SCAG Local Data Exchange Process and Regional Data Platform Introduction

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Caitlin Smith, Witt Mathot, Maddie Haynes

Planning Division | March 15, 2022
1. Meeting length: 1.5 hour
2. This meeting is being recorded
3. All participant lines will be muted
4. At the end, there will be a Q&A session
5. If you have a question during the presentation, please type it into the chat box or press the "raise hand" function.
6. We will log all questions and then voice a selection at the end of the presentation
7. A recording of this webinar and the PowerPoint slides will be available on the SCAG website. We will send a link to everyone who has registered after the event.
Overview

1. Local Info Services Team

2. Connect SoCal 2024

3. Local Data Exchange

4. Data/Map Books

5. Regional Data Platform

6. RDP – LDX System Demo

7. Next steps
Local Information Services Team (LIST) Introduction

- **Purpose** – Coordinate, plan, and develop a system to
  - (1) link SCAG’s value-added products (e.g., data, applications, etc.) to help address local information needs,
  - (2) deliver technical assistance, and
  - (3) provide local staff an opportunity to offer feedback on how SCAG can improve our products to facilitate better collaboration, regionally and locally

- LIST is focusing on the LDX system and process to solicit inputs from local jurisdictions

- Request technical assistance at [list@scag.ca.gov](mailto:list@scag.ca.gov) or submit a request on the RDP Regional Hub at [https://hub.scag.ca.gov/](https://hub.scag.ca.gov/)
What is Connect SoCal?

Regional Transportation Plan/Sustainable Communities Strategy

• Updated Every Four Years
• Long-Term Vision & Investment Framework
• Integrated Regional Development Pattern & Transportation Network
• Reduce GHG Emission to Meet Targets for Passenger Vehicles
• Revenues = Costs
• Meets Regional Emission Standards
• Public Involvement
Connect SoCal 2020

CORE VISION

- COMPLETE STREETS INVESTMENT
- SUSTAINABLE DEVELOPMENT
- DEMAND & SYSTEM MANAGEMENT
- SYSTEM PRESERVATION & RESILIENCE
- GOODS MOVEMENT
- TRANSIT BACKBONE
- SYSTEM PRESERVATION & RESILIENCE
- TRANSPORTATION BACKBONE
- SUSTAINABLE DEVELOPMENT
- SMART CITIES & JOB CENTERS
- ACCERLERATED ELECTRIFICATION
- HOUSING SUPPORTIVE INFRASTRUCTURE
- GO ZONES
Connect SoCal 2024: Development Update

Foundations & Frameworks

- 2021

Data Collection & Policy Development

- 2022

Outreach & Analysis

- 2023

Draft Plan & Adoption

- 2024

COMPLETED

- Regional & County Forecast
- Relaunched Working Groups
- Regional Data Platform Launch

LOCAL DATA EXCHANGE (LDX)

- Soft Launch – February 23rd
- Complete Launch – May 4th
- Input Deadline – December 2nd
• Main objective: Present and review roughly 30 data layers related to RTP/SCS development in their local context:
  • Available in Data/Map Books and through RDP
  • Soliciting local update and corrections on core land use layers (available Feb.) and preliminary household and employment totals ("SED") for 2019, 2035, and 2050 (available May)
  • Feedback and editing opportunity on certain regional growth & transportation data
  • Third-party data related to regional growth objectives included for reference
• Also…
  • The only time during the 4-year cycle where SCAG “visits” every jurisdiction
  • Chance to share regional priorities and tools (e.g., Regional Data Platform)
  • Chance to discuss local concerns and visions for the future
    • → Chance to align local and regional visions
Connect SoCal 2020 Process
# LDX Timeline

