

# LAX Sound Insulation Programs Status Update

Presented to LAX/Community Noise Roundtable  
January 20, 2021

# Sound Insulation Grant Program

Largest sound insulation program in the country

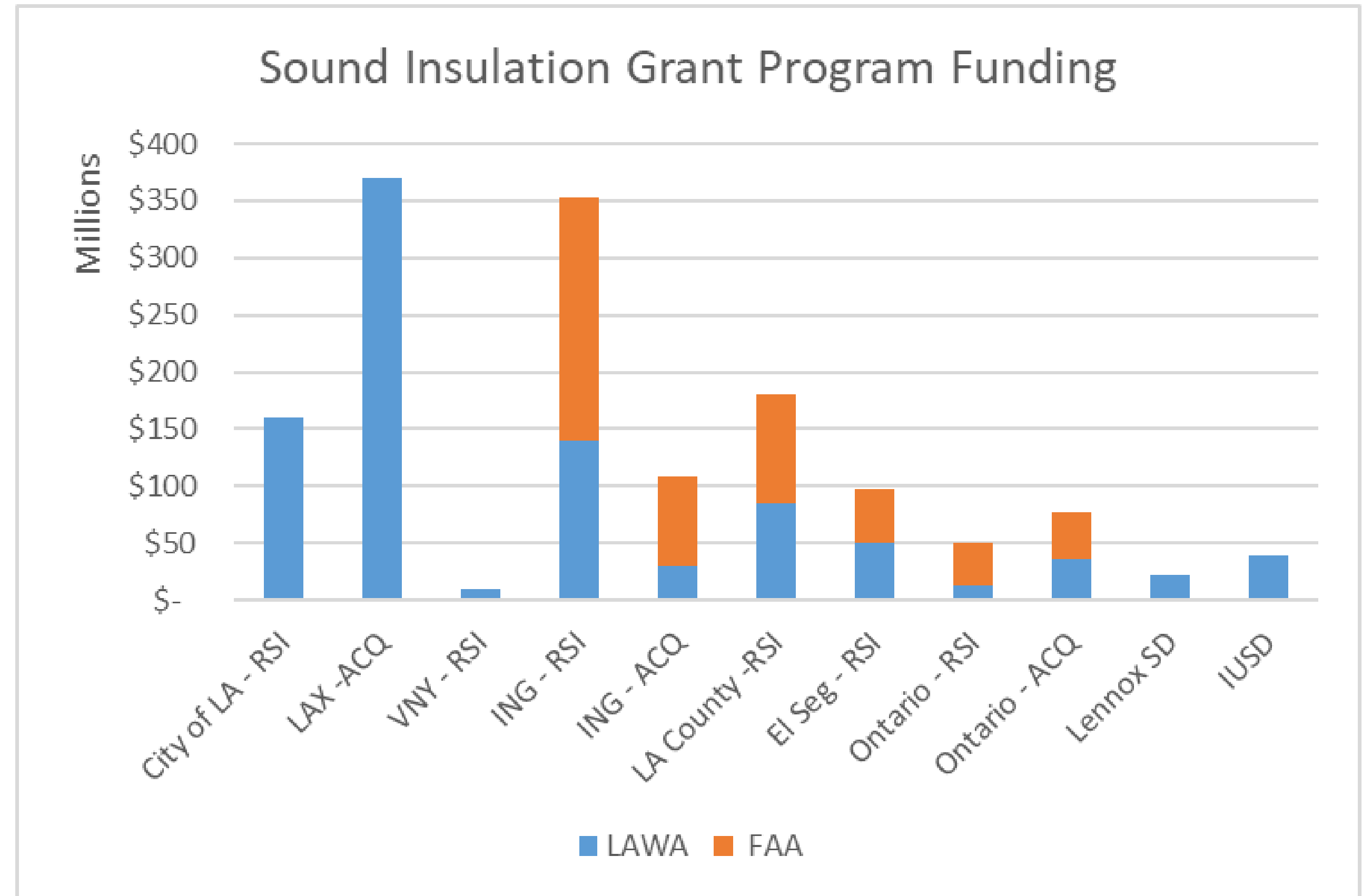
- Nearly \$1.5 billion in expenditures to date

