

From Roger White, Bas Straatman, and Guy Engelen, “Planning Scenario Visualization and Assessment: A Cellular Automata Based Integrated Spatial Decision Support System”. In M.F. Goodchild and D.G. Janelle (editors), *Spatially Integrated Social Science*, © 2004 Oxford University Press. Permission granted by Oxford University Press for inclusion at <http://www.csiss.org/best-practices/siss/21/>.

Table 21.1. Qualitative representation of technology rules scenario.

LAND USE	PERIOD									
	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2035	2035-2040	2040-2045	2045-2050
<i>Greenhouses</i>	+ (clue 2)	+ (clue 2)	+ (clue 2)							
<i>Housing-low d.</i>	0 (clue 9)	+ (clue 7)	+ (clue 7)	+ (clue 7)	+ (clue 7)		+ (clue 27)	+ (clue 27)	+ (clue 27)	+ (clue 27)
<i>Housing-high d.</i>	0 (clue 9)	+ (clue 7)	+ (clue 7)				+ (clue 27)	+ (clue 27)	+ (clue 27)	+ (clue 27)
<i>Ghettos</i>	0 (clue 9)	++ (clue 7)	++ (clue 8)		++ (clue 22)				++ (clue 33)	++ (clue 33)
<i>Villas</i>				++ (clue 15)	++ (clue 23)	++ (clue 24)	++ (clue 25)	++ (clue 26)	++ (clue 26)	++ (clue 26)
<i>Industry</i>	+ (clue 2)	+ (clue 2)	+ (clue 2)	+ (clue 2)	+ (clue 19)	0 (clue 19)	+ (clue 19)	0 (clue 19)	+ (clue 19)	0 (clue 19)
<i>Services</i>	+ (clue 2)	+ (clue 2)	+ (clue 2)	+ (clue 2)	+ (clue 20)	+ (clue 20)	+ (clue 20)	+ (clue 20)	+ (clue 20)	+ (clue 20)
<i>Socio-cultural</i>	+ (clue 2)	0 (clue 2)	+ (clue 2)	0 (clue 2)	+ (clue 20)	+ (clue 20)	0 (clue 20)	+ (clue 20)	0 (clue 20)	+ (clue 20)
<i>Forest</i>			+ (clue 12)	+ (clue 12)		+ (clue 24)	+ (clue 24)			
<i>Wetlands</i>			+ (clue 14)	+ (clue 14)	+ (clue 14)	0 (clue 14)	+ (clue 14)	0 (clue 32)	0 (clue 32)	0 (clue 32)
<i>Drylands</i>										
<i>Recreation</i>				+ (clue 16)						
<i>Airports</i>			+ (clue 18)				+ (clue 30)	+ (clue 30)		
<i>Freshwater</i>			+ (clue 13)	+ (clue 13)		0 (clue 14)	+ (clue 14)	0 (clue 32)	0 (clue 32)	0 (clue 32)
<i>New islands</i>							+ (clue 28)	+ (clue 28)	+ (clue 28)	+ (clue 28)