

# AICHI TARGET 11 LINKAGES TO DEVELOPMENT AND BIODIVERSITY CONSERVATION Mexico

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Mexico's National Commissioner for Natural Protected Areas

First Meeting of the Subsidiary Body on Implementation  
Montreal, Canada, May 2, 2016

# MEXICO'S BIODIVERSITY

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Y RECURSOS NATURALES

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## 4th most biodiverse country

- 2<sup>nd</sup> in reptiles
- 2<sup>nd</sup> in marine fish
- 3<sup>rd</sup> in mammals
- 5<sup>th</sup> in vascular plants
- 5<sup>th</sup> in amphibians
- 11<sup>th</sup> in birds
- **9 out of 11 types of habitats are present in Mexico**





# FEDERAL PROTECTED AREAS SYSTEM

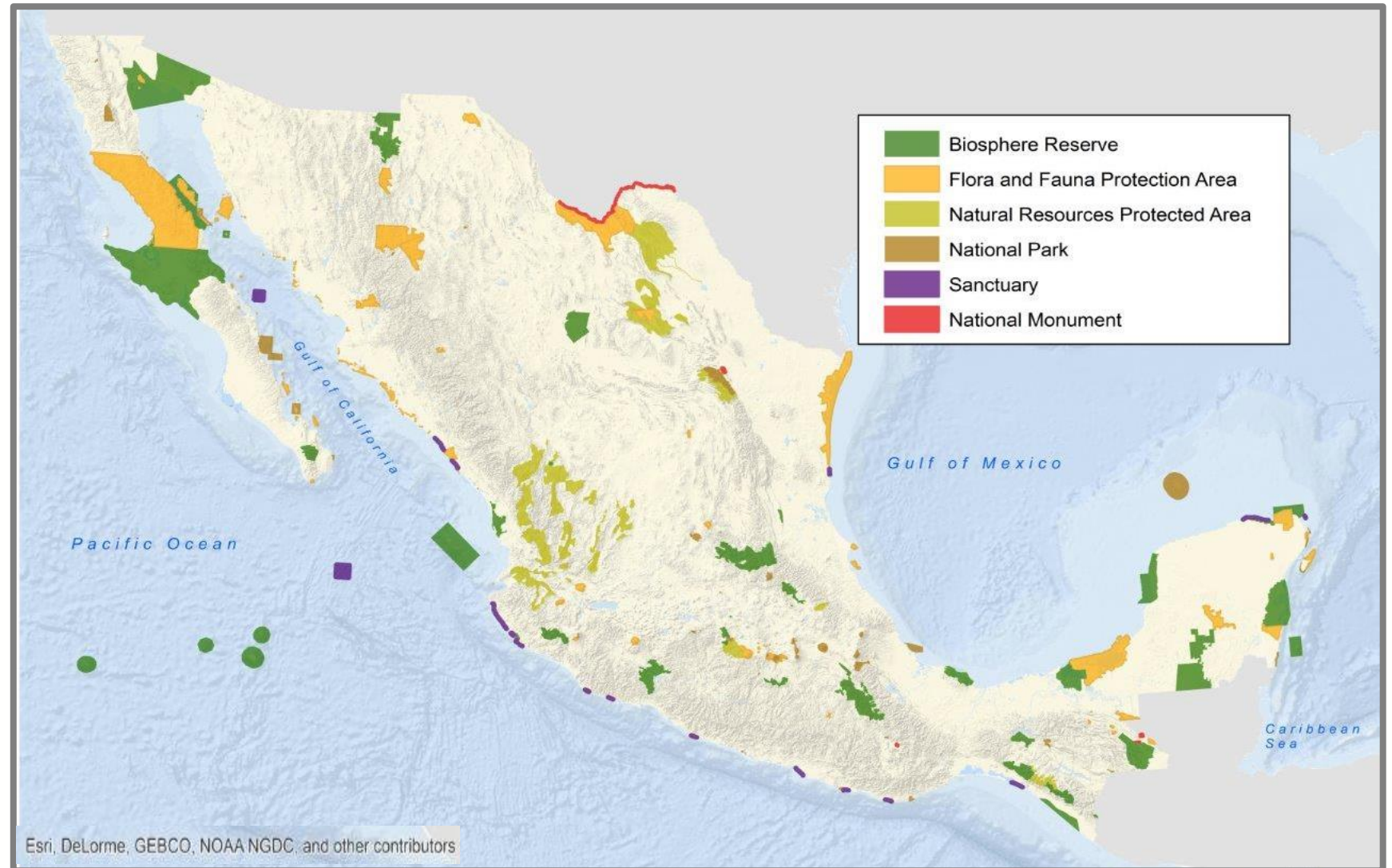
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- Mexico's terrestrial surface  
1.973.000 Km<sup>2</sup>
- Exclusive Economic Zone  
3,149,920 Km<sup>2</sup>
- 177 Federal Protected  
Areas
- Terrestrial PA  
270,694 Km<sup>2</sup> – 10.48%
- Marine  
56,100 Km<sup>2</sup> – 1.78%