Program includes:

- Residential Sound Insulation (RSI)
- School Sound Insulation (SSI)

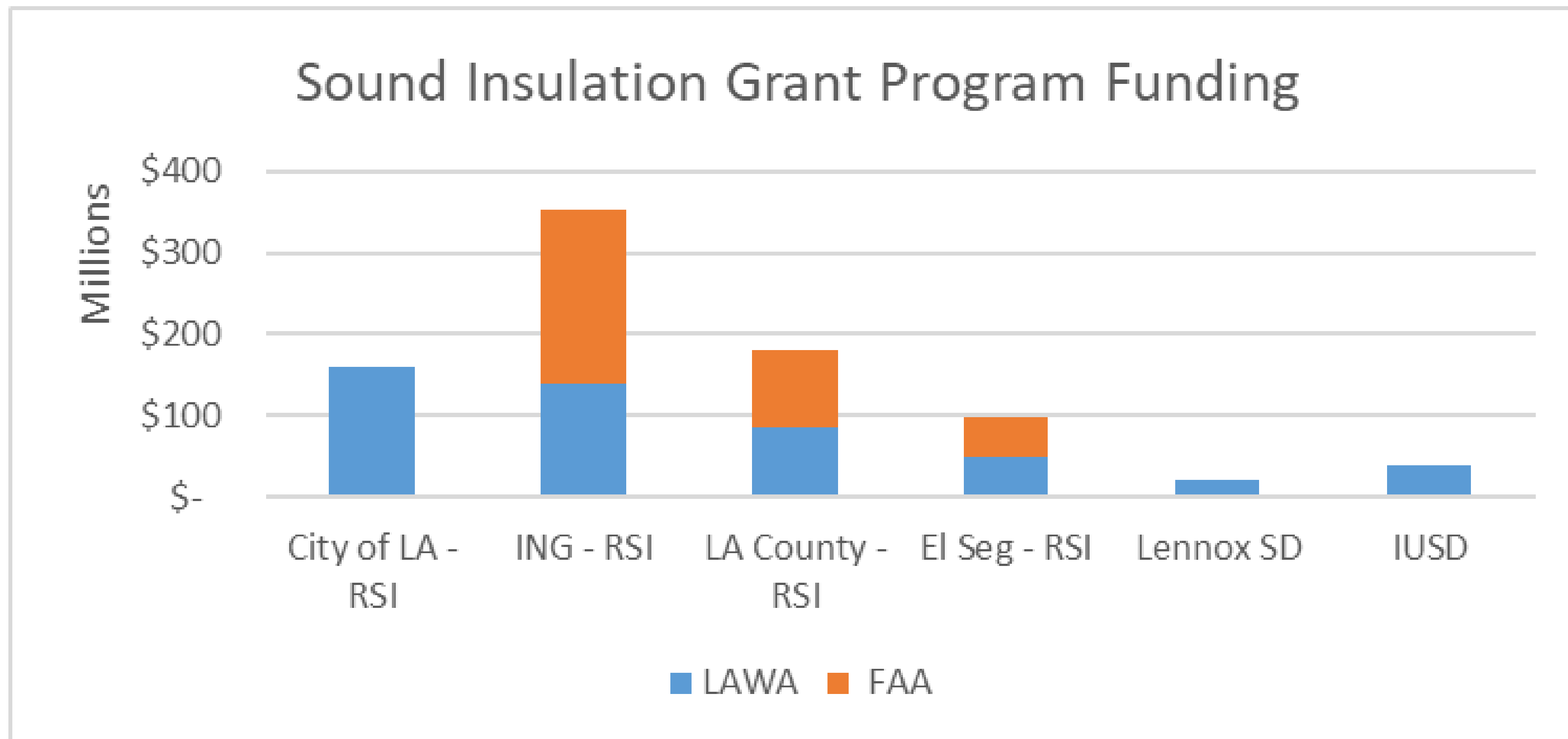
LAWA completed Ontario and Van Nuys sound insulation programs

