

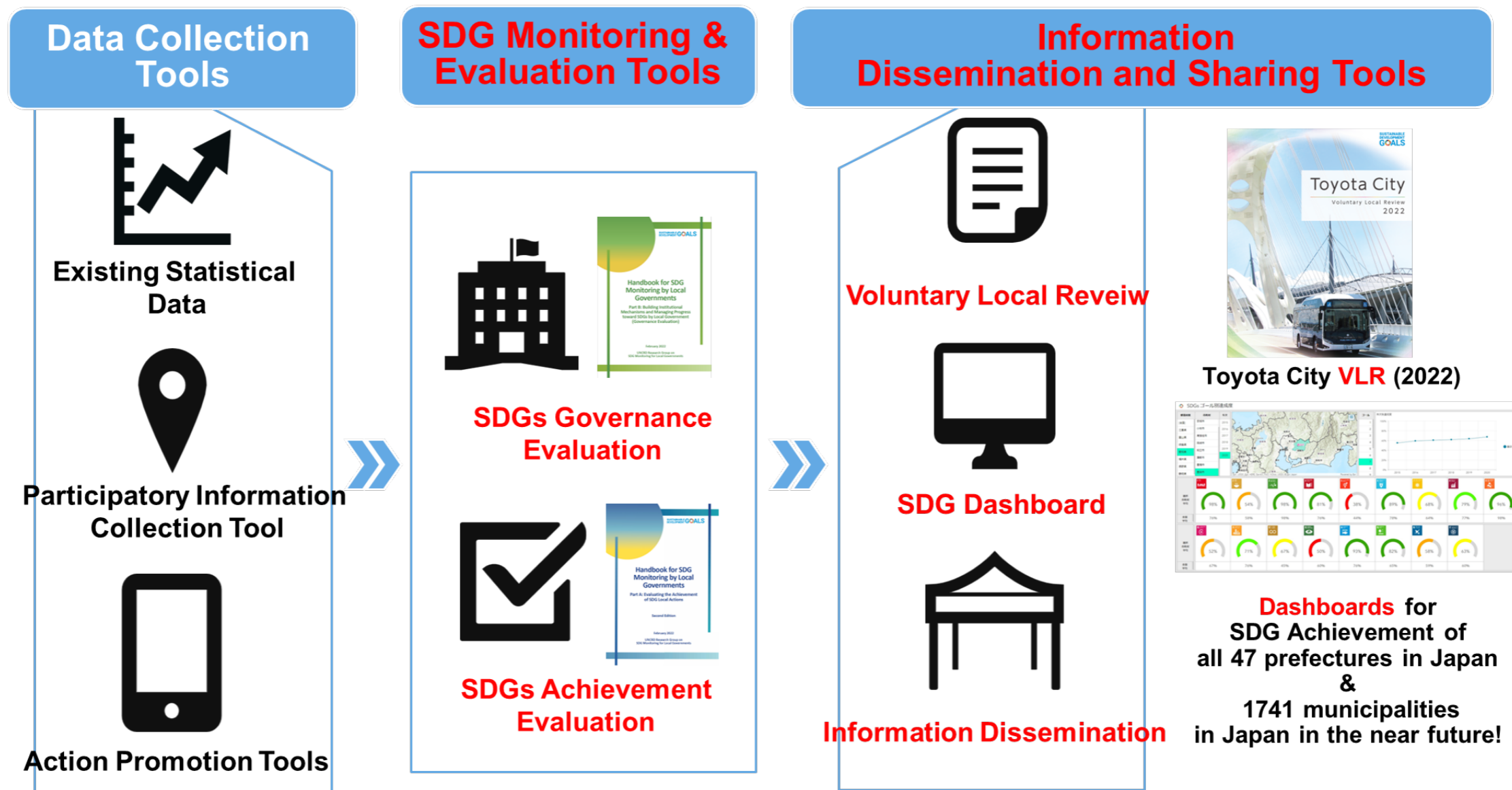
International Mayors Forum

SDG Monitoring and Evaluation Tools

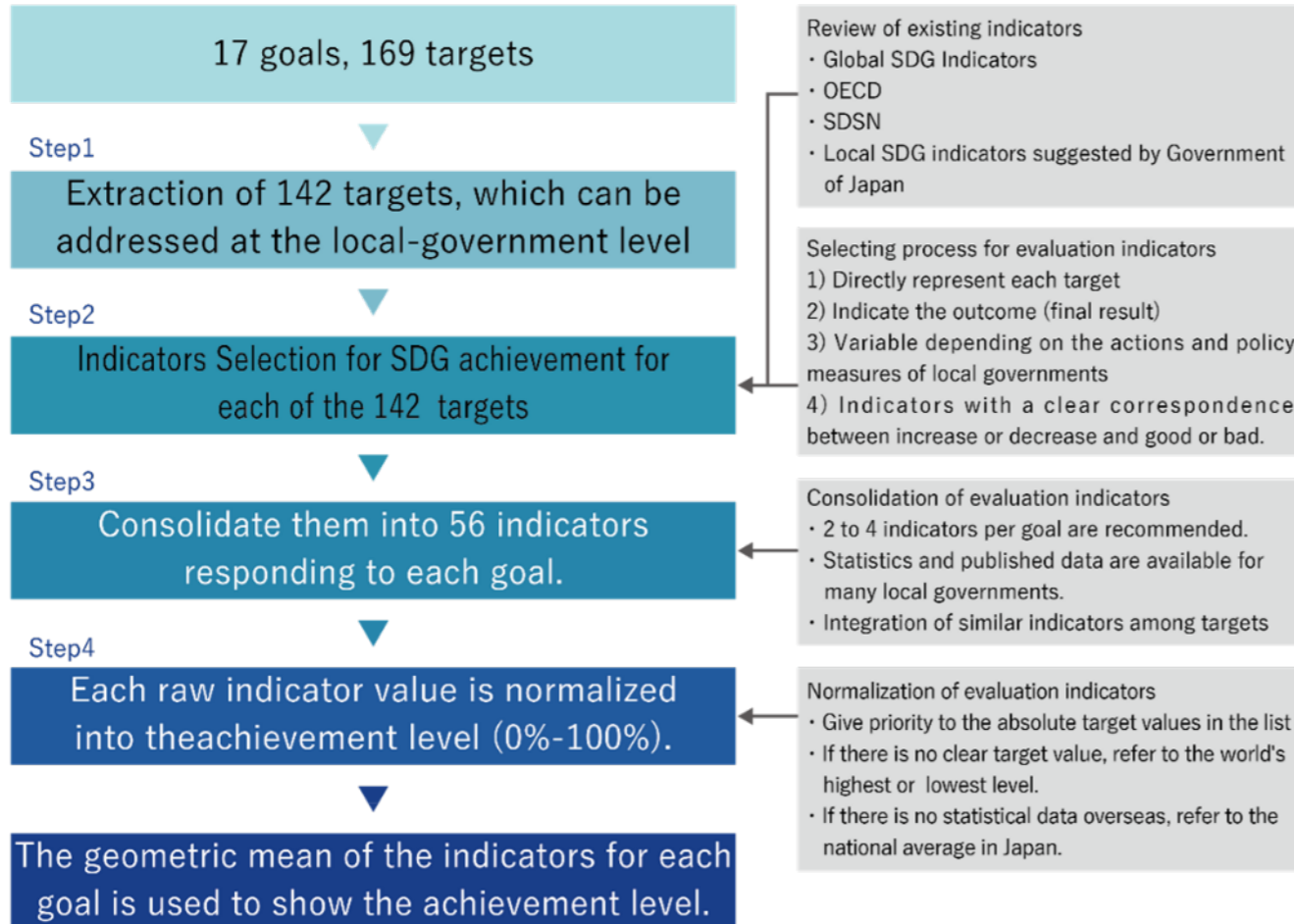
Nana Inaguma-Urakami
United Nations Centre for Regional Development (UNCRD)



UNCRD has developed the package of SDG monitoring & evaluation tools with Toyota City, Nagoya City and Gamagori City as well as the Private Sector