# IUCN CATEGORIES

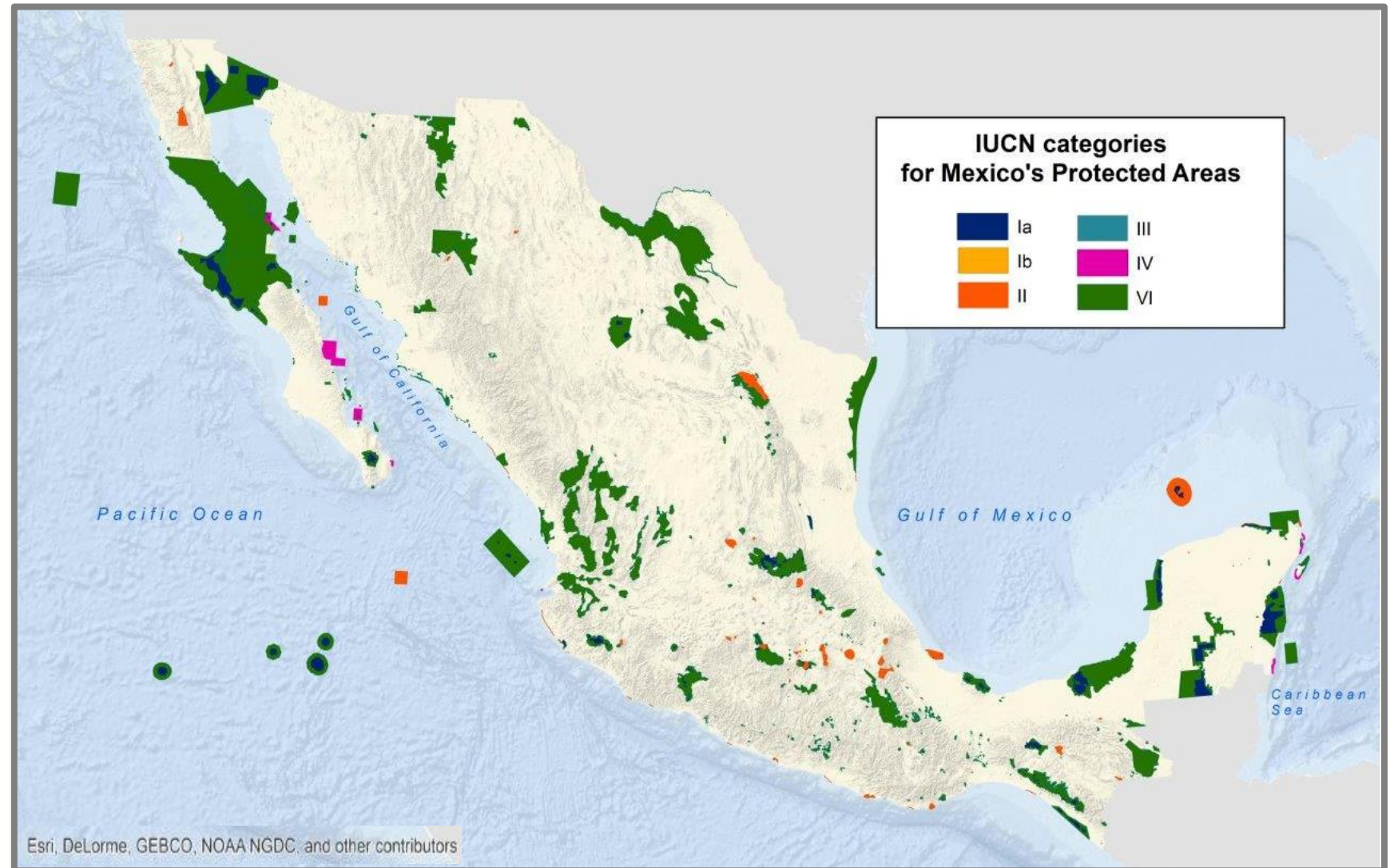
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- 6 out of 7 IUCN categories are represented in the PA system.
- Current activities to include another instrument under category V.





# FEDERAL PA INTERNATIONAL DESIGNATIONS

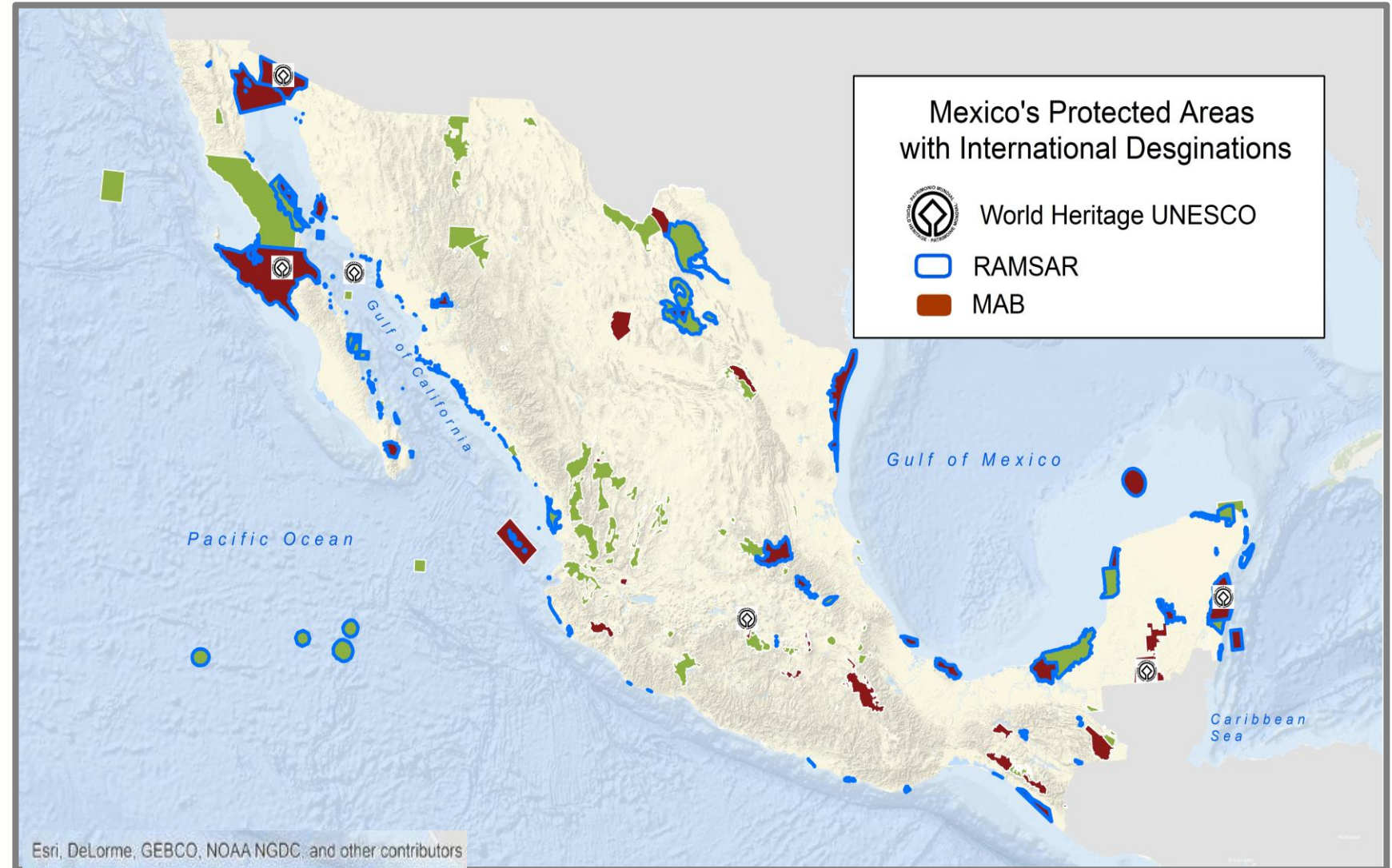
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- 5 Natural Heritage sites
- Two additional areas nominated
  - Revillagigedo archipelago
  - Tehuacán-Cuicatlán
- 1 Mixed Heritage site
- 42 MAB Designations
- 142 Ramsar sites (63 in PA)