<table>
<thead>
<tr>
<th>EVENT</th>
<th>ANTICIPATED DATE</th>
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</thead>
<tbody>
<tr>
<td>Local Data Exchange - Soft Launch. Data/Map book Local Data Exchange Soft Launch. Data layers (except growth) available for local review through Data/Map Books and Regional Data Platform.</td>
<td>February 23, 2022</td>
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<tr>
<td>Subregional outreach and trainings on LDX and RDP. LIST team available for questions and consultation.</td>
<td>Feb - Apr 2022</td>
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<tr>
<td>Local Data Exchange Complete Launch. Data/Map Book and RDP updated to include preliminary growth data.</td>
<td>Estimated May 4, 2022</td>
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<tr>
<td>One-on-one meetings with local jurisdictions to review the data package and feedback opportunity.</td>
<td>Beginning May 2022</td>
</tr>
<tr>
<td>Deadline for local jurisdictions to provide feedback for possible inclusion in Connect SoCal 2024.</td>
<td>Dec 2, 2022</td>
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<tr>
<td>Regional collaboration on plan development. Continued development of Connect SoCal 2024 strategies with stakeholders, working groups, and the general public.</td>
<td>Early 2023</td>
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<tr>
<td>Draft Connect SoCal 2024 release</td>
<td>Fall 2023</td>
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<tr>
<td>Final Connect SoCal 2024 adoption</td>
<td>April 2024</td>
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Connect SoCal 2024 – Projecting growth at four key scales

SCAG Region
(19 million people, 38,000 square miles)

6 SCAG Counties
(187,000 to 10.1 million people; 800 to 20,100 square miles)

197 SCAG Jurisdictions
(1,100 to 3.9 million people; 0.6 to 19,200 square miles)

Transportation Analysis Zone (TAZ)-level growth
(Median: 1,200 people, 0.22 square miles)

Source: Connect SoCal 2020; data reflects 2016 base year conditions. Area includes non-urbanized land.
Objective of LDX: Forecasted Regional Development Pattern

“set forth a forecasted development pattern for the region, which, when integrated with the transportation network, and other transportation measures and policies, will reduce the greenhouse gas emissions from automobiles and light trucks to achieve, if there is a feasible way to do so, the greenhouse gas emission reduction targets approved by the state board, and (viii) allow the regional transportation plan to comply with Section 176 of the federal Clean Air Act (42 U.S.C. Sec. 7506).” California Government Code 65080(b)(vii)

2050 Preliminary Projections (1,000s), SCAG Region

Population: 18,832
Households: 6,192
Employment: 8,986

Δ = 9.1%
Δ = 23.6%
Δ = 13.2%

LDX GETS HERE BY BEING:
✓ Rooted in local planning
✓ Steered by a regional vision
✓ Aligned with state and federal policy

Source: Connect SoCal 2020 Forecasted Regional Development Pattern
• Support for Connect SoCal 2024 LDX Process
  • 197 Data/Map Books including data descriptions and maps of the base geospatial data
  • Including land use, priority development, transportation, resource areas, geographic boundaries, etc.
  • To share base GIS dataset with local jurisdictions and to solicit feedback during the LDX process

• Data/Map Book Productions
  • Preliminary Data/Map Books (February 2022)
  • Draft Data/Map Books (May 2022): Including SED information and individual Green Region Resource Areas (GRRA) layers
  • Final Data/Map Books (Early 2023): Incorporating local feedback submitted during the LDX process
### SCAG Data/Map Book Contents (Connect SoCal 2024)

