



Regional Planning Committee Agenda

Friday, March 7, 2025

1 p.m.

Welcome to SANDAG. The Regional Planning Committee meeting scheduled for Friday, March 7, 2025, will be held in person in the SANDAG Board Room. While Regional Planning Committee members will attend in person, members of the public will have the option of participating either in person or virtually.

For public participation via Zoom webinar, click the link to join the meeting: <https://us02web.zoom.us/j/85270247132>

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Public Comments: Members of the public may speak to the Regional Planning Committee on any item at the time the Regional Planning Committee is considering the item. Public speakers are generally limited to three minutes or less per person.

Persons who wish to address the members on an item to be considered at this meeting, or on non-agendized issues, may email comments to the Clerk at clerkoftheboard@sandag.org (please reference Regional Planning Committee meeting in your subject line and identify the item number(s) to which your comments pertain). Comments received by 4 p.m. the business day before the meeting will be provided to members prior to the meeting. All comments received prior to the close of the meeting will be made part of the meeting record.

If you desire to provide in-person verbal comment during the meeting, please fill out a speaker slip, which can be found in the lobby. If you have joined the Zoom meeting by computer or phone, please use the "Raise Hand" function to request to provide public comment. On a computer, the "Raise Hand" feature is on the Zoom toolbar. By phone, enter *9 to "Raise Hand" and *6 to unmute. Requests to provide live public comment must be made at the beginning of the relevant item, and no later than the end of any staff presentation on the item. The Clerk will call on members of the public who have timely requested to provide comment by name for those in person and joining via a computer, and by the last three digits of the phone number of those joining via telephone. Should you wish to display media in conjunction with your comments, please inform the Clerk when called upon. The Clerk will be prepared to have you promoted to a position where you will be able to share your media yourself during your allotted comment time. In-person media sharing must be conducted by joining the Zoom meeting on the personal device where the content resides. Please note that any available chat feature on the Zoom meeting platform should be used by panelists and attendees solely for procedural or other "housekeeping" matters as comments provided via the chat feature will not be retained as part of the meeting record. All comments to be provided for the record must be made in writing via email or speaker slip, or verbally per the instructions above.

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This meeting will be conducted in English, and simultaneous interpretation will be provided in Spanish. Interpretation in additional languages will be provided upon request to ClerkoftheBoard@sandag.org at least 72 business hours before the meeting.

Esta reunión se llevará a cabo en inglés, y se ofrecerá interpretación simultánea en español. Se ofrecerá interpretación en otros idiomas previa solicitud a ClerkoftheBoard@sandag.org al menos 72 horas antes de la reunión.

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Vision Statement: *Pursuing a brighter future for all*

Mission Statement: *We are the regional agency that connects people, places, and innovative ideas by implementing solutions with our unique and diverse communities.*

Our Commitment to Equity: *We hold ourselves accountable to the communities we serve. We acknowledge we have much to learn and much to change; and we firmly uphold equity and inclusion for every person in the San Diego region. This includes historically underserved, systemically marginalized groups impacted by actions and inactions at all levels of our government and society.*

We have an obligation to eliminate disparities and ensure that safe, healthy, accessible, and inclusive opportunities are available to everyone. The SANDAG equity action plan will inform how we plan, prioritize, fund, and build projects and programs; frame how we work with our communities; define how we recruit and develop our employees; guide our efforts to conduct unbiased research and interpret data; and set expectations for companies and stakeholders that work with us.

We are committed to creating a San Diego region where every person who visits, works, and lives can thrive.





Regional Planning Committee

MEMBERSHIP

The Regional Planning Committee provides oversight for the preparation and implementation of the Regional Comprehensive Plan that is based on the local general plans and regional plans and addresses interregional issues with surrounding counties and Mexico. The components of the plan include transportation, housing, environment, economy, regional infrastructure needs and financing as well as land use and design. Committee recommendations are forwarded to the SANDAG Board of Directors for action.

The Regional Planning Committee generally meets at 1 p.m., on the first Friday of every other month.