1. How to select indicators and selected ones



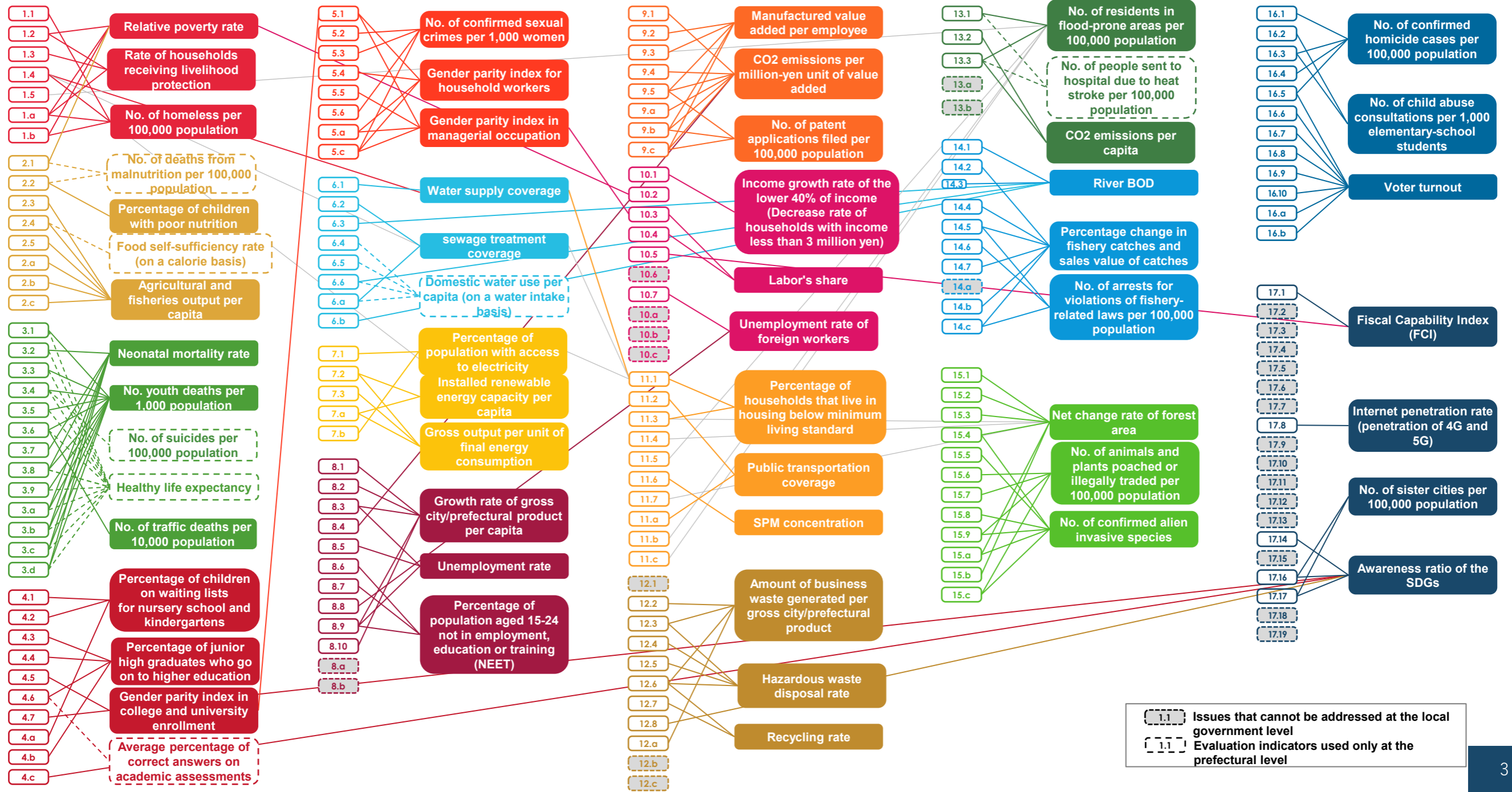
No	SDG Local Achievement Index	Related goals			Direction	Municipal levels
		1	2	10		
1	Relative poverty rate	1	2	10	-	
2	Rate of households receiving livelihood protection	1			-	
3	Number of homeless per 100,000 population	1			-	*1
4	Number of deaths from malnutrition per 100,000 population	2			-	*2
5	Percentage of children with poor nutrition	2			-	*3
6	Agriculture and fisheries output per capita	2			+	
7	Food self-sufficiency rate (on a calorie basis)	2			+	*2
8	Neonatal mortality rate	3			-	
9	Number of youth deaths per 1,000 population	3			-	
10	Number of suicides per 100,000 population	3			-	
11	Healthy life expectancy	3			+	*2
12	Number of traffic deaths per 10,000 population	3			-	
13	Percentage of children on waiting lists for nursery schools and kindergartens	4			-	
14	Percentage of junior high school graduates who go on to higher education	4			+	
15	Gender Parity Index in college and university enrollment	4	5		N	
16	Average percentage of correct answers on academic assessments	4			+	*2
17	Number of confirmed sex crimes per 1,000 women	5			-	*3
18	Gender Parity Index for household workers	5			N	
19	Gender parity index for managerial occupations	5	10		N	
20	Water supply coverage	6	1	11	+	
21	Sewage treatment coverage	6			+	
22	Water consumption per capita (based on a withdrawal basis)	6			-	*2
23	Percentage of population with access to electricity	7			+	
24	Renewable energy installation capacity per capita	7			+	
25	Gross output per unit of final energy consumption	7			+	
26	Growth rate of gross city/prefectural product per capita	8			+	
27	Unemployment rate	8			-	
28	Percentage of population aged 15-24 not in employment, education or training (NEET)	8			-	
29	Manufactured value added per employee	9			+	
30	CO2 emissions per million-yen unit of added value	9	8		-	
31	Number of patent applications filed per 100,000 population	9			+	
32	Income growth rate of the lower 40% of income (Decrease rate of households with income of less than 3 million yen)	10			+	
33	Labour's share	10			+	
34	Unemployment rate of foreign workers	10	8		-	*3
35	Percentage of households that live in housing below the minimum living standard	11			-	
36	Public transportation coverage	11			+	
37	SPM (Suspended Particulate Matter) concentration	11			-	
38	Amount of business waste generated per gross city/prefectural product	12			-	
39	Hazardous waste disposal rate	12			+	
40	Recycling rate	12			+	
41	Number of residents in flood-prone areas per 100,000 population	13			-	
42	Number of people sent to hospital due to heat stroke per 100,000 population	13			-	*2
43	CO2 emissions per capita	13			-	
44	River BOD (Biochemical Oxygen Demand)	14	6		-	
45	Percentage change in sales value of fishery catches	14			+	
46	Number of arrests for violations of fishery-related laws per 100,000 population	14			-	
47	Net change rate of forest area	15			+	
48	Number of animals and plants poached or illegally traded per 100,000 population	15			-	*3
49	Number of confirmed alien invasive species per unit area	15			-	*2
50	Number of confirmed homicide cases per 100,000 population	16			-	*3
51	Number of child abuse consultations per 1,000 elementary school students	16			-	
52	Voter turnout	16			+	
53	Fiscal capability index (FCI)	17	10		+	
54	Internet penetration rate	17			+	
55	SDGs promotion index	17			+	
56	Number of sister cities per 100,000 population	17			+	

