

# MADREAN PINE-OAK WOODLANDS

551,818 km<sup>2</sup>

## BIODIVERSITY TARGET

2020 TARGET: 17% protected



2015: 14.5% PROTECTED

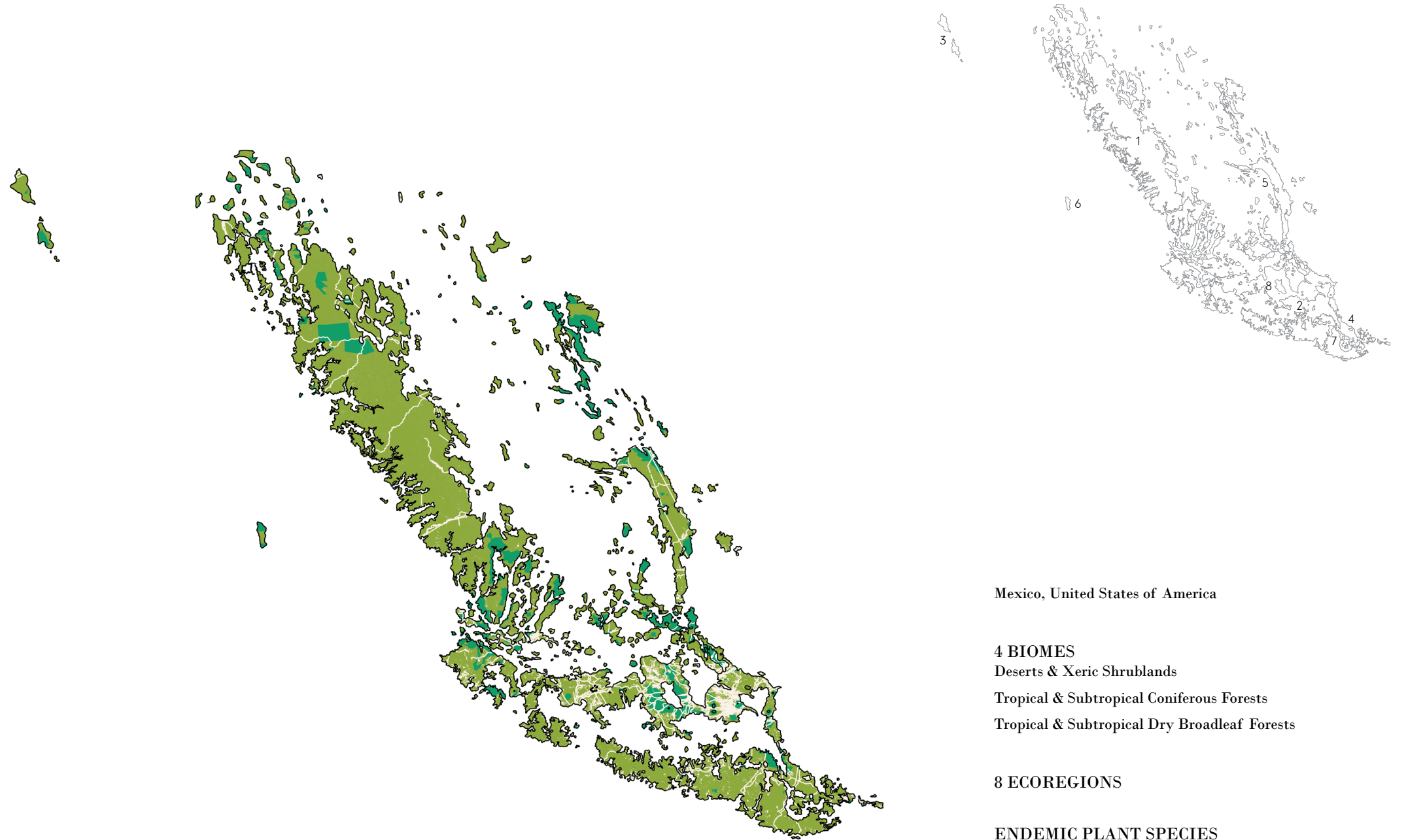
.5% I-IV  
.1% V-VI  
13.9% NA

- Madrean Pine-Oak Woodlands Hotspot
- Neighboring Hotspot
- Protected Area (IUCN Category I-IV)
- Protected Area (IUCN Category V-VI)
- Protected Area (IUCN Category NA)
- Urban Area
- Agriculture (0-100% landuse)
- Roads
- Railroads



# MADREAN PINE-OAK WOODLANDS ECOREGIONS

Shortfall Assessment to reach Target of 17% protected land in each terrestrial ecoregion



