

Salt Management Strategies to Revitalize **THE SALTON SEA**



SALTON SEA AUTHORITY

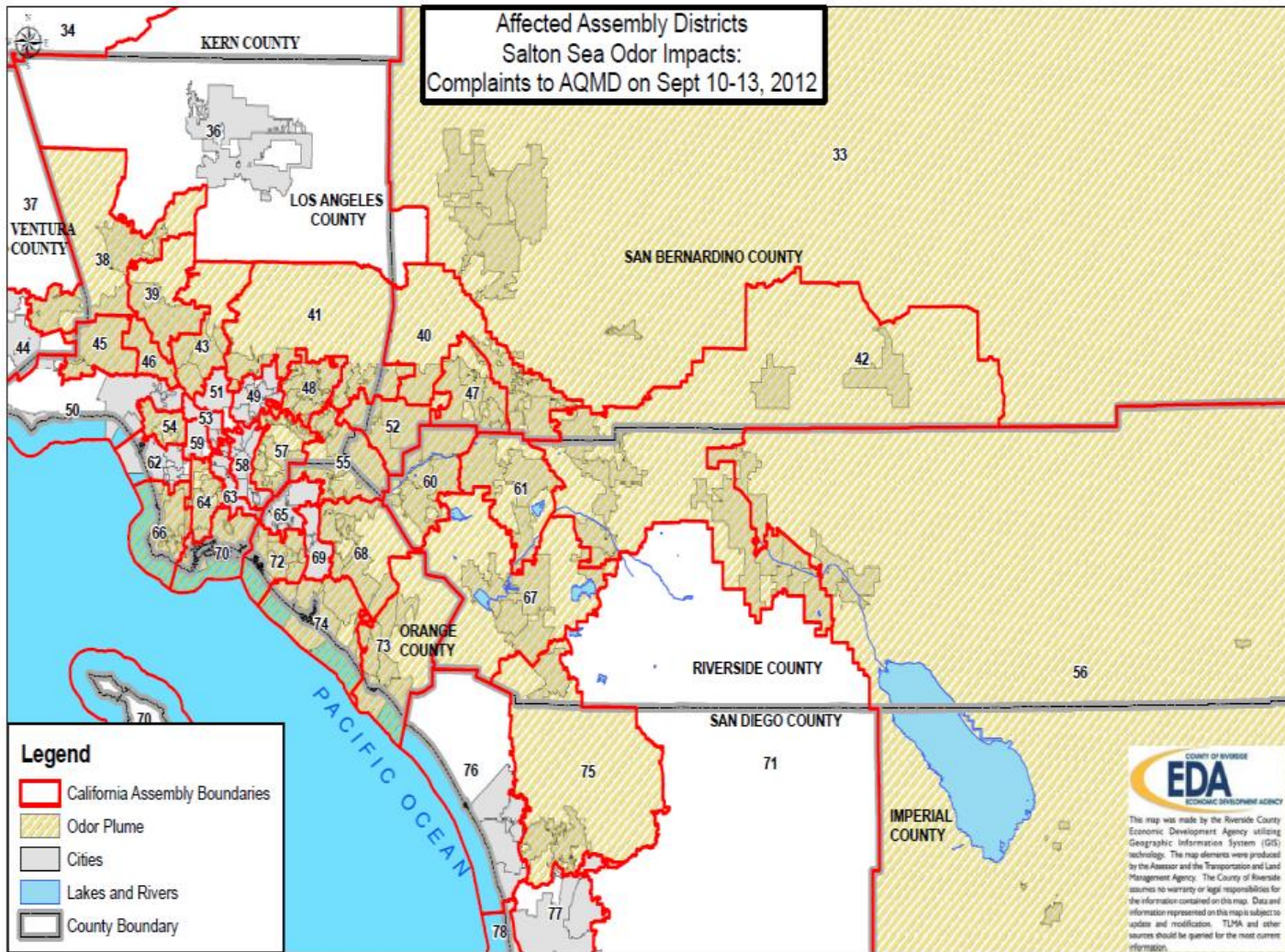
- What is the SSA? Who are the members?
- When was it created, and by whom?
- Why was it created and what is its mission?