*1: Less than core city (municipalities with more than 200,000 people) is assumed to be 0.

*2: Use the prefectural average

*3: For municipalities without data, use the prefectural average

2. Relationship between 56 indicators and targets

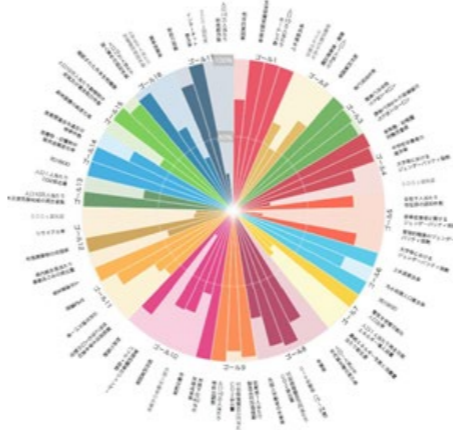
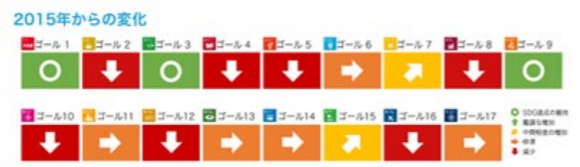
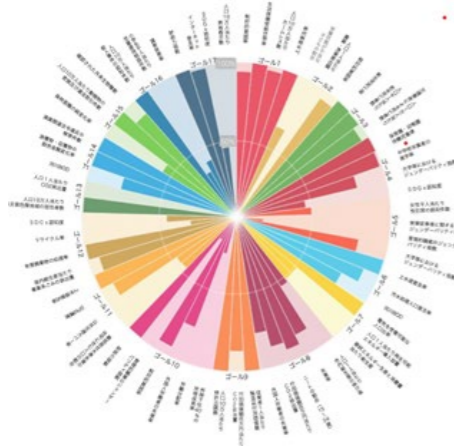


