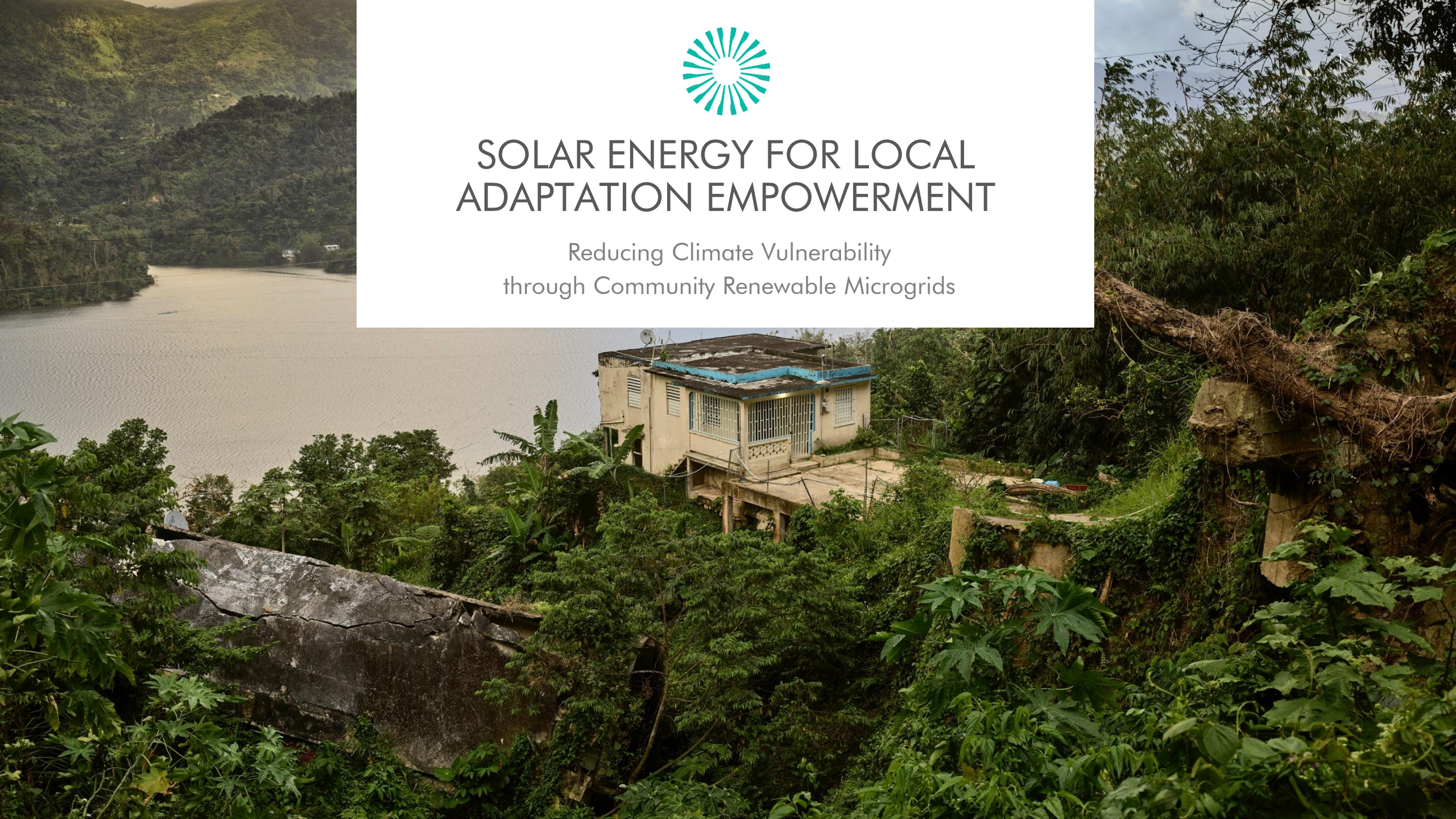




SOLAR ENERGY FOR LOCAL ADAPTATION EMPOWERMENT

Reducing Climate Vulnerability
through Community Renewable Microgrids



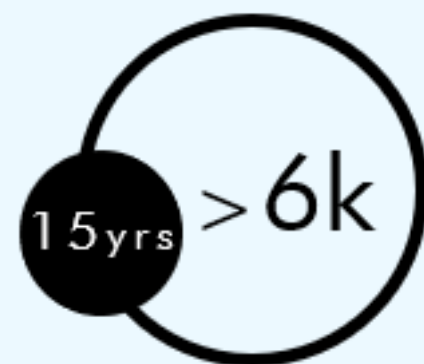
SMALL ISLANDS IN THE CARIBBEAN OUR HAZARDS



