOR TECHNOLOGY ASSESSMENT

- Qualification of decision-makers
- Prognostic and strategic studies
- Civic and professional engagement
- Communication skills
- Experience sharing



BARRIERS FOR TECHNOLOGY ASSESSMENT

- Insufficient qualification of decision-makers
- Level of political culture
- State capture
- Inadequate system of management
- Inhibition of civic engagement



POTENTIALS OF TA IN THE COUNTRIES OF OUR RESEARCH INTEREST

Potentials	Bulgaria	Czechia	Hungary	Ireland	Lithuania	Portugal	Wallonia
Qualification of decision makers							
Prognostic and strategic studies		+	+		+		
Civic and Profesional engagement		+					+
Communication skills					+		+
Experience sharing	+	+	+	+	+	+	+

Source: CESES

BARRIERS OF TA IN THE COUNTRIES OF OUR RESEARCH INTEREST

Barriers	Bulgaria	Czechia	Hungary	Ireland	Lithuania	Portugal	Wallonia
Insufficient qualification of decision-makers	-	-	-		-		
Level of political culture		-	-	-		-	
State capture		-		-		-	
Inadequate system of management	-	-	-	-	-	-	-
Inhibition of civic engagement	-		-		-	-	

Source: CESES

RESOURCES

- Dahrendorf, R. 1985. *Law and Order*. London: Stevens and Sons.
- *First Comparative Findings. Summaries of explorative country studies*. Research report. 2012. Karlsruhe: Institute for Technology Assessment and Systems Analysis. Karlsruhe Institute of Technology.
- Lindblom, Ch. 1977. *Politics and Markets*. New York: Basic Books.
- O'Reilly, P. 2012. Explorative country study: Ireland. In: *First Comparative Findings. Summaries of explorative country studies*. Research report. 2012. Karlsruhe: Institute for Technology Assessment and Systems Analysis. Karlsruhe Institute of Technology, pp. 29-34.
- Pokorný, O. – Hebáková, L. – Michalek, T. 2012. *Potential for Technology Assessment in the Czech Republic*. Research report. Prague: Technology Centre ASCR.
- Potůček, M. 2009. *Innovations as a tool in strategic thinking*. In: Higher Education, Partnership, Innovation. Proceedings of the IGHEPI Conference. Budapest: Publikon Publishers, pp. 103-108.
- Potůček, M. et al. 2009. *Strategic Governance and the Czech Republic*. Prague: Karolinum Press.
- *Report by the Commission on the Measurement of Economic Performance and Social Progress*. 2010. Available at
- <http://www.stiglitz-sen-fitoussi.fr/documents/rapport_anglais.pdf>
- Richta, R. et al. 1969. *Civilization at the Crossroads. Social and Human Implications of the Scientific and Technological Revolution*. Prague: International Arts and Sciences Press.
- Rip, A. 2012. *Futures of Technology Assessment*.
- Schweitzer, A. 1966. *The Teaching of Reverence for Life*. Peter Owen Limited.
- *Second European Quality of Life Survey Overview*. 2009. Dublin: European Foundation for the Improvement of Living and Working Conditions.