3. SDG Achievement Evaluation Results: Toyota and Gamagori

- G1[貧困]やG3[保健]、G6[水・衛生]、G9[イノベーション]、G14[海洋資源]などで達成率が高い一方、G5[ジェンダー]で達成率が低い
- 全国平均に比べ、G1[貧困]、G12[生産・消費]などで達成率が高い一方、G10[不平等]で達成率が低い
- G1[貧困]、G3[保健]、G7[エネルギー]、G9[イノベーション]、G15[陸上資源]は維持・増加、その他は停滞・減少傾向

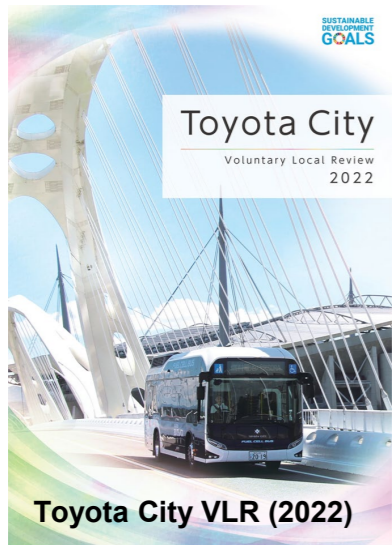


- G1[貧困]やG3[保健]、G6[水・衛生]、G9[イノベーション]、G13[気候変動]、G14[海洋資源]、G15[陸上資源]などで達成率が高い一方、G5[ジェンダー]やG12[生産・消費]で達成率が低い
- 全国平均に比べ、G1[貧困]やG6[水・衛生]、G13[気候変動]、G14[海洋資源]、G15[陸上資源]で達成率が高い
- G1[貧困]、G3[保健]、G6[水・衛生]、G9[イノベーション]、G14[海洋資源]は維持・増加、その他は停滞・減少傾向