Staff contact: Stacey Cooper, (619) 595-5354, stacey.cooper@sandag.org

MEMBERS

Kent Lee

Councilmember, City of San Diego

Terra Lawson-Remer

Supervisor, County of San Diego

Carrie Anne Downey, Chair

Councilmember, City of Coronado

(Representing South County)

Laura Koval

Councilmember, City of Santee

(Representing East County)

Tracy Martinez, Vice Chair

Deputy Mayor, City of Del Mar

(Representing North County Coastal)

Rebecca Jones

Mayor, City of San Marcos

(Representing North County Inland)

ADVISORY MEMBERS

Ann Fox

Caltrans District 11

Muska Laiq

Department of Defense

Patricia Dillard

Metropolitan Transit System

Joe Garcia

North County Transit District

ALTERNATES

Vivian Moreno

Councilmember, City of San Diego

Joel Anderson

Supervisor, County of San Diego

Ron Morrison

Mayor, City of National City

(Representing South County)

Laura Lothian

Councilmember, City of La Mesa

(Representing East County)

Bruce Ehlers

Mayor, City of Encinitas

(Representing North County Coastal)

Dane White

Mayor, City of Escondido

(Representing North County Inland)

ADVISORY MEMBERS — ALTERNATES

Melina Pereira

Caltrans District 11

Anna Shepherd

Department of Defense

Jennifer Mendoza

Metropolitan Transit System

Rick Robinson

North County Transit District

ADVISORY MEMBERS

Angela Elliott-Santos (Manzanita)
Southern California Tribal Chairmen's
Association

Ditas Yamane
San Diego County Water Authority

Frank Urtasan
Port of San Diego

Ron Nehring
Association of Planning Groups

**ENVIRONMENTAL MITIGATION PROGRAM
ADVISORY MEMBERS**

Vacant
U.S. Fish and Wildlife Service

Michelle Lynch
U.S. Army Corps of Engineers

Vacant
California Department of Fish and Wildlife

John Donnelly
Wildlife Conservation Board

ADVISORY MEMBERS — ALTERNATES

Cody Martinez (Sycuan)
Southern California Tribal Chairmen's
Association

Joel Scalzitti
San Diego County Water Authority

Lesley Nishihira
Port of San Diego

Kiki Skagen Munshi
Association of Planning Groups

**ENVIRONMENTAL MITIGATION PROGRAM
ADVISORY MEMBERS — ALTERNATES**

Susan Wynn
U.S. Fish and Wildlife Service

Kyle Dahl
U.S. Army Corps of Engineers

David Mayer
California Department of Fish and Wildlife

Vacant
Wildlife Conservation Board

Regional Planning Committee

Friday, March 7, 2025

Comments and Communications

1. Non-Agenda Public Comments/Member Comments

Members of the public shall have the opportunity to address the Regional Planning Committee on any issue within the jurisdiction of the Regional Planning Committee that is not on this agenda. Public speakers are limited to three minutes or less per person. Public comments under this agenda item will be limited to five public speakers. If the number of public comments under this agenda item exceeds five, additional public comments will be taken at the end of the agenda. Regional Planning Committee members and SANDAG staff also may present brief updates and announcements under this agenda item.

Consent

+2. Approval of Meeting Minutes

Approve

Francesca Webb, SANDAG

The Regional Planning Committee is asked to approve the minutes from its November 1, 2024, meeting.

[Meeting Minutes.pdf](#)

+3. SANDAG Grant Programs: Quarterly Status Update and Amendment Request

Approve

Goldy Herbon, SANDAG

The Regional Planning Committee is asked to approve a retroactive three-month time extension for the City of Santee's "Santee Specific Plan" SGIP Project.