Property Acquisition programs implemented by City of Inglewood and City of Los Angeles



# LAX Sound Insulation Grant Program Funding

- Over \$850 million provided (LAWA 58%, FAA 42%) to sound insulate over 21,000 dwelling units
- Over \$60 million spent to sound insulate 10 schools to date
- Program's current working Capital is \$125 million





# Residential Sound Insulation Program

Provides sound insulation for eligible residences within an FAA Approved Part 150 Noise Compatibility Program (NCP)

## Eligibility Criteria:

- Inside 65 dB noise contour of an FAA Approved Noise Exposure Map – 2020 NEM
- Average interior noise level of 45 dB or greater
- Built before October 1, 1998

## Typical Treatments:

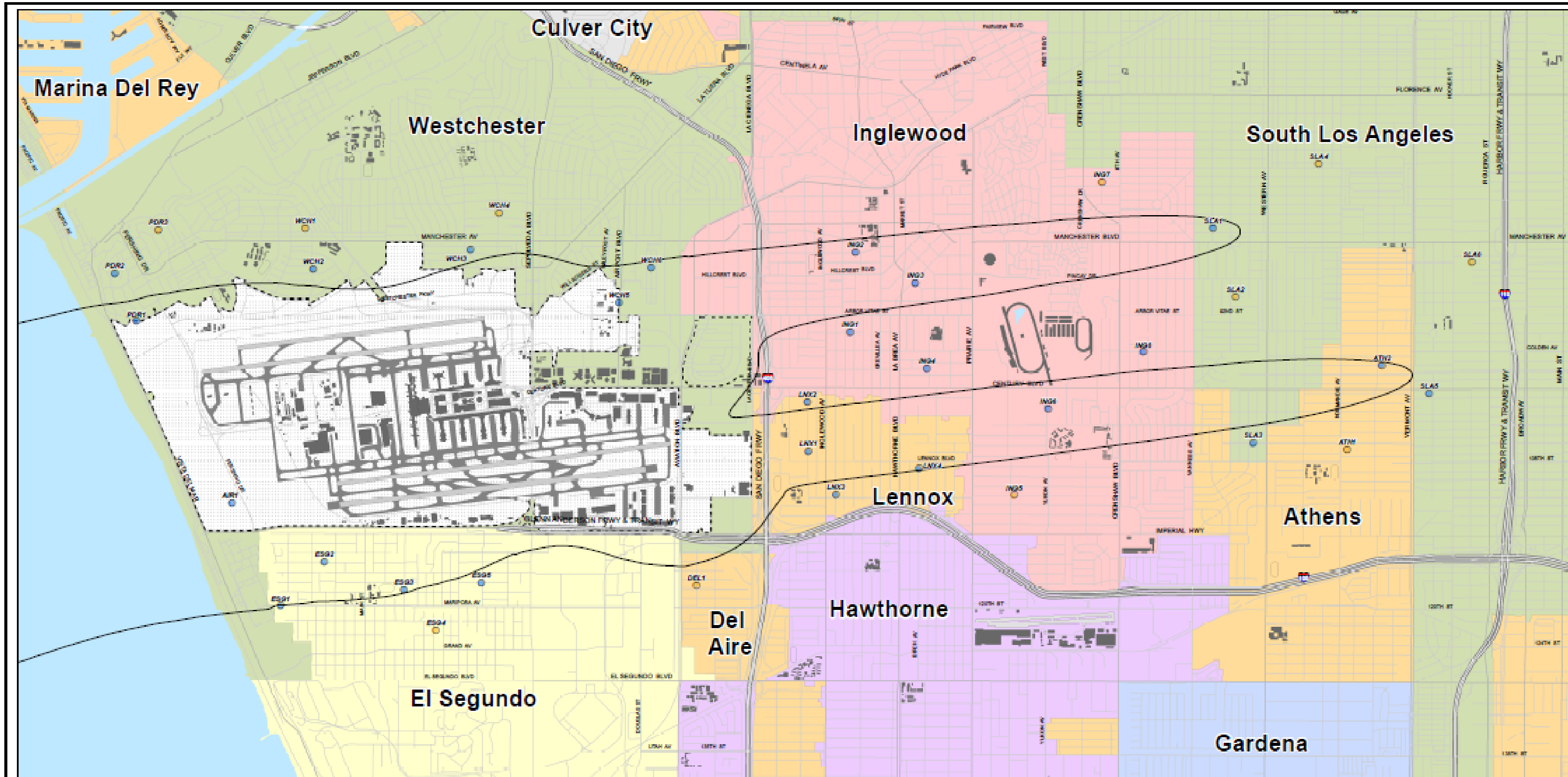
- Replacement of windows and doors (including hardware and weather-stripping)
- Positive ventilation system/air conditioning