Achievement level for each indicator

Achievement level for each indicator



Participation in HLPF in 2022, 2023

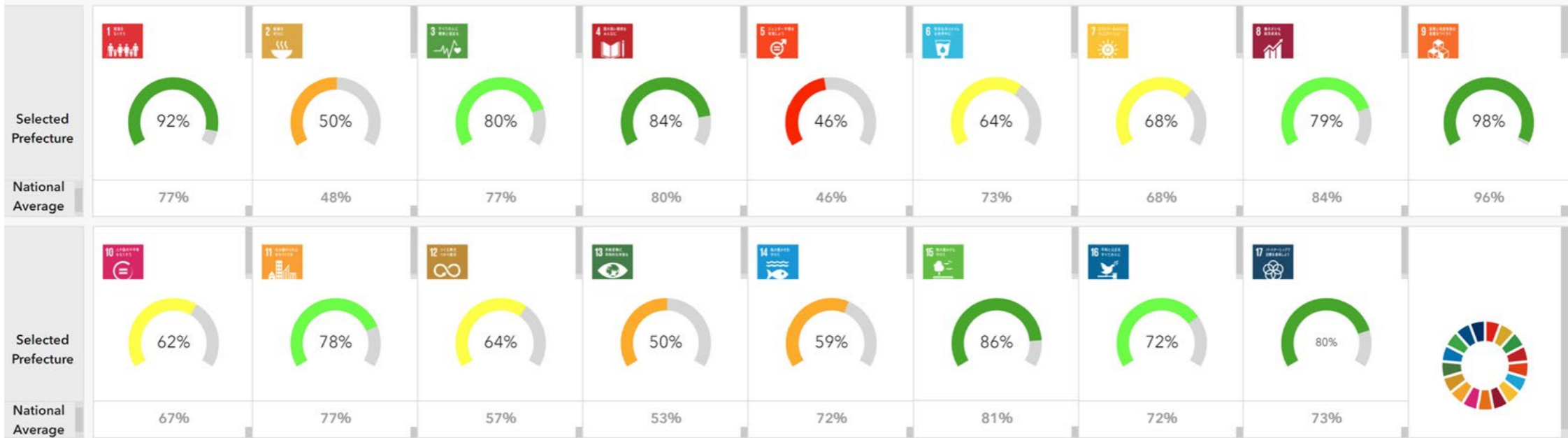
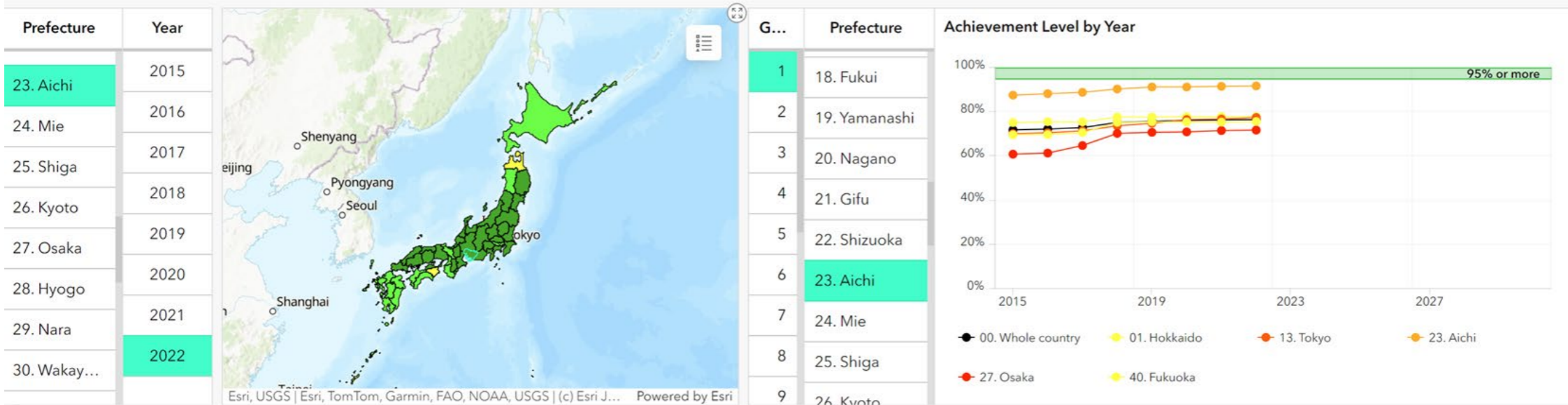
目標	達成するSDG目標	進捗率 (2022年)	進捗率 (2023年)	目標値 (2022年)	目標値 (2023年)
環境	再生可能エネルギーの割合	72.7%	85.0%	5,163,140,000yen	5,930,000,000yen
環境	資源循環率	64.5%	85.0%	1,136,000,000yen	1,136,000,000yen
環境	資源循環率	47.7%	52.0%	6,752 million people	7,447 million people
環境	資源循環率	24.0%	12.0%	261,524,000,000yen	264,000,000,000yen
環境	資源循環率	88.3%	90.0%	63.7%	83.0%
環境	資源循環率	88.3%	95.0%	89.7%	93.0%
環境	資源循環率	0%	100%	31.0%	29.0%
環境	資源循環率	14,150kg	40,000kg	36.3%	38.5%
環境	資源循環率	387 cases	337 cases	30.0%	35.0%
環境	資源循環率	18.3%	25.0%	6,396,362 yen	11,900,000 yen
環境	資源循環率	544.0	470.8		



GAMAGORI
SUSTAINABILITY
REPORT 2023
蒲都市サステナビリティレポート

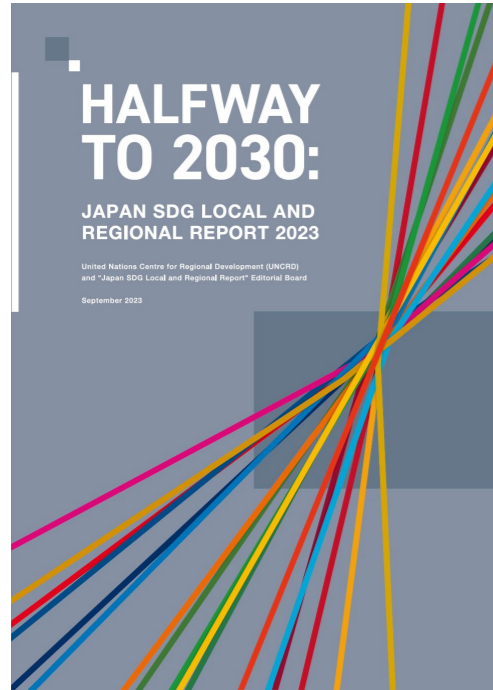
4. SDG Achievement Visualization Dashboard: Aichi Prefecture