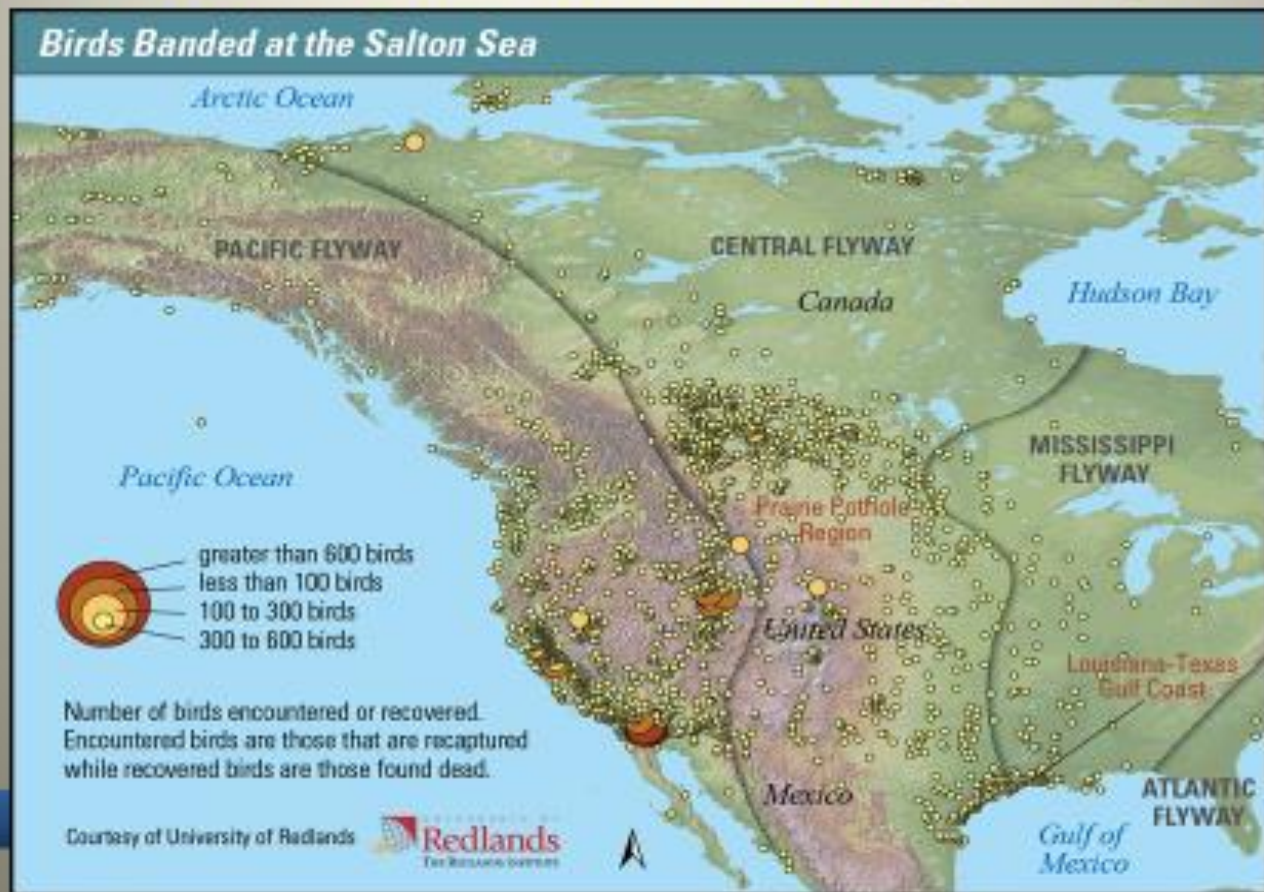
CHALLENGES & OPPORTUNITIES

- **H**uman Health impacted by Air Quality
- **H**abitat loss impacting Pacific Flyway
- **O**pportunities: Renewable Energy, Recreation

Affected Assembly Districts
 Salton Sea Odor Impacts:
 Complaints to AQMD on Sept 10-13, 2012



Habitat value of Salton Sea: Migratory Birds



STATUS OF THE SALTON SEA

- Status Quo is a NO GO: Rising Salt, Lowering Water = declining ecology & economy for the Southwestern US
- North America's largest and most diverse migratory bird habitat outside the Everglades
- Salinity approaching 2 x ocean
- Algae blooms in Sea occasionally kill fish
- Water transfers in 2017: reduced inflow
- Less inflow: shoreline will shrink
- Exposure of nearly 100 sq miles of playa
- Air quality decline: odors and dust



