



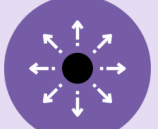







# SCOREBOARD #1 Assessing levels of complexity and wickedness

Dimension of complexity	Degree of complexity depends on....	Score Simple      Complex      Wicked [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] 1   2   3   4   5   6   7
<b>STRUCTURAL COMPLEXITY</b>		
<b>1. Multi-dimensional</b> 	The systemic nature of the problem (including Political, Economic, Social, Technological, Environmental and Legal aspects)	<b>Low</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>High</b> 1   2   3   4   5   6   7
<b>2. Multi-level</b> 	The extent and scale to which the impact of the problem manifests itself at different levels (micro/meso/macro)	<b>Limited</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>High</b> 1   2   3   4   5   6   7
<b>GENERATIVE COMPLEXITY</b>		
<b>3. Multi-cause</b> 	Number of identifiable/assumed root causes that underlie the problem	<b>Low</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>High</b> 1   2   3   4   5   6   7
<b>4. Multi-effect</b> 	Number and scale of symptoms that can be attributed to the problem	<b>Limited</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>High</b> 1   2   3   4   5   6   7
<b>DYNAMIC COMPLEXITY</b>		
<b>5. Multi-directional</b> 	Extent of variety in nature of interactions and interdependencies between elements (divergent, convergent, iterative, erratic)	<b>Low</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>High</b> 1   2   3   4   5   6   7

<b>6. Multi-paced</b> 	Dynamics of the problem that result from differences in pace; from linear to non-linear; sense of urgency, inertia and degree of denial	<b>Low</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>Intense</b> 1   2   3   4   5   6   7
<b>COMMUNICATIVE COMPLEXITY</b>		
<b>7. Multi-frames</b> 	Number of competing explanations and understandings ('alternative truths')	<b>Low</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>High</b> 1   2   3   4   5   6   7
<b>8. Multi-source</b> 	Level at which information and sources of the message can be unambiguously verified	<b>High</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>Low</b> 1   2   3   4   5   6   7
<b>SOCIETAL COMPLEXITY</b>		
<b>9. Multi-stakeholder</b> 	Number of involved or affected parties; variety in logics, stakes, expectations, behaviours and identities	<b>Low</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>High</b> 1   2   3   4   5   6   7
<b>10. Multi-responsibility</b> 	The extent of fragmentation in sources of responsibility, related to roles, loci of power, control, means and influence, and shifting boundaries	<b>Low</b> [ ]---[ ]---[ ]---[ ]---[ ]---[ ]---[ ] <b>High</b> 1   2   3   4   5   6   7

**Total Scores:**

Simple  
Complicated  
Complex  
Wicked

Score interpretation:  
10-20 = 'Simple'  
20-35 = 'Complicated'  
35-50 = 'Complex'  
50-70 = 'Wicked'