Mexico, United States of America

## 4 BIOMES

Deserts & Xeric Shrublands

Tropical & Subtropical Coniferous Forests

Tropical & Subtropical Dry Broadleaf Forests

## 8 ECOREGIONS

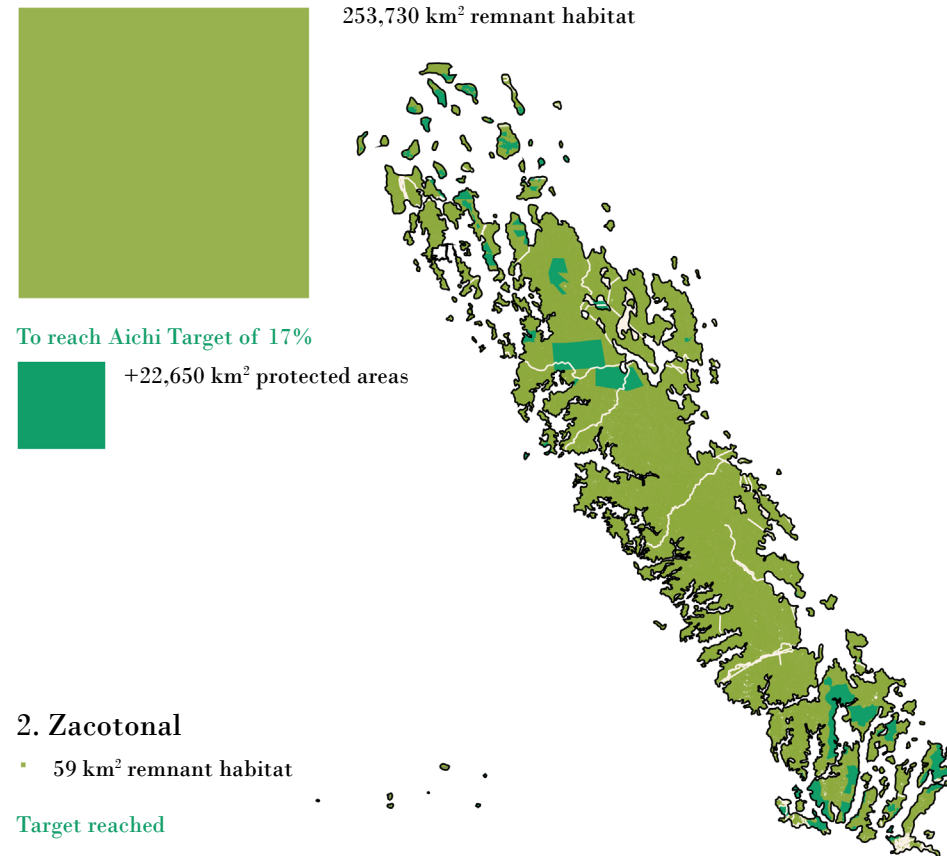
### ENDEMIC PLANT SPECIES

3,975

### ENDEMIC ANIMAL SPECIES

133

### 1. Sierra Madre Occidental Pine-Oak Forests



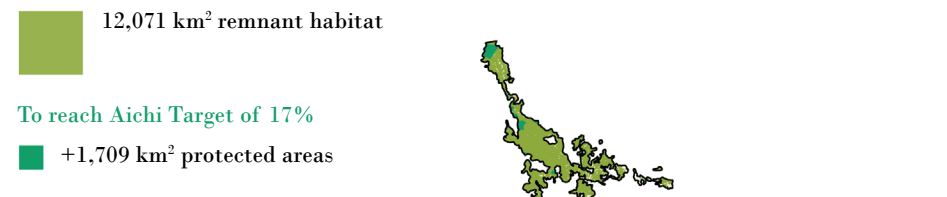
### 2. Zacatonal



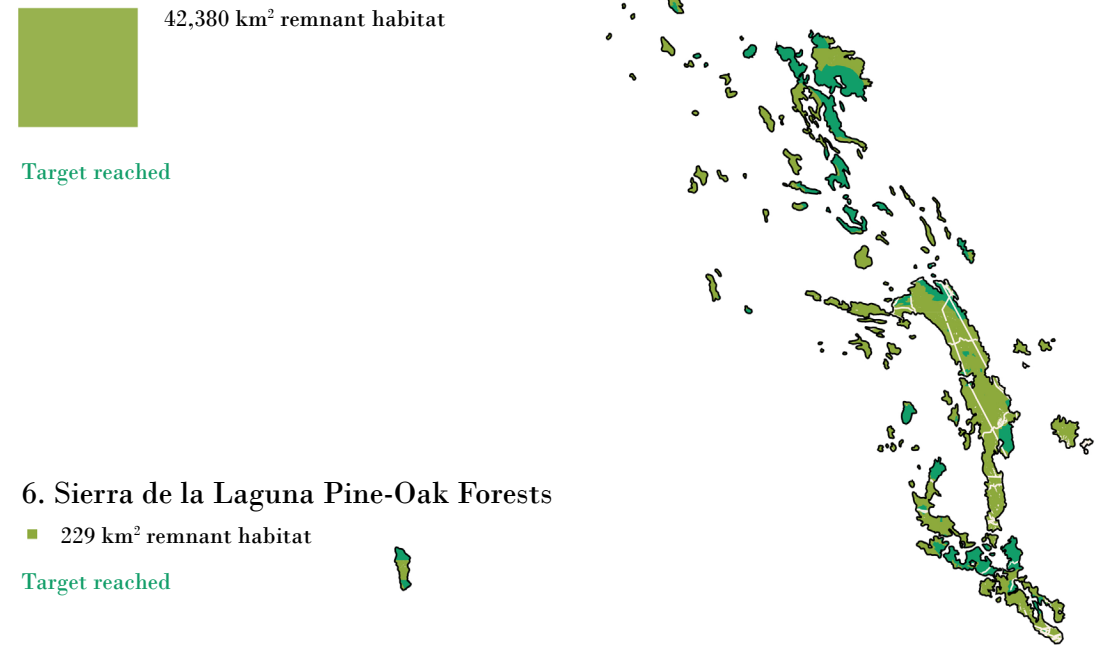