Achievement Level by Goal (Prefectural Version)



5. HALFWAY TO 2030: Japan SDG Local and Regional Report 2023

Linkage of the results at the national and local levels



Editorial Supervisors

Supervision and advice from a professional perspective

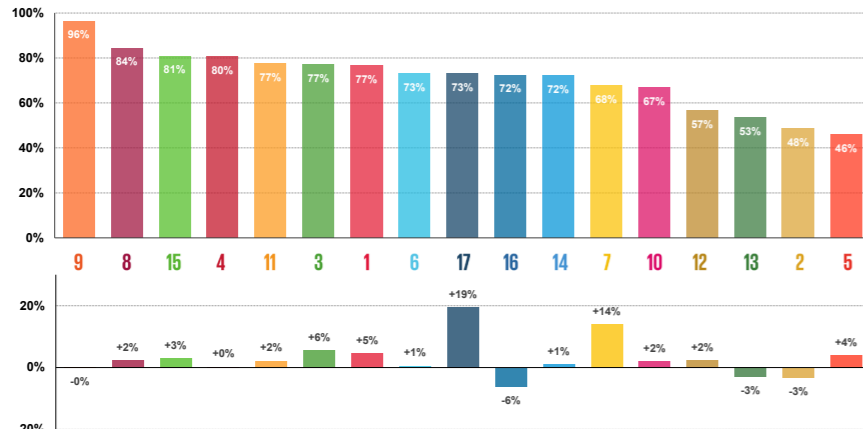
Prof. Norichika Kanie
 Graduate School of Media and Governance,
 Keio University (One of IGS for 2023 Global Sustainable Development Report)

Prof. Shun Kawakubo
 Hosei University

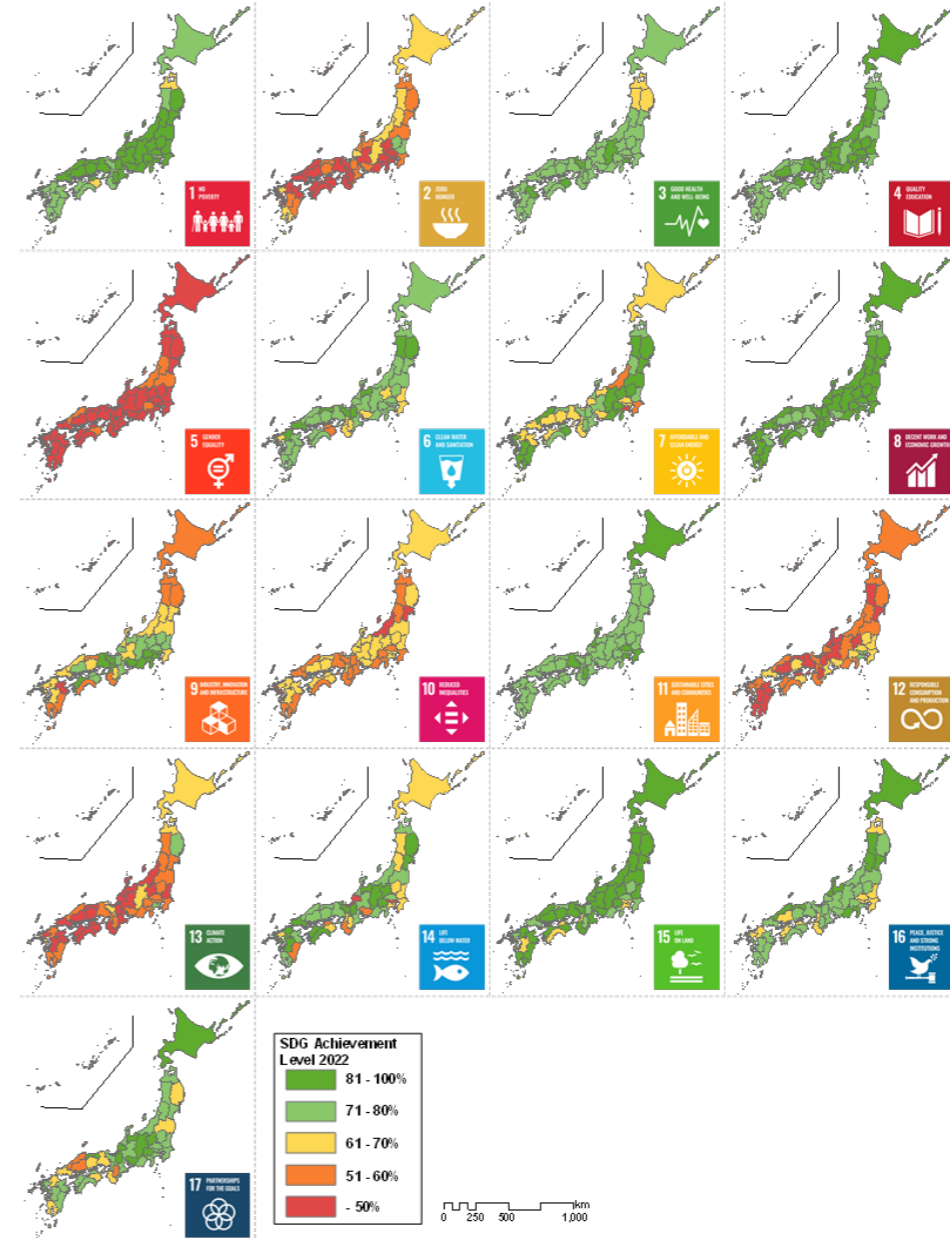
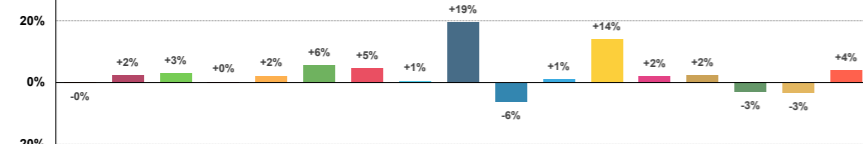



