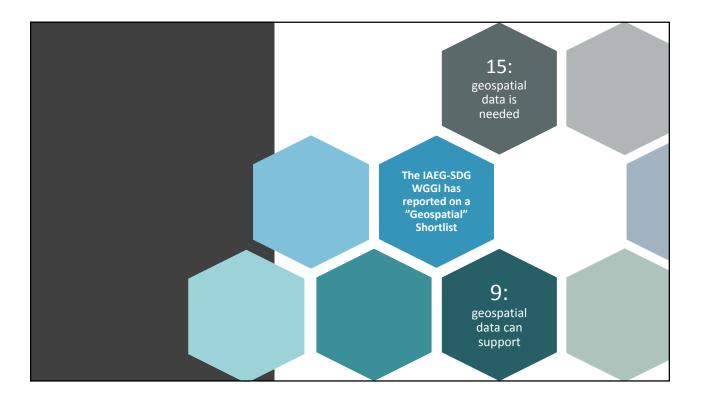
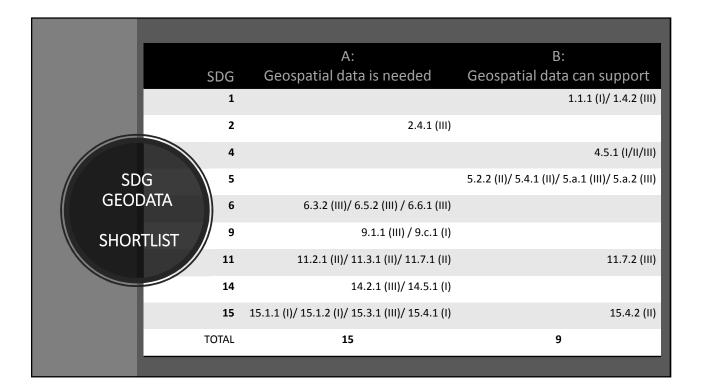
Parallel Session: Measuring and Monitoring the SDGs: THE GLOBAL INDICATOR **UNITED NATIONS** WORLD GEOSPATIAL FRAMEWORK: **INFORMATION CONGRESS** NEW AND Deqing, Zhejiang Province, China INNOVATIVE 19-21 November 2018 METHODS FOR DISAGGREGATIN **BY GEOLOCATION** ...from global to regional to national panorama INEGI