### 3. Sierra Juarez & San Pedro Martir Pine-Oak Forests



### 4. Sierra Madre de Oaxaca Pine-Oak Forests



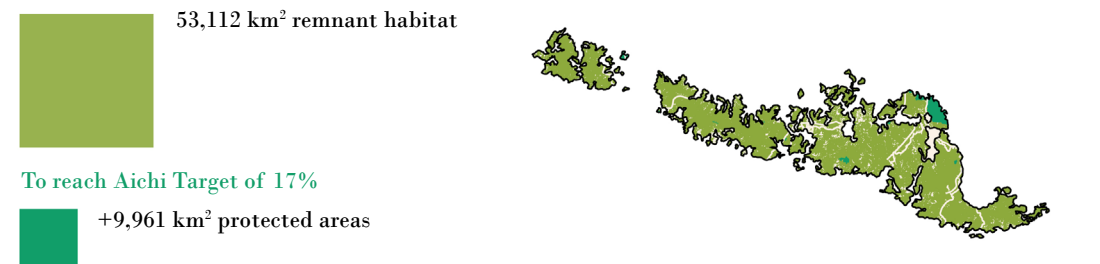
### 5. Sierra Madre Oriental Pine-Oak Forests



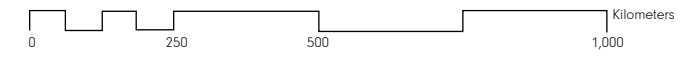
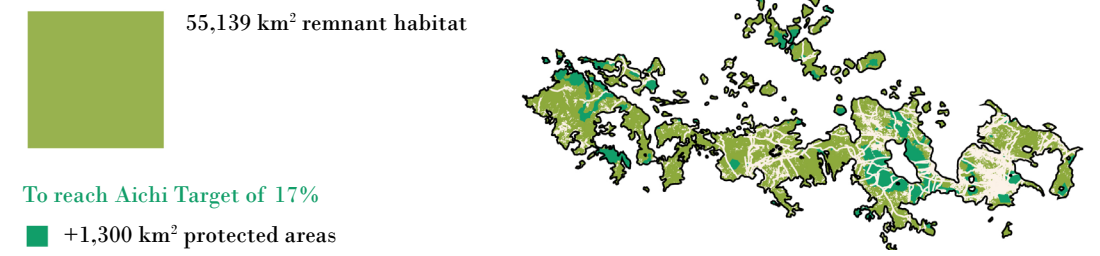
### 6. Sierra de la Laguna Pine-Oak Forests



### 7. Sierra Madre del Sur Pine-Oak Forests



### 8. Trans-Mexicano Volcanic Belt Pine-Oak Forests



# MADREAN PINE-OAK WOODLANDS | CONFLICTS

Conflicts between 2030 projected urban growth areas and threatened species habitats