# AICHI TARGET 11: PA AND OTHER AREA-BASED CONSERVATION MEASURES

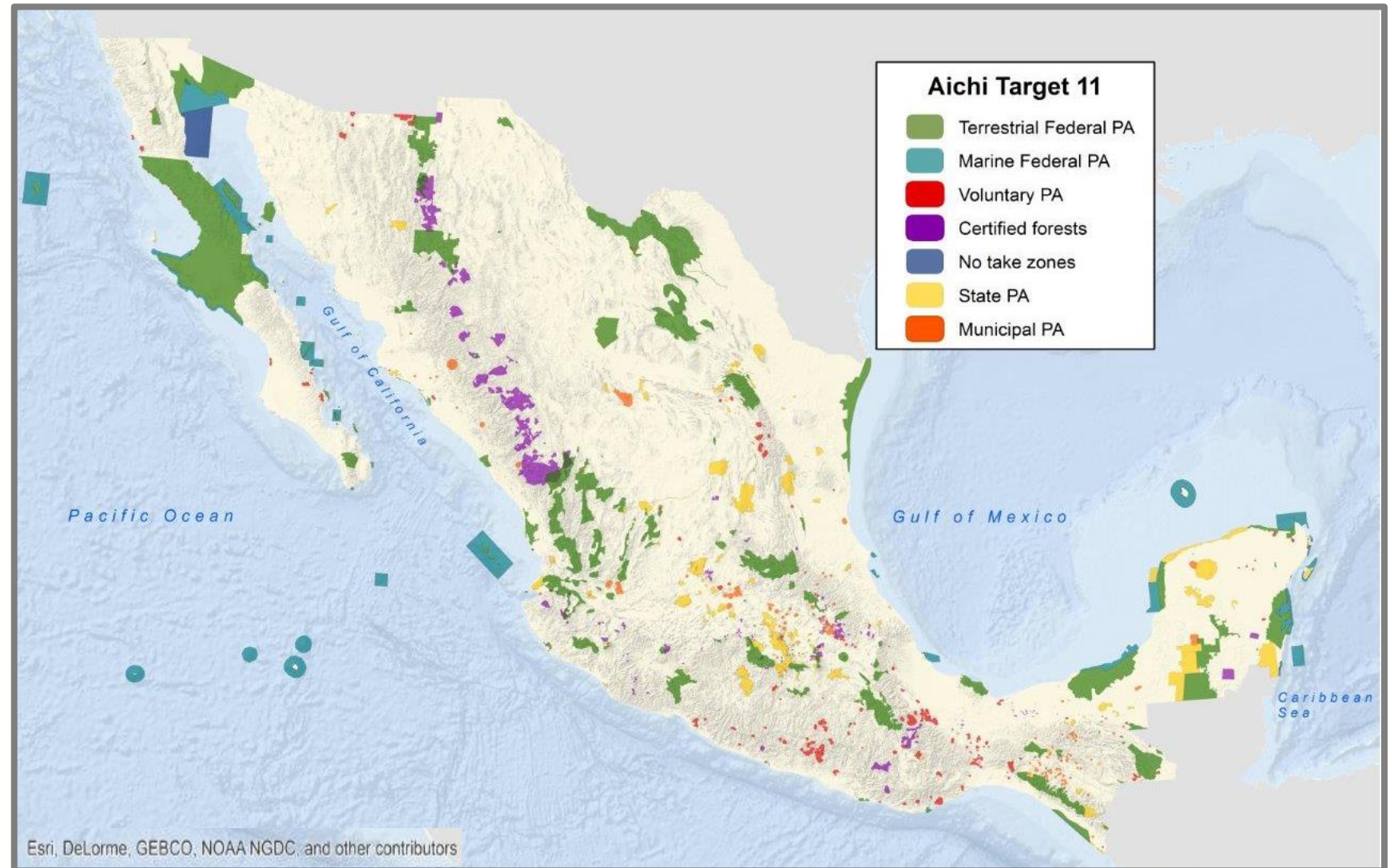
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- Mexico's Target 11 accountability comprises:
- **Federal terrestrial protected areas**  
205,756.13 Km<sup>2</sup>  
10.42%
- **Federal marine protected areas**  
48,559.84 Km<sup>2</sup>  
1.78%
- **Other terrestrial area-based conservation measures**  
64, 938 Km<sup>2</sup>  
3.3%