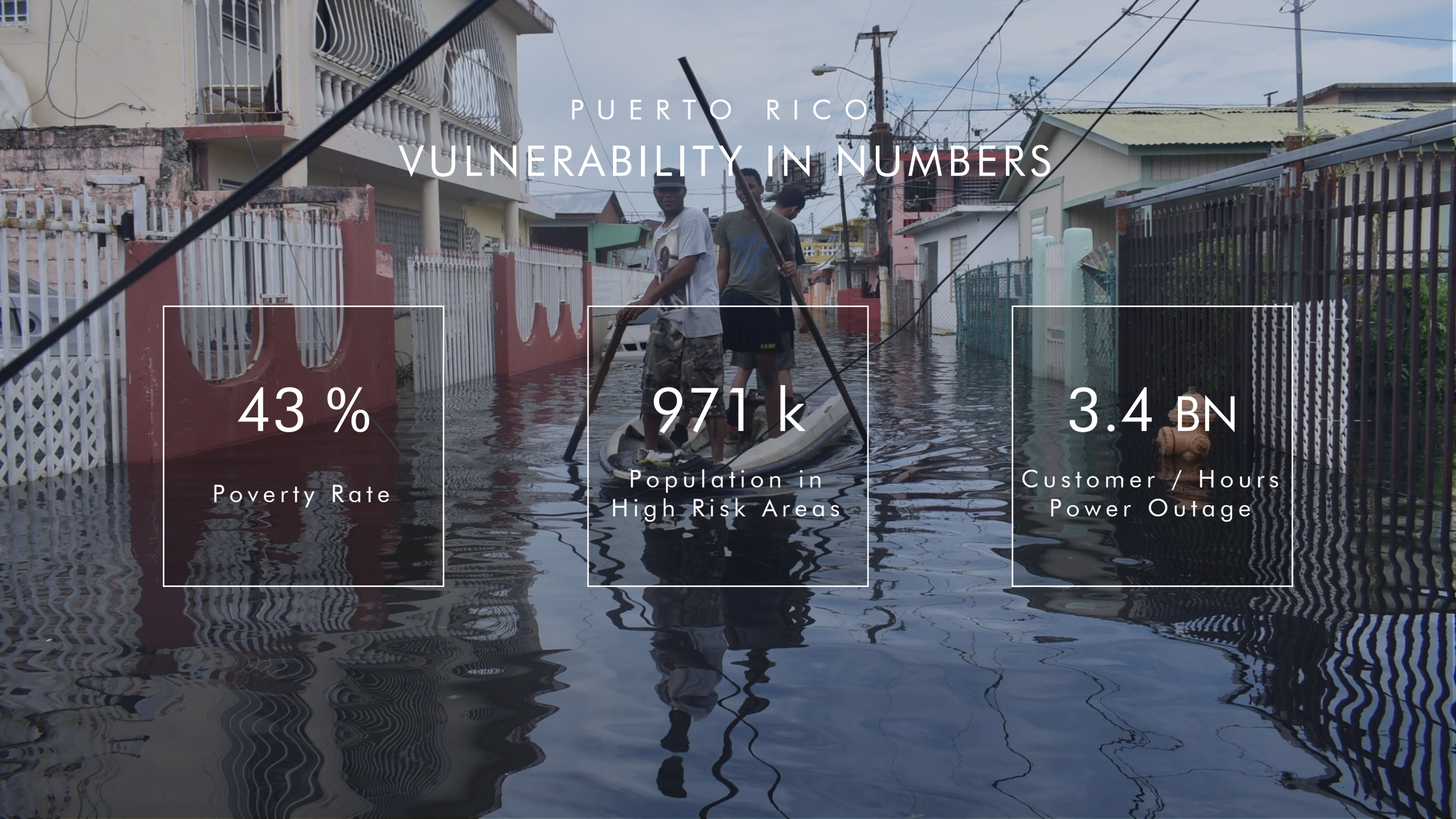
HURRICANES



DAMAGES



DEATHS



PUERTO RICO VULNERABILITY IN NUMBERS