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>LAYER NAME</th>
<th>REVIEW TYPE</th>
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</thead>
<tbody>
<tr>
<td><strong>Land Use</strong></td>
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<tr>
<td>General Plan</td>
<td>Update/Corrections</td>
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<tr>
<td>Zoning</td>
<td>Update/Corrections</td>
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<tr>
<td>Existing Land Use</td>
<td>Update/Corrections</td>
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<tr>
<td>Specific Plan Land Use</td>
<td>Update/Corrections</td>
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<tr>
<td>Key Entitlements</td>
<td>Update/Corrections</td>
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<tr>
<td><strong>Priority Development</strong></td>
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<td>Neighborhood Mobility Areas</td>
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<tr>
<td>Livable Corridors</td>
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<td>Job Centers</td>
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<td>Housing Trajectory</td>
<td>Update/Corrections and site</td>
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<td></td>
<td>inventory upload</td>
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<td><strong>Transportation</strong></td>
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<tr>
<td>High Quality Transit Areas</td>
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<tr>
<td>Transit Priority Areas</td>
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<tr>
<td>Regional Bikeways</td>
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<tr>
<td>Regional Truck Routes</td>
<td>Optional</td>
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<tr>
<td><strong>Green Region Resource Areas (SB 375)</strong></td>
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<tr>
<td>Resilience (Flood areas, coastal inundation, wildfire risk)</td>
<td>Reference Only</td>
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<tr>
<td>Open Space/Habitat (Open space and parks, endangered species and plants, sensitive habitat areas, natural community and habitat conservation plans)</td>
<td>Reference Only</td>
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<tr>
<td>Administrative/Working Lands (Tribal nations, military installations, farmlands)</td>
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<tr>
<td><strong>Geographical Boundaries</strong></td>
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<tr>
<td>City Boundary and Sphere of Influence</td>
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<td>Census Tract</td>
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<tr>
<td>TAZ (Tier2)</td>
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<tr>
<td><strong>Growth</strong></td>
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<tr>
<td>Jurisdiction-level projections of households and employment (2019-2050)</td>
<td>Update/Corrections</td>
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</table>

**Notes:** The live/digital version of the above data contents will be also available on RDP Local Data Exchange Web during the Local Data Exchange soft launch.
1. Provide access to data, modern tools, and best practices that support stronger planning and information-based decision making at all levels.

2. Streamline the exchange of data with jurisdictions and partners across the region while establishing procedures and standards for geospatial data consistency.

3. Establish a community of planners, GIS professionals, and practitioners to foster collaboration and collective learning, as well as guide the long-term growth and evolution of the RDP.

Supporting regionally aware local planning
And locally informed regional planning

For a more cohesive and sustainable region...
Timeline

- **Launch**
  - Nov 2021
  - Feb 23, 2022

- **Available Before Launch**
  - HELPR 2.0
  - Off-the-shelf Planning Tools (e.g., Business Analyst, ArcGIS Urban, ArcGIS Online & Pro)

- **Available February 2022**
  - Regional Hub
  - Local GP Site Templates
  - SoCal Atlas
  - Parcel Locator
  - LDX System (soft launch)

**Pilot Jurisdictions**
- City of Barstow
- City of Fullerton
- City of Long Beach
- City of Los Angeles
- City of Pico Rivera
- City of Ventura
- County of San Bernardino
- County of Imperial

**Incorporate testing feedback**
**Finalize and deploy**

- Develop training resources for RDP users
- 1-on-1 technical assistance for local jurisdictions through SCAG Local Info Services Team (LIST)
The RDP Delivers Powerful Data and Tools

...Supporting Planning and Data Sharing Workflows Across Jurisdictions

Accessible Data and Information

Regional Hub

SoCal Atlas

SCAG Regional Data Platform (RDP)

Planning & Engagement Tools

HELP R

Parcel Explorer

General Plan Update Initiative Templates

Data Sharing Tools & Workflows

Local Data Exchange

Empowering planners and residents... To create more sustainable communities
Data & Information Tools

Regional Hub
Provides one-stop access to data, tools, and information as well as a platform for two-way engagement. Features and capabilities include:

- Rich content catalogue with data, maps, apps, policy resources, and more
- “Planner’s Corner” full of planning-specific resources
- Public and private access
- Collaboration workspace for regional programs and initiatives *(coming soon)*
- Ability to request one-on-one technical assistance from SCAG

SoCal Atlas
A web-based experience allowing member agencies, other regional stakeholders, and the general public to explore data, statistics, and maps across topics and geographies.
Planning & Engagement Tools

HELPR
Provides the ability to evaluate which parcels within a jurisdiction may have potential for residential development based on parcel attribute information and recommended filters.

Parcel Locator
A self-service resource for planners, residents, or other stakeholders (such as developers) to find and discover rich information about specific parcels.