# FEDERAL PROTECTED AREAS TO BE DECREED

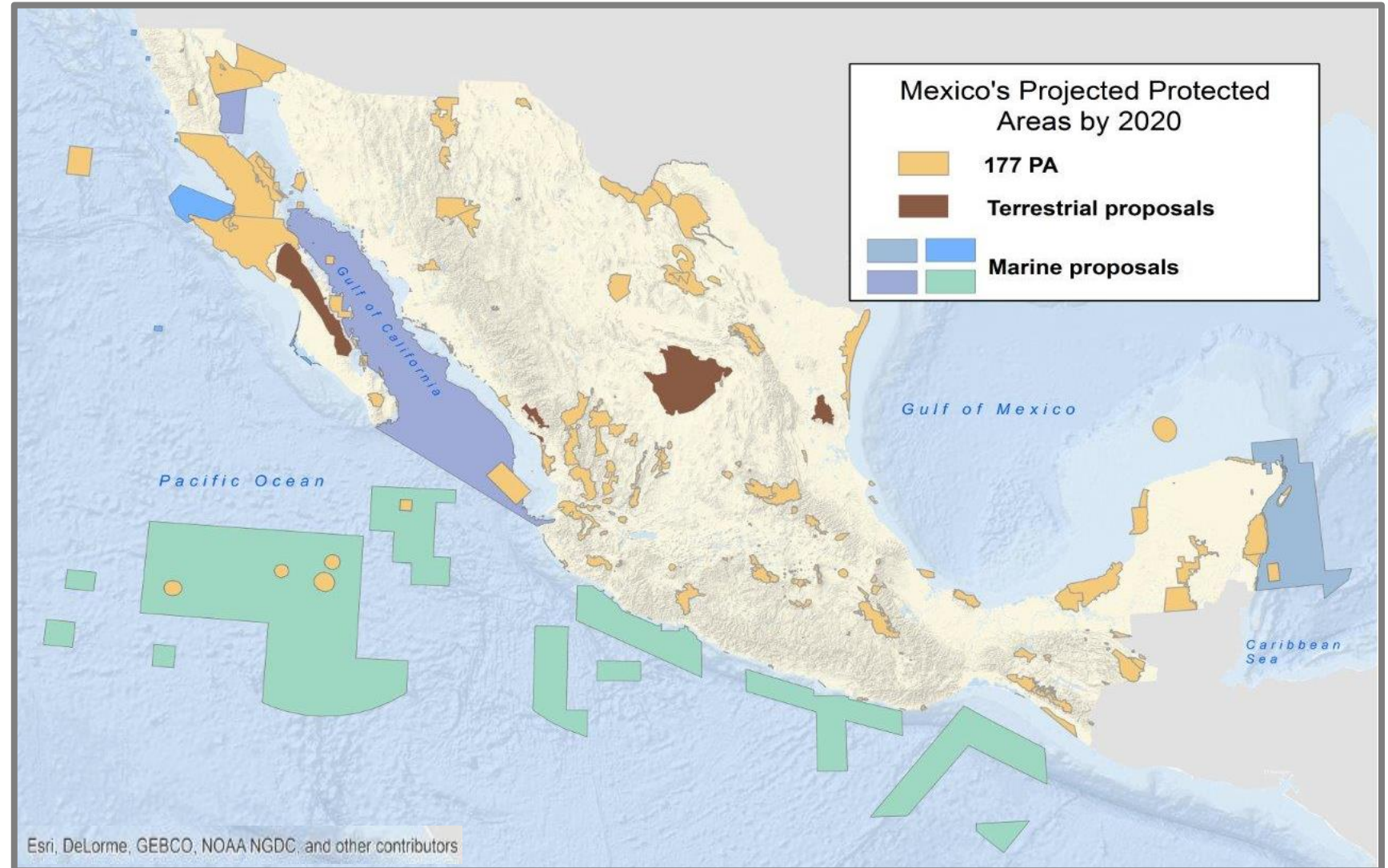
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- **Federal terrestrial protected areas**  
63,318 Km<sup>2</sup>  
3.22%
- **Federal marine protected areas**  
436,039 Km<sup>2</sup>  
12.3%



# AICHI TARGET 11 TOWARDS 2020

## Terrestrial

Environmental policy instrument	2016		2020	
	Protected surface (Km <sup>2</sup> ) Current PA	% of total terrestrial and inland water surface	Protected surface (Km <sup>2</sup> ) Projected PA	% of total terrestrial and inland water surface
Federal PA	205,756.13	10.42	269,074.16	13.64
State PA	39,280.21	1.99	45,280.21	2.29
Municipal PA	1,982.88	0.10	1,982.88	0.10
Voluntary	3,255.84	0.16	3,255.84	0.17
Certified forests	20,418.96	1.03	25,650.00	1.30
<b>TOTAL</b>	<b>270,694.01</b>	<b>13.72</b>	<b>320,418.08</b>	<b>17.50</b>

## Marine

Environmental policy instrument	2016		2020	
	Protected surface (Km <sup>2</sup> ) Current PA	% of total marine surface	Protected surface (Km <sup>2</sup> ) Projected PA	% of total marine surface
Federal PA	48,559.84	1.54	484,598.19	13.84
No take zones	7,540.34	0.24	7,540.34	0.24
<b>TOTAL</b>	<b>56,100.18</b>	<b>1.78</b>	<b>492,138.53</b>	<b>14.08</b>