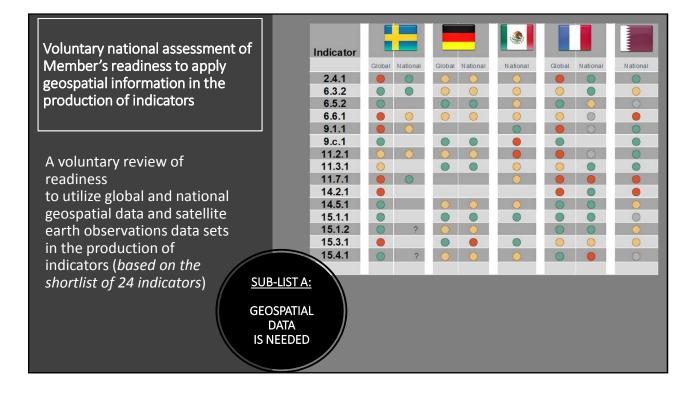


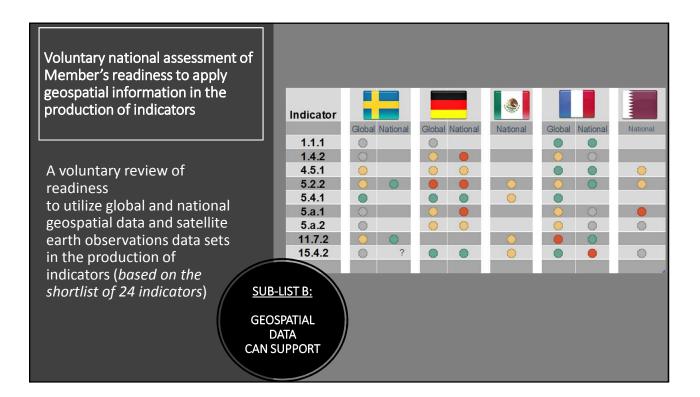
	Indicator	aublist A
	2.4.1	Proportion of agricultural area under productive and sustainable agriculture SUblist A
	6.3.2	Proportion of bodies of water with good ambient water quality
0 O	6.5.2	Proportion of transboundary basin area with an operational arrangement for water cooperation
ð	6.6.1	Change in the extent of water-related ecosystems over time
needeo	9.1.1	Proportion of the rural population who live within 2 km of an all-season road
Ш	9.c.1	Proportion of population covered by a mobile network, by technology
<u>.s</u>	11.2.1	Proportion of population that has access to public transport, by age, sex and persons with disabilities
힌	11.3.1	Ratio of land consumption rate to population growth rate
Ö	11.7.1	Average share of the built-up area of cities that is open space for public use for all, by sex, age etc
	14.2.1	Proportion of national Exclusive Economic Zones managed using ecosystem-based approaches
<u>.</u>	14.5.1	Coverage of protected areas in relation to marine areas
b	15.1.1	Forest area as a proportion of total land area
<u>geospatial data</u>	15.1.2	Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type
Ð	15.3.1	Proportion of land that is degraded over total land area
<u>ا</u> ن	15.4.1	Coverage by protected areas of important sites for mountain biodiversity

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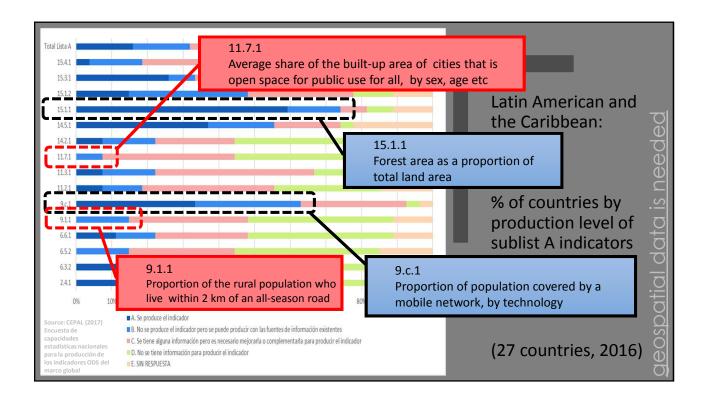
ndicator		sublist B				
ndicator						
1.1.1	Proportion of population below the international poverty line, by sex, age, employment sta geographical location (urban/rural)	tus and				
1.4.2	Proportion of total adult population with secure tenure rights to land, by sex and by type of	tenure				
4.5.1	Parity indices (female/male, rural/urban etc as data become available)					
5.2.2	Proportion of women and girls aged 15 years and older subjected to sexual violence, by age occurrence	and place of				
5.4.1	Proportion of time spent on unpaid domestic and care work, by sex, age and location					
5.a.1	a. Proportion of total agricultural population with ownership or secure rights over agricultu and (b) share of women among owners or rights-bearers of agricultural land, by type of te					
5.a.2	Proportion of countries where the legal framework (including customary law) guarantees w rights to land ownership and/or control	omen's equal				
11.7.2	Proportion of persons victim of physical or sexual harassment, by sex, age, disability status a occurrence, in the previous 12 months	and place of				
15.4.2	Mountain Green Cover Index					

