



UN-GGIM:Américas

COMITÉ REGIONAL DE LAS
NACIONES UNIDAS SOBRE
LA GESTIÓN GLOBAL
DE INFORMACIÓN GEOESPACIAL
PARA LAS AMÉRICAS



NACIONES UNIDAS

CEPAL

Geospatial information capacities for the production of SDGs

**Fifth Session UN-GGIM: Americas / Regional Workshop on Integration of
Geospatial and Statistical Information**

Mexico City - 06 to 08 November 2018

Background on IAEG-SDG Working Group on Geospatial Information

Established by the Inter Agency and Expert Group on Sustainable Development Goals Indicators to provide expertise and advice as to **how geospatial information, Earth observations** and other data source can **reliably and consistently** contribute to the indicators

PRIMARY OBJECTIVE

Ensure from a statistical and geographic location perspective that the key principle of the 2030 Agenda is reflected in the Global indicator framework

Background on IAEG-SDG Working Group on Geospatial Information (WGGI)

The global indicator framework was reviewed through a **geographic location lens**.

The IAEG-SDG WGGI reported on a **“Geospatial” Shortlist** from its second meeting in Mexico:

15 INDICATORS WHERE **GEOSPATIAL DATA IS NEEDED (LIST A)**

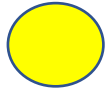
9 INDICATORS WHERE **GEOSPATIAL DATA CAN SUPPORT (LIST B)**

At the third meeting of the IAEG-SDG WGGI one conclusion was for the countries in the WGGI to make **national assessments of the short list**.

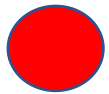
Traffic lights for the national assessment



Possible to report or already being reported





























Possible to develop: data integration needed or changes to current surveys



Very difficult to report, no current survey, no available method

Beginning the process at national level – LIST A




















GEOSPATIAL IS NEEDED

	Indicator	Tier				 
2.4.1	Proportion of agricultural area under productive and sustainable agriculture.	III				
6.3.2	Proportion of water bodies with good environmental water quality.	III				
6.5.2	Proportion of the area of the transboundary basin with an operational agreement for cooperation on water	III				
6.6.1	Change in the extension of ecosystems related to water over time.	III				
9.1.1	Proportion of the rural population living less than 2 km from a road for all seasons	III				
9.c.1	Proportion of the population covered by a mobile network, by technology	I				

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Beginning the process at national level – LIST A
















GEOSPATIAL IS NEEDED

	Indicator	Tier				 
11.2.1	Proportion of the population that has access to public transport, by age, sex and people with disabilities	II				
11.3.1	Ratio of land consumption rate to population growth rate	II				
11.7.1	Average participation in the built-up area of the cities that is an open space for public use for all, by sex, age, etc.	III				
14.2.1	Proportion of national Exclusive Economic Zones managed using ecosystem-based approaches	III				
14.5.1	Coverage of protected areas in relation to marine areas.	I				

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Beginning the process at national level – LIST A

















GEOSPATIAL IS NEEDED

	Indicator	Tier				
15.1.1	Forest area as a proportion of total land area	I				
15.1.2	Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type	I				
15.3.1	Proportion of land that is degraded over total land area	III				
15.4.1	Coverage by protected areas of important sites for mountain biodiversity	I				

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Beginning the process at national level – LIST B
















GEOSPATIAL AS SUPPORT

	Indicator	Tier				 
1.1.1	Proportion of population below the international poverty line, by sex, age, employment status and geographical location (urban/rural)	I				
1.4.2	Proportion of total adult population with secure tenure rights to land, by sex and by type of tenure	III				
4.5.1	Parity indices (female/male, rural/urban etc as data become available)	I-II-III				
5.2.2	Proportion of women and girls aged 15 years and older subjected to sexual violence, by age and place of occurrence	II				
5.4.1	Proportion of time spent on unpaid domestic and care work, by sex, age and location	II				

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Beginning the process at national level – LIST B