# PROTECTED AREAS IMPLEMENTATION INDEX

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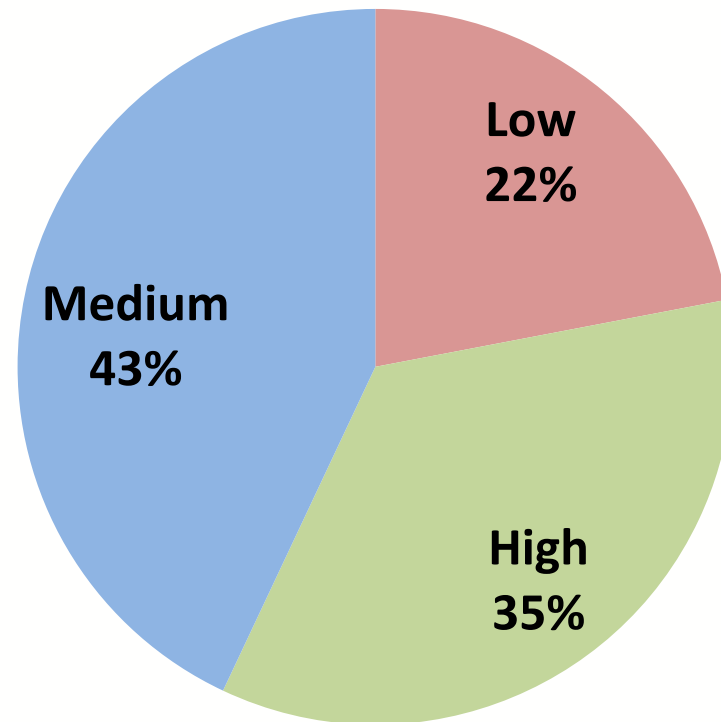
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## EXTERNAL AUDIT TO EVALUATE HOW LATIN AMERICA IS IMPLEMENTING ACTIONS TOWARDS AICHI TARGET 11

### INDICATORS

- Management program
- Human resources
- Financial resources
- Operational structure
- Territorial consolidation
- Environmental inspection
- Research
- Biodiversity monitoring
- Management committee
- Community engagement
- Public use
- Concessions and permits
- Protected area articulation

## AICHI TARGET ACTION IMPLEMENTATION INDEX



**From 177 federal protected areas:**

- 58 ranked high
- 72 ranked medium
- 37 ranked low

# PROTECTED AREAS' TARGET 11 IMPLEMENTATION INDEX

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COUNTRY	NATIONAL SURFACE (Km2)	NUMBER OF PROTECTED AREAS	PROTECTED AREAS (Km2)	Protected terrestrial surface in %	IMPLEMENTATION AND MANAGEMENT INDEX					
					LOW %	MED %	HIGH %	LOW (AP)	MED (AP)	HIGH (AP)
MEXICO	1,964,375	176.00	206,681	11%	22%	43%	35%	37	72	58
BRAZIL	8,515,767	1,966.00	1,460,918	17%	30%	59%	11%	137	267	49
PERU (OTHER CATEGORIES)					6%	44%	50%	4	28	32
COSTA RICA	51,100	168.00	13,286	26%	44%	40%	16%	56	52	20
ARGENTINA	2,791,810	436.00	215,150	8%	0%	61%	39%	0	22	14
COLOMBIA	1,141,748	633.00	141,851	12%	9%	69%	22%	5	40	13
ECUADOR	256,370	50.00	51,106	20%	14%	69%	17%	7	33	8
BOLIVIA	1,098,581	130.00	255,666	23%	0%	68%	32%	0	15	7
HONDURAS	112,492	91.00	31,086	28%	45%	46%	9%	29	30	6
PERU (RESERVED ZONES)	1,285,216	79.00	185,506	14%	38%	31%	31%	5	4	4
VENEZUELA	1,075,987	400.00	390,458	36%	25%	50%	25%	1	2	1
EL SALVADOR	21,041	72.00	5,260	25%	59%	41%		13	9	0
PARAGUAY	406,752	91.00	83,378	21%	82%	18%		31	7	0
TOTAL	18,721,239	4,292.00	3,040,346					325	581	212