Goal: average interior noise level below 45 dB and a noise level reduction of 5 dB or more





# Program Boundary – 2020 NEM



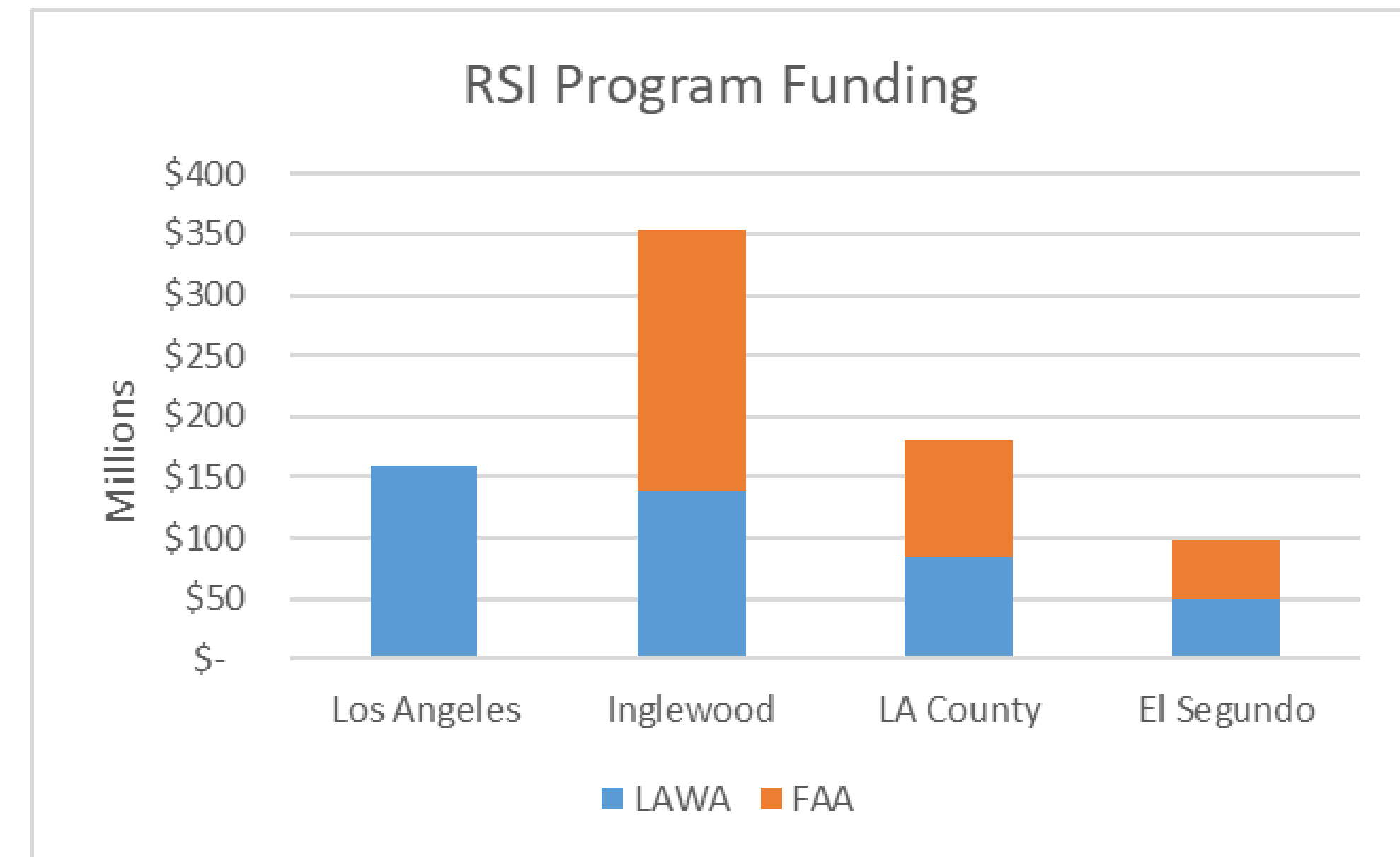
NEM 2020 CONTOUR

<b>Legend</b>			<p>Los Angeles World Airports Los Angeles International Airport</p>	
Streets	NEM 2020 65 dB CNEL Contour			<p>LAWA Noise Management Environmental Affairs Officer: Kathryn Pasola Checked by: Dan H. Young, Environmental Supervisor II Prepared by: James C. Duragan III, Environmental Specialist II Prepared on: February 22, 2016</p>
Landmarks	Noise Monitor (Required for Title 21)			
Airport Property	Noise Monitor (Not required for Title 21)			

# Residential Sound Insulation Programs

## RSI Programs:

- City of Los Angeles: 1992 – 2014 (closed - 7,327 units completed)
  - City of Inglewood: 1997 – Present
  - County of Los Angeles: 1992 – Present
  - City of El Segundo: 1992 – 2018 (City administered program terminated)
- FAA and LAWA provide funding
  - Follow FAA Part 150 Requirements
  - LAWA has financial and technical oversight
  - Each jurisdiction implements their own RSI Program at their own pace



Jurisdiction	Completed Units	Remaining Units
City of Inglewood	7,739	3,417
County of Los Angeles	4,356	2,481
City of El Segundo	1,943	1,282
<b>Total</b>	<b>21,365</b>	<b>7,674</b>





# School Sound Insulation Program

Provides sound insulation for eligible schools:

- Public Law 110-337 (2008)
- FAA Approved PFC Application
- FAA Approved Noise Exposure Map

Typical Treatments:

- Replacement of doors and new threshold
- Replacement of windows, including new windows where wood replacement or drywall-blocked windows currently exist
- Exterior wall insulation and interior sound panels as needed