GEOSPATIAL AS SUPPORT

	Indicator	Tier				 
5.a.1	(a) Proportion of total agricultural population with ownership or secure rights over agricultural land, by sex; and (b) share of women among owners or rights-bearers of agricultural land, by type of tenure	III				
5.a.2	Proportion of countries where the legal framework (including customary law) guarantees women's equal rights to land ownership and/or control	III				
11.7.2	Proportion of persons victim of physical or sexual harassment, by sex, age, disability status and place of occurrence, in the previous 12 months	III				
15.4.2	Mountain Green Cover Index					

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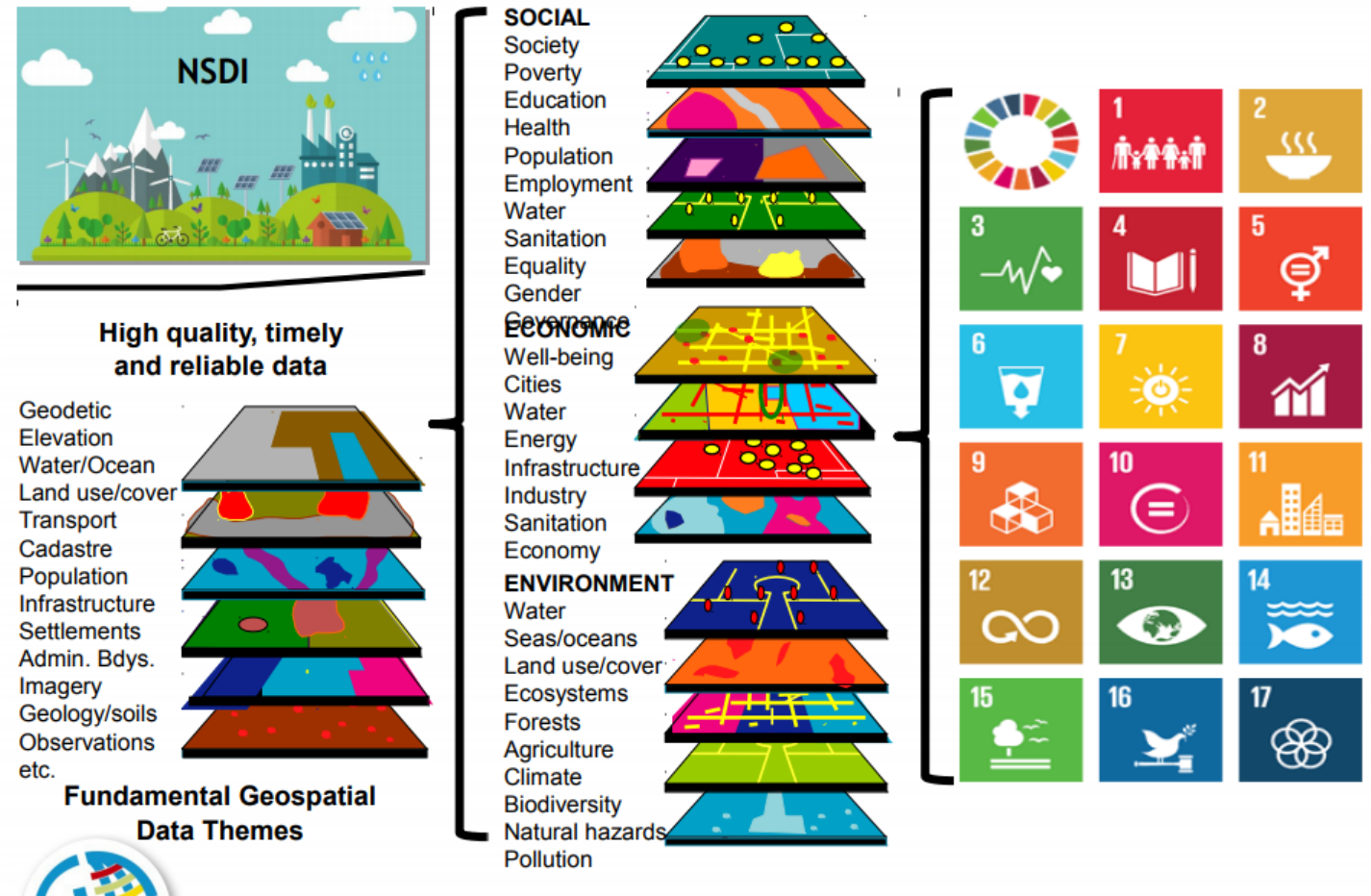
Who is involved in the shortlist national assessments?