[SANDAG Grant Pgrms Qrtly Status Update.pdf](#)

[Att. 1 - Discussion Memo.pdf](#)

[Att. 2 - Performance Measures Report.pdf](#)

[Att. 3 - Santee SGIP Amendment Request Letter.pdf](#)

Reports

+4. Regional Climate Action Planning Updates

Discussion

Susan Freedman, Samaya Elder, Natasha Dulik, SANDAG

Staff will present on the development of a long-term roadmap for climate action in the region and seek feedback on draft greenhouse gas reduction measures.

[Regional Climate Action Planning Update.pdf](#)

[Att. 1 - Draft GHG Red Measures for the SD Reg Climate Action Roadmap.pdf](#)
[Presentation.pdf](#)

+5. SANDAG's Regional Shoreline Management Program

Information

Courtney Becker, SANDAG

Staff will present an overview of SANDAG's Regional Shoreline Management Program, its accomplishments, and next steps.

[SANDAG's Regional Shoreline Mgmt Program.pdf](#)

[Att. 1 - Got Sand Infobit.pdf](#)
[Presentation.pdf](#)

6. Topics for Discussion at Future Meetings

Discussion

Chair Carrie Anne Downey, South County

Chair Downey will present potential items for discussion at future meetings and ask committee members for input.

Adjournment

7. Adjournment

The next Regional Planning Group meeting is scheduled for May 2, 2025, at 1 p.m.

+ next to an agenda item indicates an attachment

March 7, 2025

November 1, 2024, Regional Planning Committee Meeting Minutes

[View Meeting Video](#)

Chair Joe LaCava (City of San Diego) called the Regional Planning Committee (RPC) meeting to order at 1 p.m.

1. Non-Agenda Public Comments/Member Comments

Public Comments: Katheryn Rhodes.

Member Comments: Chief Executive Officer Mario Orso and Planning Director Karen Jewell (Caltrans).

Consent

2. Approval of Meeting Minutes

The RPC was asked to review and approve the minutes from its September 6, 2024, meeting.

Public Comments: None.

Action: Upon a motion by Councilmember Ed Musgrove (San Marcos), and a second by Mayor Bill Wells (East County), the RPC voted to approve the Consent Agenda.

The motion passed.

Yes: Chair LaCava, Vice Chair Tracy Martinez (North County Coastal), Mayor Wells, Councilmember Musgrove, and Councilmember Mike Donovan (South County).

No: None.

Abstain: None.

Absent: County of San Diego.

Reports

3. Smart Growth Incentive Program

The RPC was asked to recommend that the Board of Directors approve the evaluation criteria and release the call for projects for Smart Growth Incentive Program Cycle 6.

Public Comments: Katheryn Rhodes.

Action: Upon a motion by Councilmember Musgrove, and a second by Vice Chair Martinez, the RPC voted to recommend that the Board of Directors approve the evaluation criteria and release the call for projects for Smart Growth Incentive Program Cycle 6.

The motion passed.

Yes: Chair LaCava, Vice Chair Martinez, Mayor Wells, Councilmember Musgrove, and Councilmember Donovan.

No: None.

Abstain: None.

Absent: County of San Diego.

4. Regional Climate Action Planning

Senior Regional Planner Anna Bettis and Manager of Regional Planning Susan Freedman presented an overview of the regional Priority Climate Action Plan and development of the Comprehensive Climate Action Plan.

Public Comments: Katheryn Rhodes.

Action: Discussion.

5. Adjournment

The Board of Directors is scheduled to approve the 2025 Legislative Calendar at its November 22, 2024, meeting including the next RPC meeting date which will be posted at that time.

Chair LaCava adjourned the meeting at 1:56 p.m.