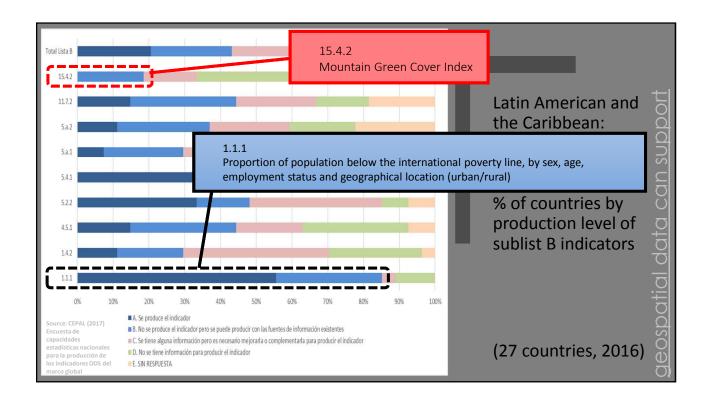


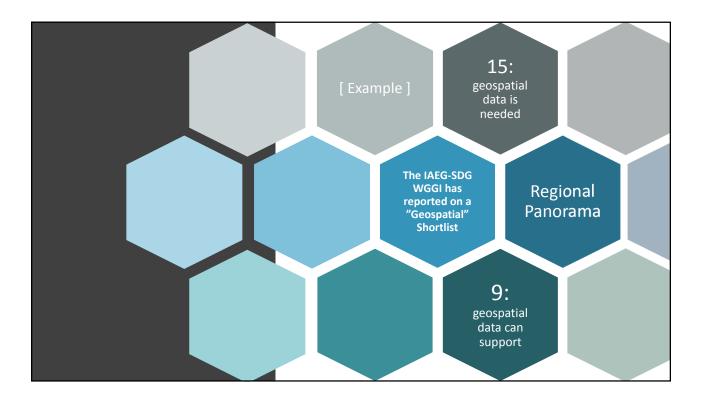


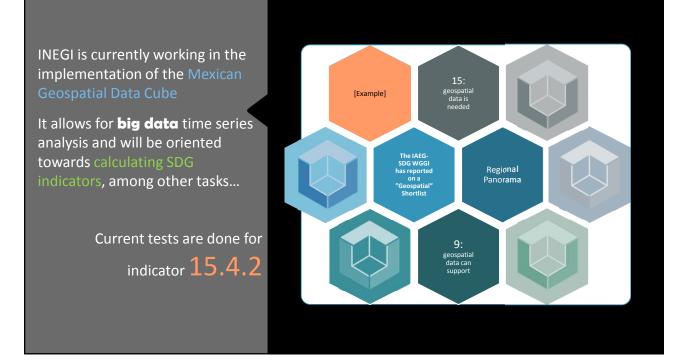












## Currently implementing Open Data Cube at INEGI

WORKS ON indicator 15.4.2 mountain Green cover index	STEPS (chronological)	<u>without</u> ODC	Progress	<u>with</u> ODC	Progress
15 UFE	Use Intergovernmental Panel on Climate Change definitions (6 classes)	√	<u>ر</u>	<b>√</b>	√
	Land Use/Land Cover Map	$\checkmark$	$\checkmark$	$\checkmark$	
	Obtain converted classification (original to 6 classes)	~		√	√
	Draw sample from converted data			√	design
First classification is a conversion from the 2014 Land Use/Land Cover map to 6 classes	Use sample and 6 other ODC indicators as training dataset for classification			1	ODC indicator (geomedian)
· · ·	Run national classification with Machine				
ODC process allows constant update to the	Learning			$\checkmark$	
national classification because it is	Link result raster to Digital Elevation				
generated automatically	Model (DEM) for mountain areas	$\checkmark$	$\checkmark$	$\checkmark$	
	Calculate Green Cover index on DEM				
Spared resources can be applied to expert	mountain area mask	$\checkmark$	$\checkmark$	$\checkmark$	
and field validation for quality assessments	Possible field validation for quality				
	assurance in subsampled dataset			$\checkmark$	
	Provide feedback to FAO	$\checkmark$	$\checkmark$	$\checkmark$	

## THANK YOU.



## UNITED NATIONS WORLD GEOSPATIAL INFORMATION CONGRESS

Deqing, Zhejiang Province, China 19-21 November 2018

> CONTACT: PALOMA MERODIO paloma.merodio@inegi.org.mx JIMENA JUÁREZ iimena.iuarez@inegi.org.mx

