Resilience results on the 5x5 risk matrix

	Resilience (cycle) Phases				
Resilience Dimensions		Understand risks	Anticipate / prepare	Absorb / withstand	Respond / recover	Adapt / transform
	System / physical	*Average*	*Good*	*Average*	*Good*	*Excellent*
	Information / smartness	*Good*	*Average*	*Good*	*Good*	*Good*
	Organization / business	*Excellent*	*Excellent*	*Poor*	*Poor*	*Excellent*
	Societal / political	*Poor*	*Good*	*Excellent*	*Average*	*Excellent*
	Cognitive / decision making	*Critical*	*Excellent*	*Average*	*Good*	*Average*

Using uniform Dynamic Checklists (DCLs) allows for infrastructure resilience *BENCHMARKING*

Software implementation

The assessment of the resilience indicators is implemented in Dynamic Checklists (DCLs) in a structured method

$R_{IL}=4.19$ **Excellent**

Number of indicators per cell

Phase Dim\	I.Understand Risk	II.Anticipate/ prepare	III.Absorb/ withstand	IV.Respond/ recover	V.Adapt/ transform
a. System/ physical	5	7	7	8	5
b. Information/ smartness	7	15	9	7	8
c. Organization/ business	7	18	6	12	15
d. Societal/ political	5	8	4	12	12
e. Cognitive/ decision making	4	11	8	9	12

Resilience level matrix

Phase Dim\	I.Understand Risk	II.Anticipate/ prepare	III.Absorb/ withstand	IV.Respond/ recover	V.Adapt/ transform
a. System/ physical	3.85	4.36	3.83	4.2	4
b. Information/ smartness	3.4	4.22	4.02	3.6	4.05
c. Organization/ business	3.4	4.07	4.28	3.88	4.07
d. Societal/ political	3.08	4.13	4.13	3.88	3.98
e. Cognitive/ decision making	3.33	4.2	4.39	3.75	3.98

Name	Type	Syst a	Info b	Org c	Soc d	DeM e	Score	Resilience Level
Resilience index level	Root						4.19	Excellent
I.Understand risks	Phase						3.66	Good
I.1. Risk management; ID-3873	Issue	✓	✓	✓		✓	5	Excellent
I.1.1. Does the CI Register risks?; ID-3771	Indicator						5	Excellent
I.1.2. How complete is the risk assessment process?; ID-760	Indicator						5	Excellent
I.2. Future scanning and smartness related challenges; ID-3874	Issue		✓	✓	✓	✓	2.5	Average
I.2.1. Are there software packages for integrated real time monitoring?; ID-3770	Indicator						3	Average
I.2.2. Big Data analysed?; ID-3171	Indicator						2	Poor
I.3. Threat monitoring; ID-3889	Issue	✓	✓	✓	✓		3.47	Good
I.3.1. Health coverage indicator; ID-540	Indicator						2.99	Average
I.3.2. Number and rates of disaster-related injuries; ID-521	Indicator						4.5	Excellent
I.3.3. 51C Population density in potential affected areas; ID-2218	Indicator						2.91	Average