# LAND DYNAMIC SPATIAL INFORMATION WEB SERVICE

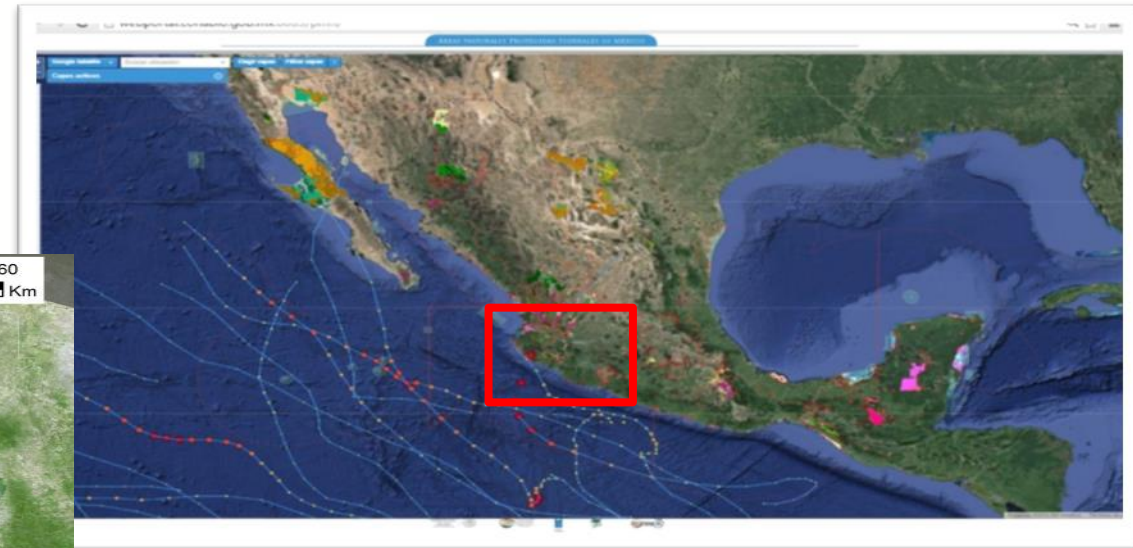
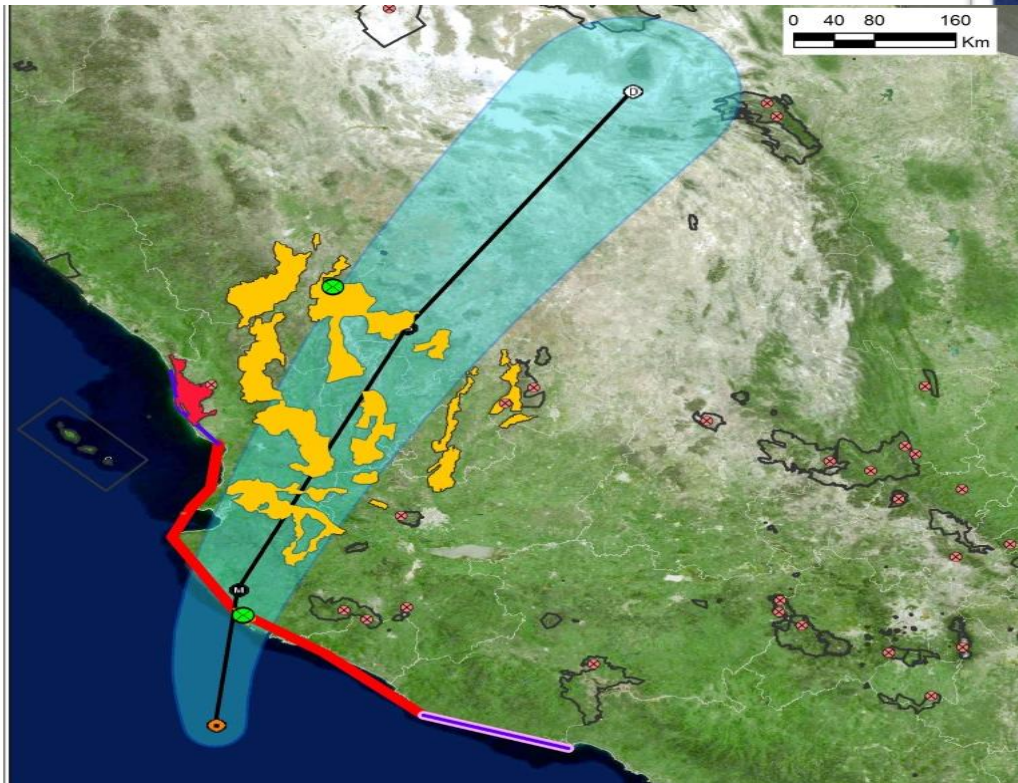
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HURACAN PATRICIA HIT THE CHAMELA REGION IN JALISCO, ON OCTOBER 23<sup>rd</sup> 2015.



- RECORD OF WIND GUSTS OF 320 KM/H
- THE SYSTEM WILL ALLOW MONITOR DEFORESTATION AND ECOSYSTEM INTEGRITY AFTER THIS EVENT.

## CONANP is advancing in implementing the Strategic Financial Action Plan for achieving financial sustainability:

- Public finance mechanism
- Integration of ecosystem services values in national accounting systems
- Private sector engagement initiative
- Result based budgeting
- Valuation of protected areas' ecosystem services
- Increased budget from diverse sources (public, private, international and social)