DO NOTHING SCENARIO

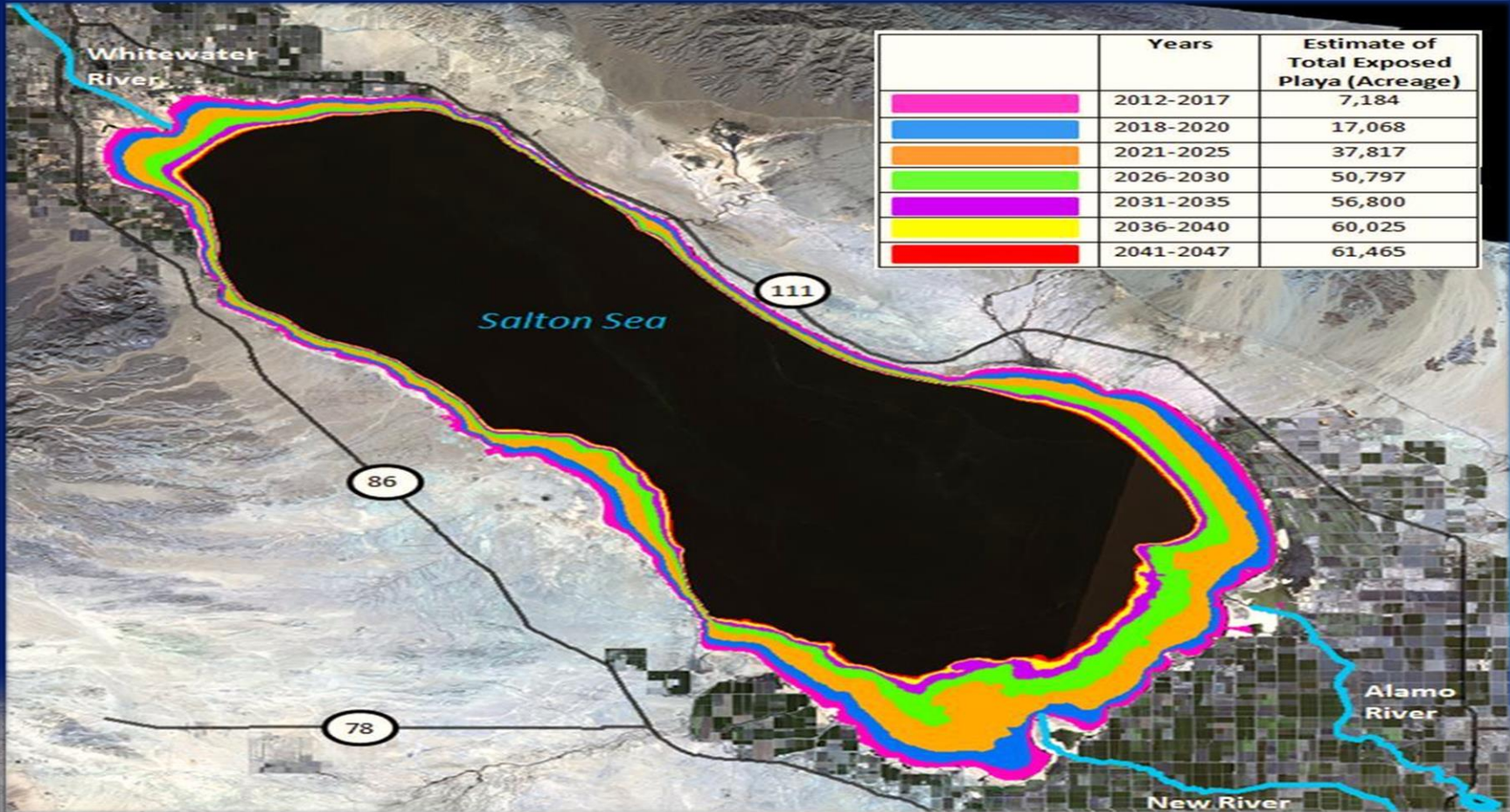
\$70 Billion in Damages

“The most costly and irresponsible of all options”

DO NOTHING SCENARIO



ESTIMATED TOTAL PLAYA EXPOSURE



SIGNIFICANT PROGRESS AT THE SEA

- Breakthroughs in cooperation
- Governance clarified
- Policy enhanced
- Funding expansion



GOVERNANCE: AB 71 (PEREZ)

Governor and Legislature direct the Ca Natural Resources Agency to work in Cooperation and Consultation with the Salton Sea Authority on matters pertaining to Salton Sea revitalization.

IMPROVED TRUST = LEGISLATIVE SUPPORT

- Funding
 - State \$\$
 - Prop 1: \$80.5 M
 - Prop 68: \$200 M
 - Federal \$\$
 - Dept of Ag :\$9 M
 - Army Corps: \$30 M
- SAVINGS: Construction \$ and Time
 - Dam Safety considerations
 - Design-Build capability for Sea projects



SALTON SEA MANGMENT PROGRAM 10 YEAR PLAN

- Realistic, Feasible, Actionable
- Salt Management: Catch inflow
- Shovel ready projects, real funding
- Not perfect or complete, but good first step



SSA DELIVERS FIRST STATE-FUNDED PROJECT EVER COMPLETED AT SALTON SEA

- **Completed by Salton Sea Authority**
 - On Time
 - Under Budget
 - Contracted with state
 - In partnership with Torres Martinez Tribe