43 %

Poverty Rate

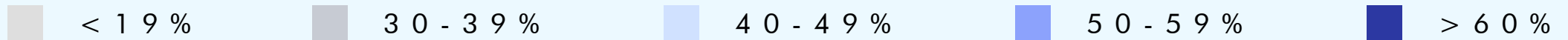
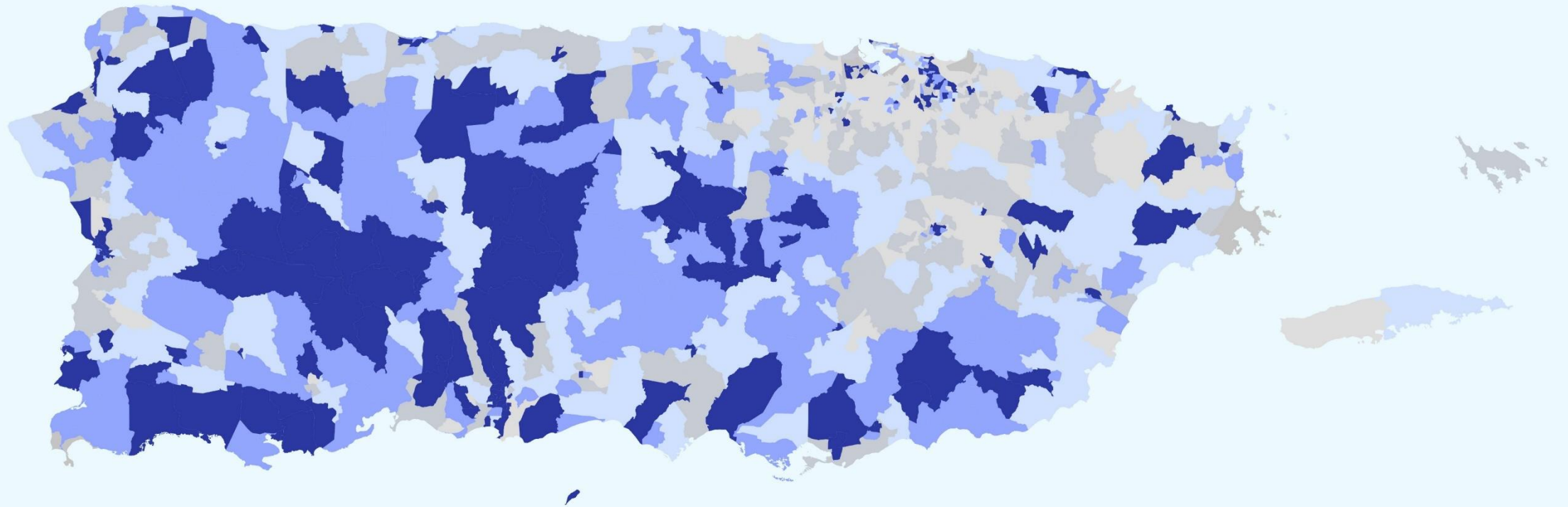
971 k