**Financial  
Sustainability**

**Institutional  
Effectiveness**

**Conservation  
Economics**

**Mainstreaming**



# AICHI TARGET 11: LINKAGES AND PROGRESS WITH OTHER TARGETS



Relationship and  
Progress within PA

●

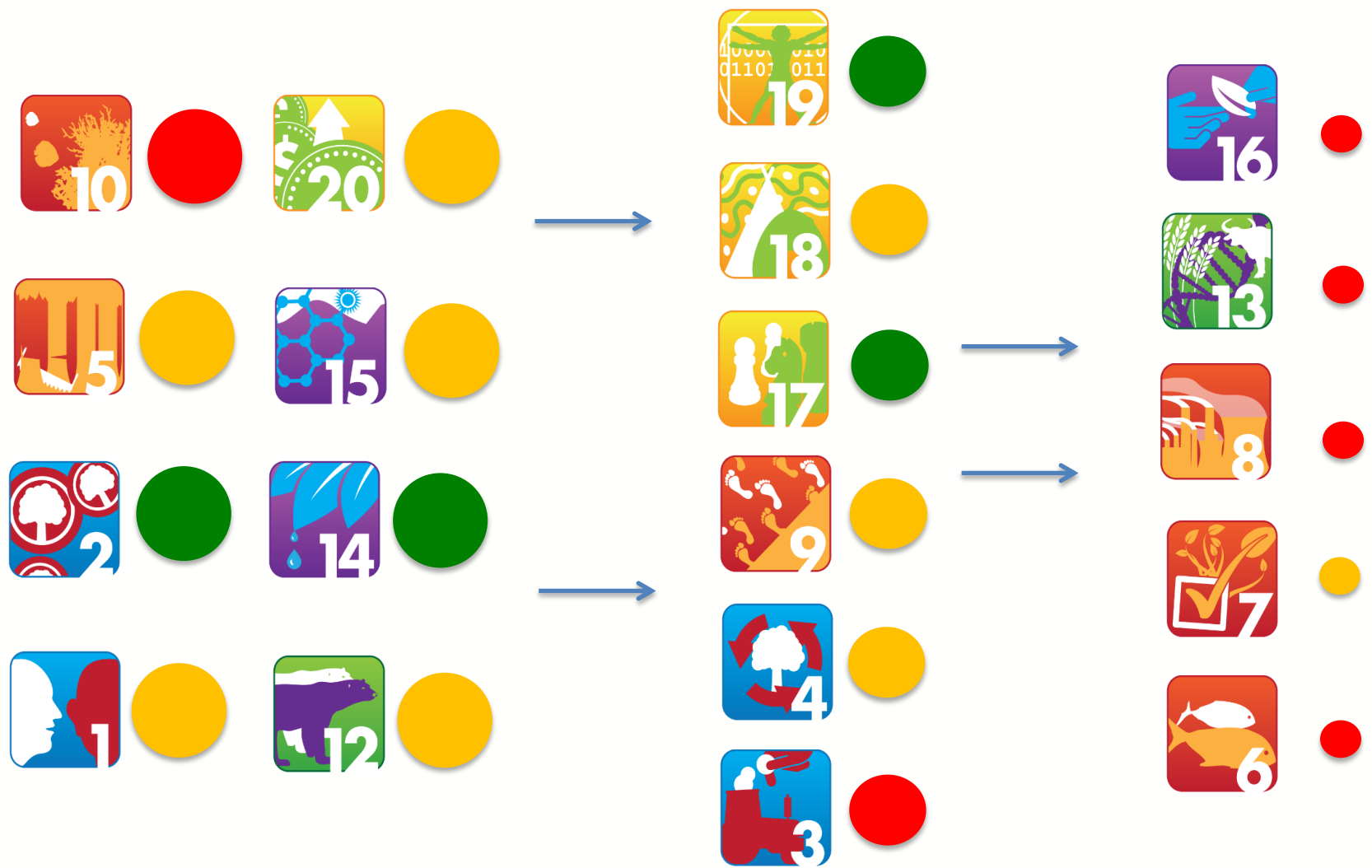
 Significant progress

●

 Activities fully underway

●

 Limited progress



# AICHI TARGET 11: LINKAGES WITH SDG'S

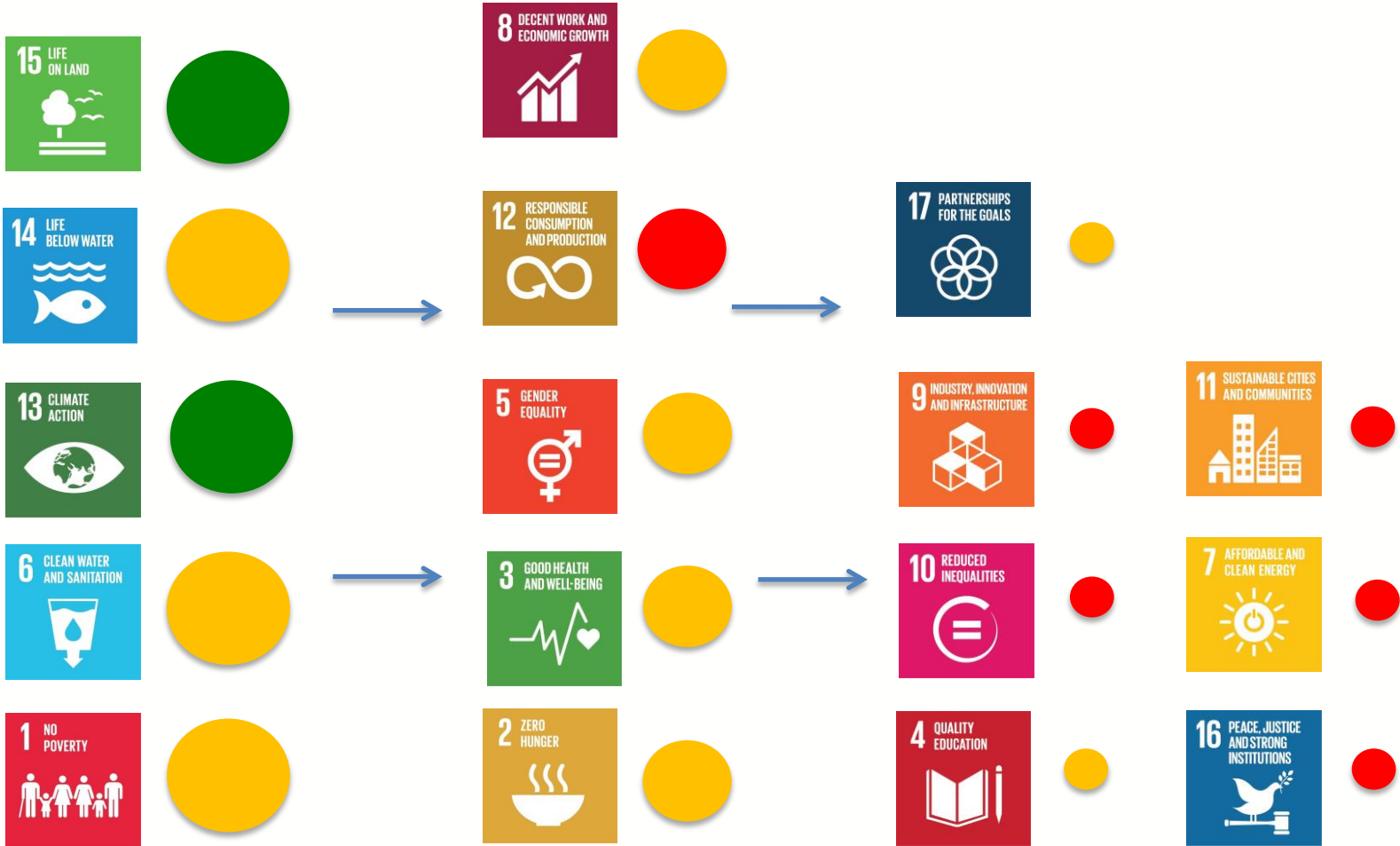


Relationship and  
Progress within PA

Significant progress

Activities fully underway

Limited progress





## AICHI TARGET 12:

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- Implementation of 45 Endangered species conservation and reintroduction plans (PACE) found in 177 protected areas:
  - Bison
  - Red and green macaw
  - California condor
  - Pronghorn
  - Grey whale
  - Jaguar
  - 6 species of marine turtles
  - Mexican grey wolf
  - Golden eagle
  - Vaquita porpoise
  - Black bear
- National strategy for invasive species (control and eradication)
- International cooperation for species conservation (USA and Canada)