DRAFT

Confirmed Attendance Regional Planning Committee Meeting

Jurisdiction	Name	Member/ Alternate	Attend
City of San Diego	Chair Joe LaCava	Member	Yes
	Vivian Moreno	Alternate	No
County of San Diego	Supervisor Terra Lawson-Remer	Member	No
	Supervisor Joel Anderson	Alternate	No
East County	Mayor Bill Wells	Member	Yes
	Councilmember Patricia Dillard	Alternate	Yes
North County Coastal	Vice Chair Tracy Martinez	Member	Yes
	Deputy Mayor Joy Lyndes	Alternate	No
North County Inland	Mayor Rebecca Jones	Member	No
	Councilmember Ed Musgrove	Alternate	Yes
South County	Councilmember Mike Donovan	Member	Yes
	Deputy Mayor Alonso Gonzalez	Alternate	No
Advisory Members			
Caltrans, District 11	Everett Townsend	Member	No
	Roy Abboud	Alternate	No
	Karen Jewell, this meeting only	Alternate	Yes
Metropolitan Transit System	Patricia Dillard	Member	No
	George Gastil	Alternate	Yes
North County Transit District	Joe Garcia	Member	No
	Rick Robinson	Alternate	No
Port of San Diego	Michael Zucchet	Member	No
	Lesley Nishihira	Alternate	No
San Diego County Water Authority	Ditas Yamane	Member	Yes
	Craig Elitharp	Alternate	No
Southern California Tribal Chairmen's Association	Angela Elliott-Santos	Member	No
	Cody Martinez	Alternate	No
U.S. Department of Defense	Muska Laiq	Member	No
	Anna Shepard	Alternate	No
California Department of Fish and Wildlife	Vacant	Member	No
	David Mayer	Alternate	No
Wildlife Conservation Board	John Donnelly	Member	No
	Vacant	Alternate	No
U.S. Army Corps of Engineers	Michelle Lynch	Member	No
	Kyle Dahl	Alternate	No
U.S. Fish and Wildlife Service	Vacant	Member	No
	Susan Wynn	Alternate	No

March 7, 2025

SANDAG Grant Programs: Quarterly Status Update and Amendment Request

Overview

The [TransNet Extension Ordinance and Expenditure Plan](#) provides funding for various competitive regional grant programs available to local jurisdictions, transit agencies, and nonprofit organizations that help implement the 2021 Regional Plan. The Regional Planning Committee (RPC) has oversight over two TransNet grant programs: the [Environmental Mitigation Program Land Management Grant Program \(EMP LMG\)](#) and the [Smart Growth Incentive Program \(SGIP\)](#). Additionally, RPC reviews the [Housing Acceleration Program \(HAP\)](#), which provides funding from the California Department of Housing and Community Development's (HCD) Regional Early Action Planning (REAP) program.

Key Considerations

The Discussion Memo (Attachment 1) highlights grant project status changes during the reporting period. A Performance Measures Report (Attachment 2) has been prepared in response to the FY 2024 TransNet Triennial Performance Audit recommendation #19, which states, "Put practice in place to summarize grantee performance data, analyze the success of grant efforts, and report to the TransNet Independent Taxpayer Oversight Committee." Attachment 2 is an inaugural Performance Measures Report that provides TransNet and HCD grant program data, and grant accomplishments through the reporting period. Staff will continue to update the Performance Measures Report and present it with subsequent quarterly status updates.

The City of Santee requests a three-month extension for their SGIP-funded Santee Specific Plan project. The project delay results from the need for an unforeseen technical document (a Water Supply Assessment) and public agency comments requiring additional administrative activities. The City's Amendment Request Letter (Attachment 3) contains further details. On [February 12, 2025 \(Item 10\)](#), the amendment request was presented to the Independent Taxpayer Oversight Committee and subsequently recommended for RPC approval.

Next Steps

The next quarterly status update on grant programs will be provided to the Transportation Committee on March 21, 2025. The next RPC Grant Update will be in October 2025, and the next biannual report to ITOC will be in September 2025.

Susan Huntington, Director of Financial Planning, Budgets, and Grants

Attachments: 1. Discussion Memo
 2. Performance Measures Report
 3. Santee SGIP Amendment Request Letter

Action: Approve

The Regional Planning Committee is asked to approve a retroactive three-month time extension for the City of Santee's "Santee Specific Plan" Smart Growth Incentive Program.

Fiscal Impact:

None.

Schedule/Scope Impact:

During the reporting period (October 1, 2024 to December 31, 2024), four projects were completed and three were placed on the watch list.