31,017,000 Population

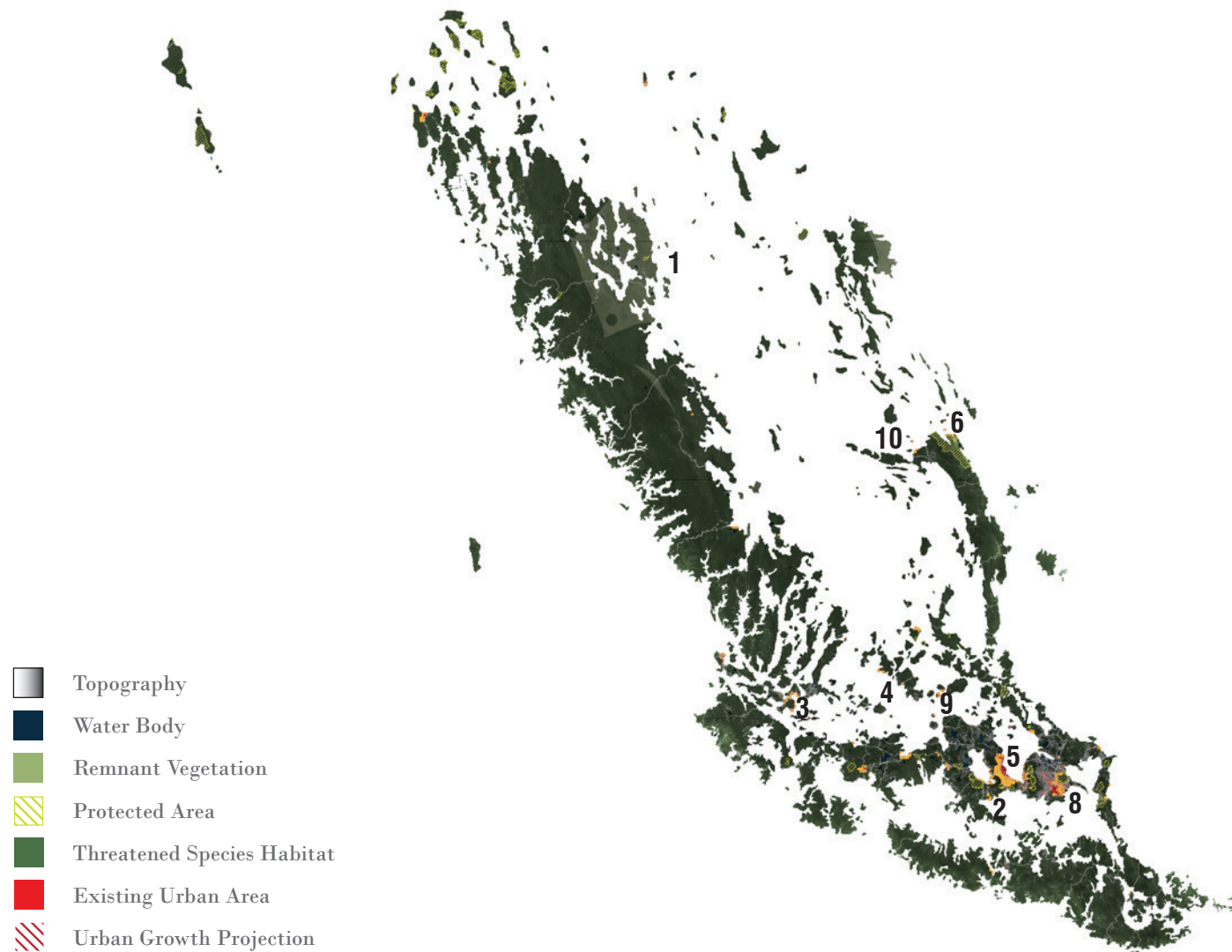
2015 URBAN POPULATION

36,144,000  
2030 URBAN POPULATION

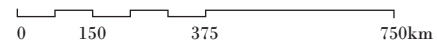
198  
THREATENED SPECIES

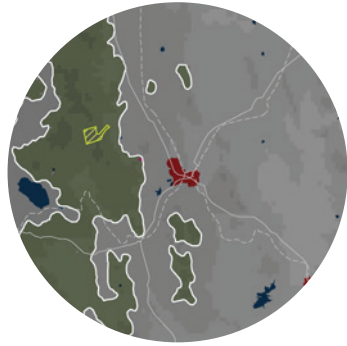
MAJOR CROPS  
maize, sugar cane, beans, coffee

BIODIVERSITY THREATS  
Logging  
Hydropowered Dams  
Overgrazing



- Topography
- Water Body
- Remnant Vegetation
- Protected Area
- Threatened Species Habitat
- Existing Urban Area
- Urban Growth Projection
- Conflict Zone
- Extreme Conflict Zone





### 1. CHIHUAHUA, MEXICO

POPULATION PROJECTIONS:

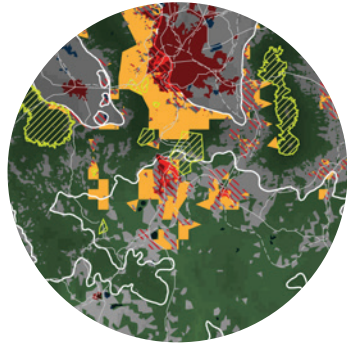
<u>2015:</u>	<u>2030:</u>
941,000	1,173,000



### 5. MEXICO CITY, MEXICO

POPULATION PROJECTIONS:

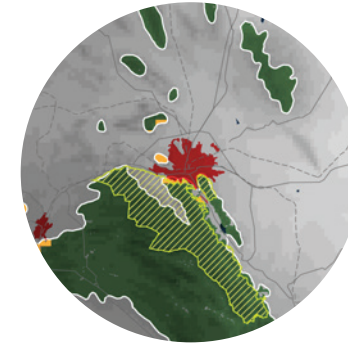
<u>2015:</u>	<u>2030:</u>
20,999,000	23,865,000



### 2. CUERNAVACA, MEXICO

POPULATION PROJECTIONS:

<u>2015:</u>	<u>2030:</u>
993,000	1,211,000



### 6. MONTERREY, MEXICO

POPULATION PROJECTIONS:

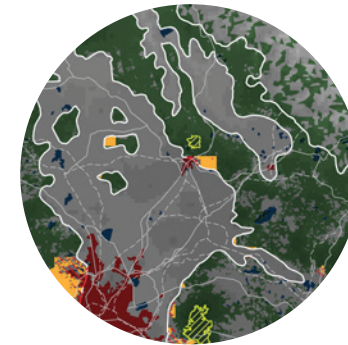
<u>2015:</u>	<u>2030:</u>
4,513,000	5,471,000



### 3. GUADALAJARA, MEXICO

POPULATION PROJECTIONS:

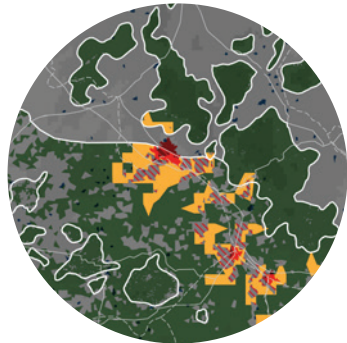
<u>2015:</u>	<u>2030:</u>
4,843,000	5,837,000



### 7. PACHUCA DE SOTO, MEXICO

POPULATION PROJECTIONS:

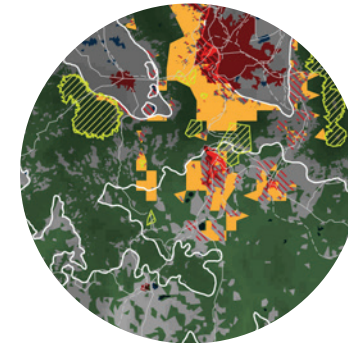
<u>2015:</u>	<u>2030:</u>
596,000	781,000



### 4. LEON DE LOS ALDAMA, MEXICO

POPULATION PROJECTIONS:

<u>2015:</u>	<u>2030:</u>
1,807,000	2,260,000



### 8. PUEBLA, MEXICO

POPULATION PROJECTIONS:

<u>2015:</u>	<u>2030:</u>
2,984,000	3,628,000

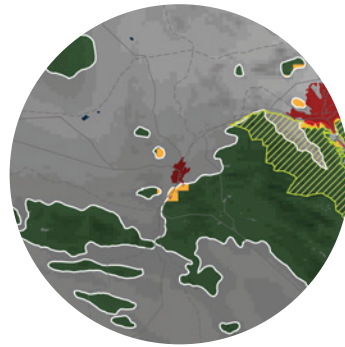
-  Topography
-  Water Body
-  Remnant Vegetation
-  Protected Area
-  Threatened Species Habitat
-  Existing Urban Area
-  Urban Growth Projection
-  Conflict Zone
-  Extreme Conflict Zone



### 9. QUERETARO, MEXICO

POPULATION PROJECTIONS:

<u>2015:</u>	<u>2030:</u>
1,267,000	1,630,000



### 10. SALTILLO, MEXICO

POPULATION PROJECTIONS:

<u>2015:</u>	<u>2030:</u>
932,000	1,187,000

-  Topography
-  Water Body
-  Remnant Vegetation
-  Protected Area
-  Threatened Species Habitat
-  Existing Urban Area
-  Urban Growth Projection
-  Conflict Zone
-  Extreme Conflict Zone