Population in
High Risk Areas

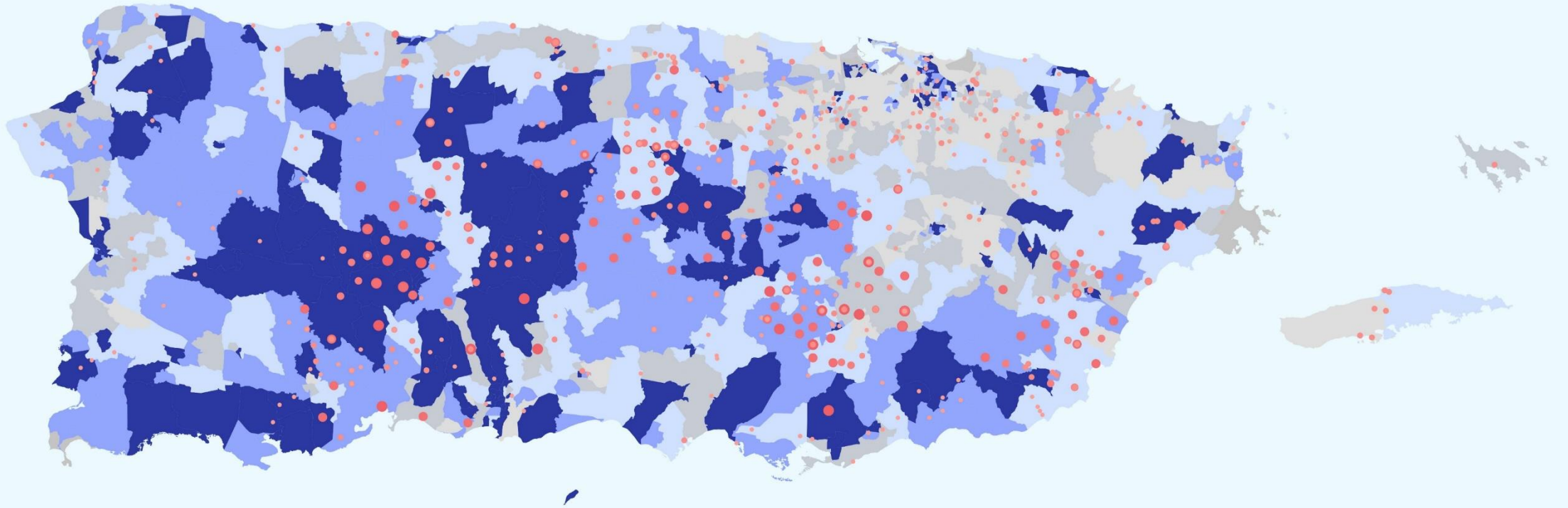
3.4 BN

Customer / Hours
Power Outage

PUERTO RICO POVERTY RATE BY CT'S



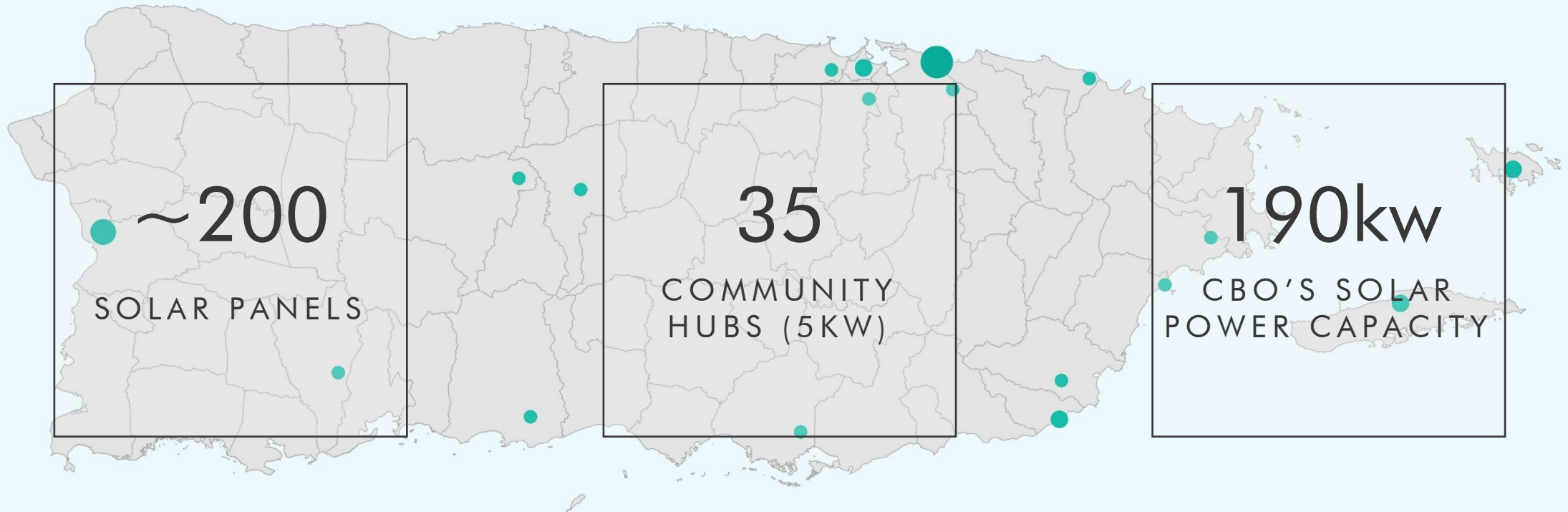
PUERTO RICO POWER RESTORATION



+41 weeks

RESILIENT POWER PUERTO RICO

SOLAR ENERGY IMPACT



RESILIENT POWER PUERTO RICO FACILITATE AND REPLICATE

CBO'S

16

Solar Energy
Incubation

kw

405

Generation
Capacity

wrks

8

Community
Adaptation



Marcelina Juarez Rivera
02/15/2020
Ara, Habichuelas & Pastas

Community Health Clinics &
Post-Disaster Management Hub

COSSAO, UTUADO



Ecological Agroculture
Farmer's Collective

SIEMBRA TRES VIDAS, AIBONITO



Independence from the Centralized
Fossil-fueled power grid

REDUCE EXPOSURE



Continuity of Services for
Underserved Groups & Communities

DECREASE SENSITIVITY



Local Control of Resources to
Recover, Rebuild and Adapt

STRENGTHEN ADAPTIVE CAPACITY



Solar Energy for Local Adaptation Empowerment