➔ Leading to inputs to the revised “SDGs Implementation Guiding Principles”, which is under revision by the Government of Japan.

SDG Achievement Level 2022



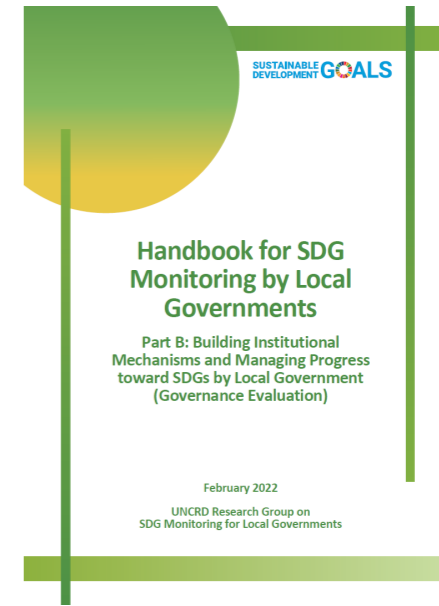
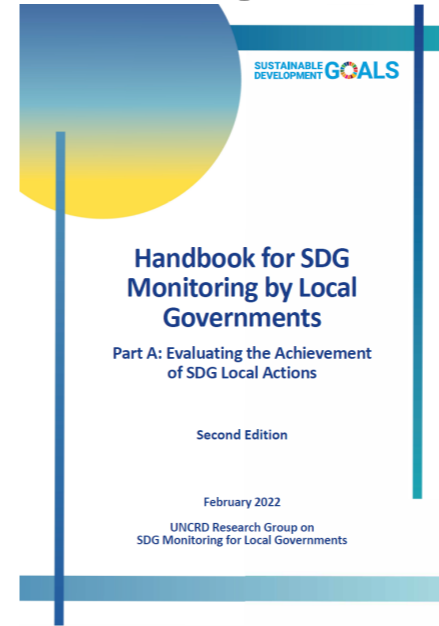
SDG Achievement Trend 2015-2022



THANK YOU!



SDG Monitoring Handbooks



HALFWAY TO 2030: Japan SDG LOCAL and REGIONAL REPORT 2023