Local General Plan Update Site (template)
A ready-to-use template for web-based General Plans for use by Member Agencies to communicate and engage with residents around their General Plan update.

Off-the-Shelf Planning & Engagement Tools
Esri products, provided to member agencies, along with resources, templates, and best practices to support a broad range of common planning and resident engagement workflows. This includes Business Analyst Web, ArcGIS Urban, and ArcGIS Pro.
Local Data Exchange (LDX) Tools

**LDX Website**
A central location for member agencies and other stakeholders to access data sharing tools and related Local Data Exchange resources, view information and statistics on the state of data in the region and request technical assistance from SCAG.

**Data Editor**
A web-based application for jurisdictions and other key stakeholders to explore, review, and update/comment on data shared with SCAG through the Local Data Exchange process for their jurisdiction.

**Data Sharing**
Additional mechanisms for member agencies to provide data to SCAG as part of the Local Data Exchange process, including GIS data file upload and sharing an approved plan in ArcGIS Urban.

**Data Reviewer**
A workflow allowing member agencies to review and approve edits to data within their jurisdiction before edits are sent to SCAG and incorporated to the regional layers.
## RDP Tools Summary

<table>
<thead>
<tr>
<th>RDP Tools and Capabilities</th>
<th>URL</th>
<th>Accessible to</th>
</tr>
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<tbody>
<tr>
<td>Regional Hub</td>
<td><a href="https://hub.scag.ca.gov/">https://hub.scag.ca.gov/</a></td>
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<tr>
<td>SoCal Atlas</td>
<td><a href="https://rdp.scag.ca.gov/socal-atlas/">https://rdp.scag.ca.gov/socal-atlas/</a></td>
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<tr>
<td>Housing Element Parcel (HELR) Tool 2.0</td>
<td><a href="https://rdp.scag.ca.gov/helpr/">https://rdp.scag.ca.gov/helpr/</a></td>
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<tr>
<td>Off-the-Shelf Planning &amp; Engagement Tools</td>
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<td>LDX Website</td>
<td><a href="https://hub.scag.ca.gov/pages/ldx">https://hub.scag.ca.gov/pages/ldx</a></td>
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What’s next?

<table>
<thead>
<tr>
<th>LOCAL JURISDICTION</th>
<th>ACCESS PUBLICLY AVAILABLE DATA, TOOLS, AND TRAINING AT <a href="https://hub.scag.ca.gov/">https://hub.scag.ca.gov/</a></th>
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<tr>
<td>• Request ArcGIS licenses at <a href="https://hub.scag.ca.gov/pages/planners-corner">https://hub.scag.ca.gov/pages/planners-corner</a></td>
<td>➢ Content Library</td>
</tr>
<tr>
<td>• Request LDX System access at <a href="https://hub.scag.ca.gov/pages/ldx">https://hub.scag.ca.gov/pages/ldx</a></td>
<td>➢ Apps and Maps</td>
</tr>
<tr>
<td>• SCAG LIST will start contacting cities in late March for technical assistance</td>
<td>➢ Training Resources</td>
</tr>
<tr>
<td>• Visit the LDX and RDP table at SCAG General Assembly (May 5-6)</td>
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<td>• One-on-one meeting with SCAG between May and September to discuss LDX</td>
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<td>• Submit all feedback by December 2nd</td>
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Acronyms

• LIST – Local Information Services Team
• LDX – Local Data Exchange
• Connect SoCal – Regional Transportation Plan/Sustainable Communities Strategy
• PEIR – Program Environmental Impact Report
• RDP – Regional Data Platform
• HELPR – Housing Element Parcel Tool
• SED – Socioeconomic Dataset
• TAZ – Transportation Analysis Zone
• HQTA – High Quality Transit Area
• TPA – Transit Priority Area
• NMA – Neighborhood Mobility Area
Thank You!

list@scag.ca.gov

Tell us how we did!

Take a quick 2-minute survey to help us improve future Toolbox Tuesdays!