

Contents

Outline <i>Gerhard Banse, Christian J. Langenbach, Petr Machleidt</i>	1
I Introduction.....	7
The Genesis of the Project "TA-Eastern Europe" <i>Gerhard Banse</i>	9
II The Concept.....	21
Science, Democracy and Technological Risks <i>Jean-Jacques Salomon</i>	23
Concepts of Information Society and the Social Function of Information <i>Gotthard Bechmann</i>	37
The Way Towards a Knowledge Society. Some Barriers not only for Countries in Transition <i>Lech W. Zacher</i>	53
Problems of the Production and Application of Knowledge in a Societal Transformation. The Czech Republic's Approach to Knowledge Society <i>Stanislav Provazník, Adolf Filáček, Petr Machleidt</i>	61
Innovation and Financial Intensity of R&D in Poland as the Polish Approach to the Knowledge Society <i>Ewa Okoń-Horodyńska</i>	75
Russian Way to Information Society and New Understanding of Information Security (Statement) <i>Dimitri V. Efremenko</i>	89

IM The Application Fields of TA.....	93
Information Technology and Organisational Change.	
The Concept of Technological Practice	
<i>Gerd Schienstock.....</i>	<i>95</i>
Data - Information - Knowledge.	
A Trail of a Technological Enlightenment	
<i>Klaus Kornwachs.....</i>	<i>109</i>
Information Technology.	
The Forgotten Dimension of Modernisation	
<i>Otto Ulrich.....</i>	<i>125</i>
Threats of the Global Net-Internet.	
The State of Development and Inquiry over the Information Society in	
Poland	
<i>Andrzej Kiepas.....</i>	<i>133</i>
Scientific and Technological Progress, Democracy, Participation and	
Technology Assessment in Russia	
<i>VitalyG. Gorokhov.....</i>	<i>141</i>
Transformation of Society and Values in Slovakia	
<i>Pavel Fobel.....</i>	<i>153</i>
IV The Judgement.....	161
Rationality and the Use of Language.	
Technology Assessment for Shaping the Knowledge Society	
<i>Armin Grunwald.....</i>	<i>163</i>
Knowledge- and Value-Prerequisites of Evaluation and Decision-Making	
<i>Ladislav Tondl.....</i>	<i>179</i>
Ethical Norms for the Selection and Transfer of Knowledge	
<i>Stefan Bemdes.....</i>	<i>193</i>
List of Authors.....	205