If the Regional Planning Committee approves the City of Santee's three-month time extension request, their Santee Specific Plan project will be completed by May 11, 2025.

Discussion Memo

SANDAG awards grant funds on a competitive basis that considers the grantees' ability to perform their proposed projects on time. SANDAG intends to hold grantees accountable for completing the project to ensure fairness in the competitive process and to encourage grantees toward implementation for public benefit on project deliverables as soon as possible. All SANDAG competitive grant programs are subject to [SANDAG Board Policy No. 035](#), which provides project milestone and completion deadlines and use-it or lose-it provisions. Projects are placed on a watch list when a grantee has not made timely progress toward milestones or key project deliverables or has not implemented any SANDAG-issued corrective actions.

This Discussion Memo highlights grant project status changes during the reporting period of October 1 – December 31, 2024. A [master list](#) of all SANDAG grant program awards can be found on the [SANDAG Grants web page](#).

Environmental Mitigation Program – Land Management Grant Program

Completed Projects

- City of San Diego – West Otay Mesa Stinknet Removal
 - The grantee was awarded \$80,000, and the grant began on April 20, 2023.
 - The project controlled stinknet within priority Otay Mesa vernal pool complexes and surrounding habitats to protect sensitive ecosystems and create a buffer from invasive weed species. Two acres of coastal sage and maritime succulent scrub habitat were restored, and fifty acres of invasive stinknet plants were treated or removed.
 - The grantee has completed all project deliverables and has received \$62,882 to date. Additional invoices are pending and will be resolved with the project closeout.
- City of San Diego – Otay Mesa Vernal Pool Restoration
 - The grantee was awarded \$80,000, and the grant began on April 20, 2023.
 - The project protected and enhanced vernal pool ecosystems, Maritime Succulent Scrub, and Western burrowing owl habitat to create a buffer against invasive weed species. Activities included installing fences and gates, site monitoring, and habitat restoration watering maintenance. More than two acres of vernal pools, alkali playa, and Maritime succulent scrub habitat were restored, and 42 acres of invasive grasses were treated or removed.
 - The grantee has completed all project deliverables and has received \$64,884 to date. Additional invoices are pending and will be resolved with the project closeout.
- Otay Water District – San Miguel Habitat Management Area (HMA) Perimeter Fencing Restoration
 - The grantee was awarded \$78,593, and the grant began on March 16, 2023.
 - The project reduced illegal trespassing threats in the San Miguel HMA to protect high-priority species in the coastal sage scrub and grassland habitats. Activities included three public outreach events, perimeter fencing restoration, and signage.
 - The grantee has completed all project deliverables, and the grantee has received \$43,870 to date. Additional invoices are pending and will be resolved with the project closeout.

Projects on the Watch List & Reasoning

- None

Amendment Requests

- None

Smart Growth Incentive Program

Completed Projects

- City of El Cajon – El Cajon Transit Center Connection Improvements
 - The grantee was awarded \$2.5 million, and the grant agreement began in August 2019.
 - The project revitalizes El Cajon's transit district by widening sidewalks, enhancing crosswalks, and installing thematic lighting, low-impact development (LID) basins, site furniture, a roundabout, bulb-outs, signage, and Class I bikeway approaches along Johnson Avenue.
 - Project benefits include reducing traffic flow, increasing safety, and improving connections to nearby transit centers.
 - Construction was completed in October 2024, and punch list items were wrapped up the following month.
 - The grantee has completed all project deliverables, and the total grant funding the Grantee received was \$2.5 million.