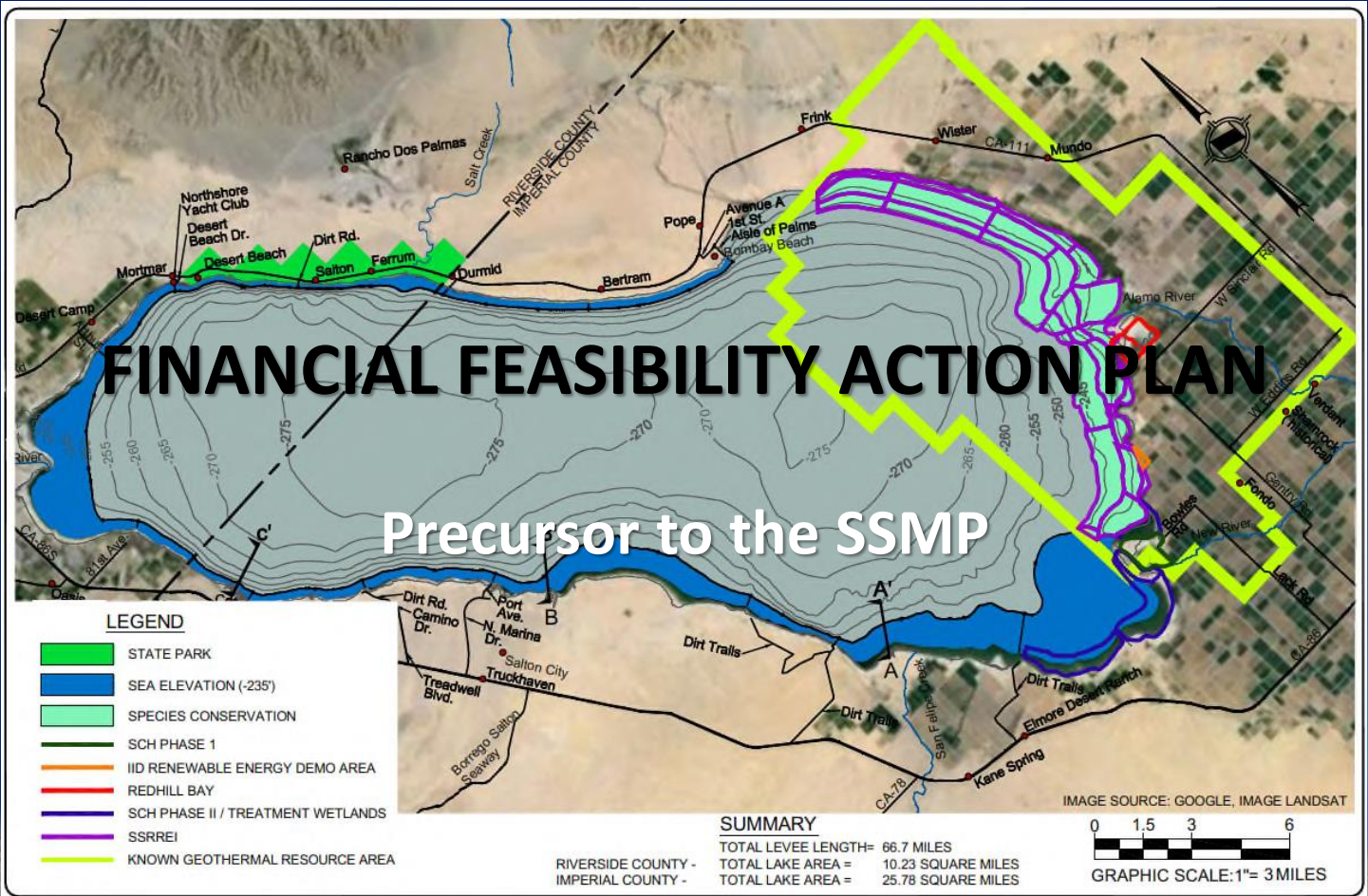


STABLE SHORELINE = MULTIPLE BENEFITS

- **SSMP 10-year plan:**
 - Goal: Smaller sustainable sea
 - State obligation: AQ, Habitat
 - Local benefits:
 - Recreation
 - Renewable Energy
 - Protects up to 30,000 acres of potentially emissive playa



Historic MOU for cooperative land use planning to develop a Perimeter Lake



NEAR-TERM DESIGN & CONSTRUCTION

- **Current projects**
 - SSA/Torres Martinez Wetland
 - Phase 2 Expansion
 - Red Hill Bay
 - New River East - (SCH)
- **Proposed 2020**
 - New River West
 - Whitewater River



NEW SOURCES OF FUNDING

- State Bonds
- Federal Approps
- Local – EIFD**



INFRASTRUCTURE FINANCING DISTRICTS (IFD)

- **NOT a new tax**
- **NOT a change in tax rate**
- **Leverages existing local property tax**
- **Requires a defined project providing clear benefits**





For more information please visit: <http://saltonseaaauthority.org/>