- ✓ **Statistics**
- ✓ **Agriculture**
- ✓ **Crime Prevention**
- ✓ **Marine and Water Management**
- ✓ **Transport**
- ✓ **Post and Telecom Authority**
- ✓ **Housing, Building and Planning**
- ✓ **Forest Agency**
- ✓ **Environmental Protection Agency**

EVERY COUNTRY CAN FACE THIS CHALLENGE ACCORDING THEIR NATIONAL CIRCUMSTANCES AND ARRANGEMENTS

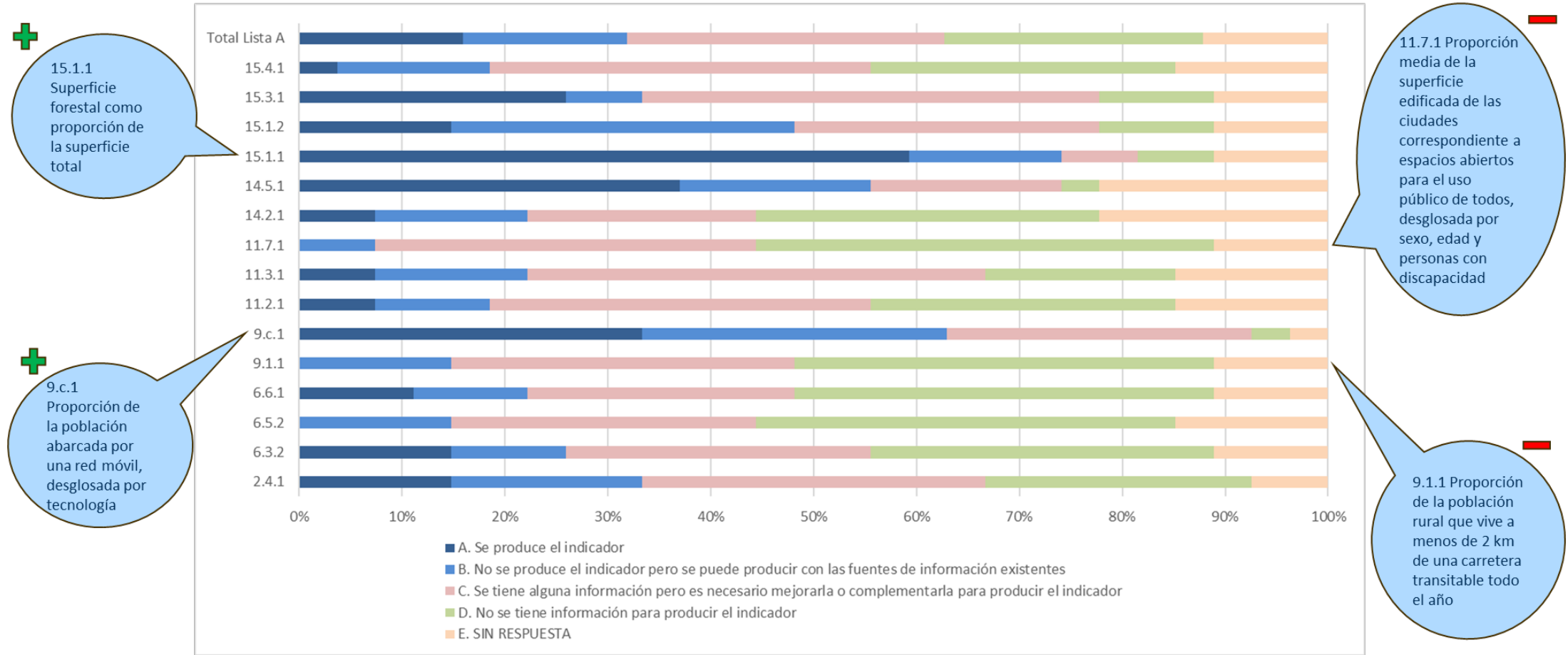
Marie Haldorson, Co-chair IAEG-SDG WGGI, Statistics Sweden