- Mechanical system upgrades (HVAC/PVS)





# School Sound Insulation Program

## SSI Programs:

- Lennox School District: 2011 - Present
- Inglewood Unified School District: 2014 - Present
- Funding provided per 2005 settlement agreements
- LAWA provides PFC funding
- LAWA provides funds in tranches up to \$10 million
- LAWA has financial and technical oversight
- Each school district implements their own Program



School District	FAA Approved Budget	Expenditures to Date	Estimated Completion Cost
Lennox	\$ 34,089,058	\$ 20,241,582	\$ 23,200,000
Inglewood	\$ 44,378,659	\$ 40,000,000	\$ 44,378,659



# Schools Sound Insulation Program Status

## Lennox School District:

- Program complete
- 6 schools sound insulated
- Program reconciliation and close out is in process
- Over 4,300 students benefit annually

## Inglewood Unified School District:

- 2 schools – 100% complete
- 2 schools – 75% complete
- Over 2,500 students benefit annually
- \$22 million in PFC funding for Inglewood High School is under FAA review



# Sound Insulation Program Next Steps

## Residential

### Inglewood RSI

- City of Inglewood Acquisition Program reconciliation & closeout
- Funding request: \$4.275 million as 2020 CBA payment
- Continue to restructure program reporting and oversight

### LA County RSI

- Work with County to resume the RSI program (COVID delay)

## Schools

### Lennox SD

- Closeout

### Inglewood USD

- Funding request \$4.4 million & Closeout
- Obtaining revised FAA PFC Application Final Agency Decision (FAD) for Inglewood High School project



# Questions?

**Contact:**  
**Raha Azarmehr**  
**Sound Insulation Grant Program**  
**[razarmehr@lawa.org](mailto:razarmehr@lawa.org)**