- Engagement of communities and society in monitoring, surveillance and conservation



## PROTECTED AREAS ARE:

- Ideal environmental policy instruments to align cross-sectorial investments in the territory - **Mainstreaming**
- A source for food security and water provision – **Well-being**
- Key sites to increase mitigation and adaptation to climate change – **Resiliency**
- Instruments for fostering governance in indigenous communities – **Social cohesion**

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- Biodiversity hotspots to sustain the provision of ecosystem services for cities and communities – **Natural capital**
- Fundamental to diversify economic activities, and thus ensuring quality livelihoods and decent work – **Poverty eradication**
- **A fundamental instrument for sustainable and inclusive development**



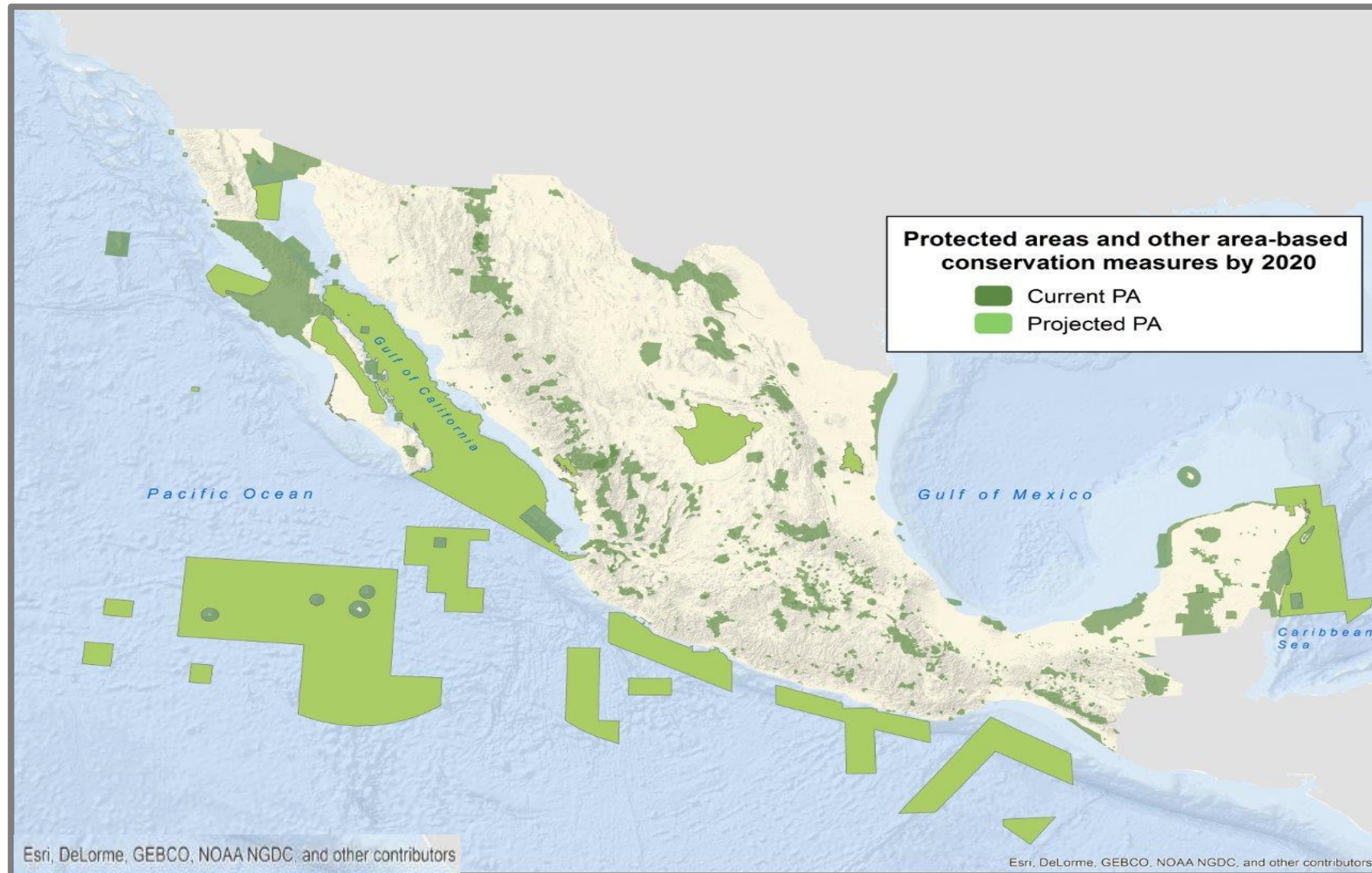
# PROTECTED AREAS AND OTHER AREA-BASED CONSERVATION MEASURES

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# COP13-COPMOP8-COPMOP2 CANCÚN, MÉXICO 2016



INTEGRANDO LA BIODIVERSIDAD PARA EL BIENESTAR  
CONVENIO SOBRE LA DIVERSIDAD BIOLÓGICA