SDI should provide a strong support to the national assessments on the short list



Harmonization with the previous assessments and surveys is needed

América Latina y el Caribe (27 países): Porcentaje de países según nivel de producción por indicador (Lista A), 2016



Fuente: CEPAL (2017) Encuesta de capacidades estadísticas nacionales para la producción de los indicadores ODS del marco global

Harmonization with the previous assessments and surveys is needed

Cobertura promedio de las metas globales en los marcos nacionales ODS (14 países)

Fuente: CEPAL (2018) Segundo informe anual sobre el progreso y los desafíos regionales de la Agenda 2030 para el Desarrollo Sostenible en América Latina y el Caribe

69	1.1 86	1.2 100	1.3 64	1.4 79	1.5 50	1.a 71	1.b 36												
59	2.1 79	2.2 86	2.3 64	2.4 57	2.5 29	2.a 71	2.b 50	2.c 36											
76	3.1 100	3.2 100	3.3 79	3.4 79	3.5 64	3.6 86	3.7 93	3.8 71	3.a 64	3.b 71	3.c 64	3.d 50							
72	4.1 100	4.2 93	4.3 71	4.4 64	4.5 64	4.6 79	4.7 43	4.a 79	4.b 50	4.c 79									
63	5.1 64	5.2 79	5.3 64	5.4 71	5.5 86	5.6 57	5.a 57	5.b 64	5.c 29										
55	6.1 79	6.2 86	6.3 64	6.4 64	6.5 50	6.6 29	6.a 36	6.b 36											
67	7.1 93	7.2 93	7.3 79	7.a 36	7.b 36														
70	8.1 86	8.2 79	8.3 71	8.4 43	8.5 100	8.6 86	8.7 79	8.8 86	8.9 64	8.10 21	8.a 43	8.b 43							
42	9.1 64	9.2 86	9.3 64	9.4 64	9.5 79	9.a 43	9.b 50	9.c 57											
44	10.1 64	10.2 57	10.3 29	10.4 64	10.5 50	10.6 29	10.7 43	10.a 43	10.b 29	10.c 36									
48	11.1 86	11.2 50	11.3 29	11.4 43	11.5 64	11.6 71	11.7 43	11.a 36	11.b 43	11.c 14									
42	12.1 43	12.2 36	12.3 43	12.4 64	12.5 57	12.6 36	12.7 29	12.8 29	12.a 21	12.b 43	12.c 21								
49	13.1 71	13.2 64	13.3 57	13.a 36	13.b 14														
43	14.1 43	14.2 50	14.3 36	14.4 36	14.5 71	14.6 36	14.7 36	14.a 43	14.b 43	14.c 36									
43	15.1 100	15.2 50	15.3 50	15.4 36	15.5 71	15.6 36	15.7 36	15.8 29	15.9 36	15.a 29	15.b 29	15.c 21							
57	16.1 100	16.2 57	16.3 64	16.4 64	16.5 57	16.6 86	16.7 43	16.8 29	16.9 71	16.a 36	16.b 43	16.c 36							
44	17.1 86	17.2 29	17.3 57	17.4 71	17.5 14	17.6 57	17.7 21	17.8 57	17.9 43	17.10 29	17.11 57	17.12 36	17.13 36	17.14 21	17.15 36	17.16 50	17.17 36	17.18 50	17.19 57

 Metas asociadas a los indicadores de la Lista A

 Metas asociadas a los indicadores de la Lista B

Moving forward

Conform the **work teams** at the national level to address the challenge, including experts and representatives from both geospatial and statistical communities **COUNTRY**

Review the **national inventories** of geospatial and statistical data **COUNTRY**

Strengthen **collaboration** with the Working Group on Geospatial Information of the IAEG SDG **REGION**

Articulation and joint work with the **Agenda 2030 Statistical Working Group** **REGION**

Research on the national cases where Tier III indicators have green lights in the geospatial assessment already done and disseminate to the countries **REGION**

Conduct the national assessments and report them in the coming global and regional meetings of both statistical and geospatial communities **REGION**



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Thank you !



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