Projects on the Watch List & Reasoning

- City of El Cajon – Main Street-Green Street Gateway Improvements Project
 - The grantee was awarded \$2.5 million, and the grant began in August 2019.
 - The project was placed on the watchlist in November 2024 after SANDAG filed a Public Works complaint with the Department of Industrial Relations (DIR) on behalf of the City for ongoing contractor payroll issues.
 - An administrative amendment was executed for the project extending the project termination date by two years to allow the labor compliance issues to be resolved.
- City of San Diego - Downtown Mobility Cycle Way Improvement Phase I and I
 - The grantee was awarded \$2.5 million, and the project began in March 2019.
 - The project has been on the Watch List since Fiscal Year 2022 due to labor compliance issues.
 - The project is under active investigation by the California Department of Industrial Relations (DIR).
 - While the Project is complete, an administrative amendment extending the grant termination date by two years has been executed to allow the DIR to complete its investigation.
- City of Lemon Grove – Connect Main Street Phase I and II
 - The grantee was awarded \$2.5 million, and the project began in July 2020.
 - The project was placed on the watchlist in November 2024 due to potential labor compliance issues. SANDAG and the City are trying to resolve the issues but may need to file a Public Works complaint with the DIR for ongoing contractor payroll issues.

Amendment Requests

- City of Santee – Santee Specific Plan
 - Santee is requesting a three-month extension in order to incorporate a Water Supply Assessment into their Draft Environmental Impact Report and to confirm consistency with the Gillespie Field Airport Land Use Compatibility Plan.
 - The current agreement expired on February 11, 2025.

Housing Acceleration Grant Program (HAP)

During the reporting period SANDAG entered into 10 grant agreements with HAP Cycle 2 awardees. The first HAP Cycle 2 invoices for these projects have been received.

Completed Projects

- None

Projects on the Watch List & Reasoning

- None

Amendment Requests

- None

2025 | TRANSNET GRANT PROGRAM PERFORMANCE MEASURES REPORT

TransNet Extension Ordinance Revenue

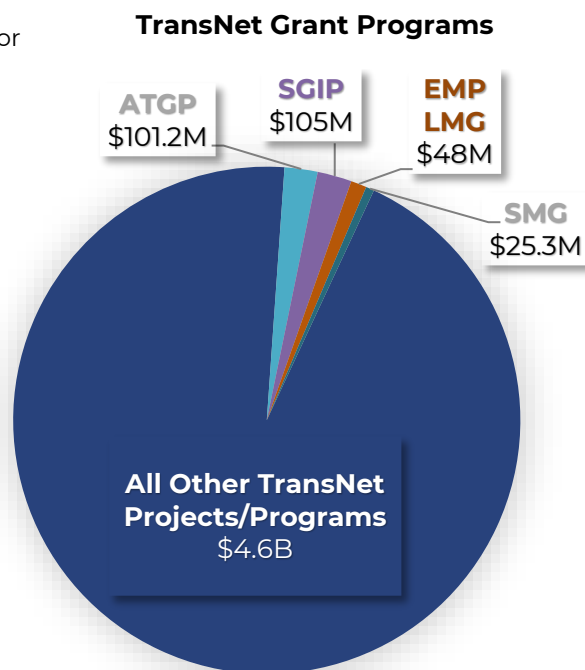
The TransNet Extension Ordinance, the county's half-cent sales tax for transportation improvements, has garnered \$4.8 billion in funds since its inception in 2008. The funds are allocated according to a detailed [expenditure plan](#) that includes specific projects, programs, and grant programs.

TransNet funds numerous transit, highway, freight, bikeway, and walkway projects, in addition to an environmental conservation program, transit fare subsidies, and grants for smart growth, active transportation, and transportation services for older adults.

SANDAG manages four TransNet grant programs as laid out in the TransNet Extension Ordinance including:

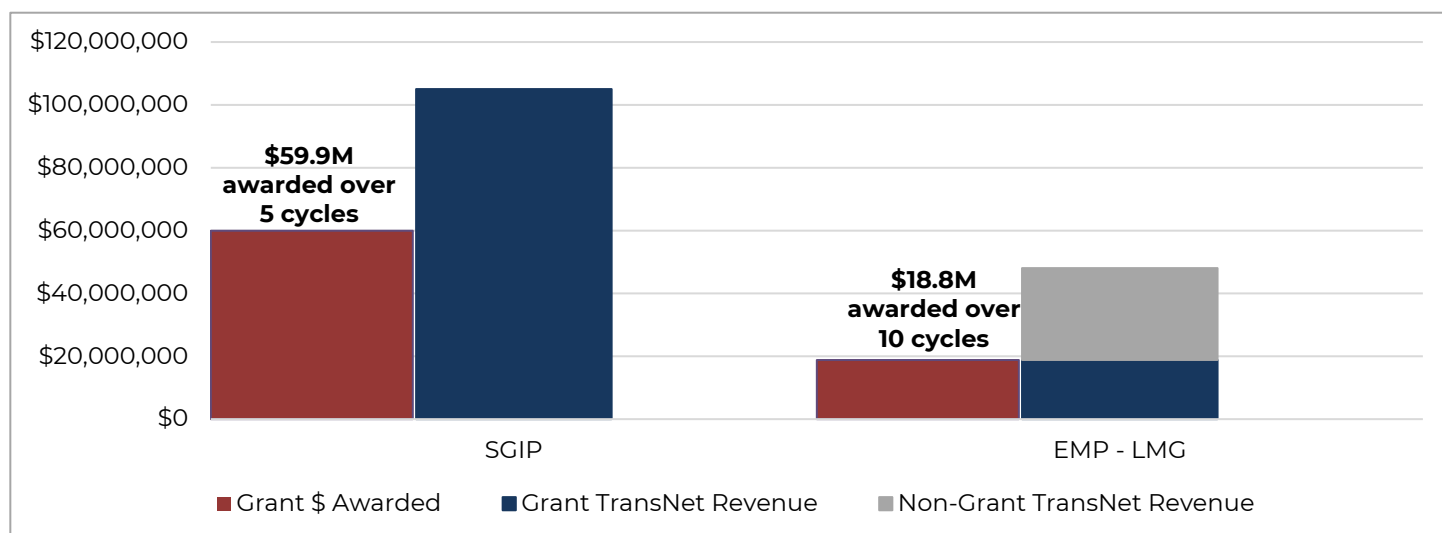
- Active Transportation Grant Program (ATGP)
- Smart Growth Incentive Program (SGIP)
- Environmental Mitigation Program Land Management Grant (EMP LMG) Program
- Senior Mini-Grant (SMG) Program

The Regional Planning Committee (RPC) oversees two TransNet programs: EMP LMG and SGIP. The chart on the right illustrates TransNet revenue and the amount each TransNet grant program has received.



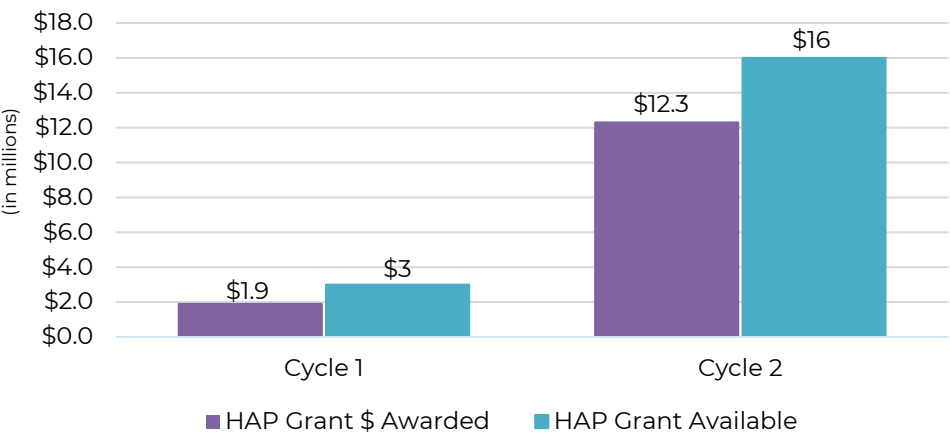
TransNet Grants Awarded

Each TransNet-funded grant program has held numerous grant solicitations called “cycles” to award local projects and services that achieve grant program objectives. Approximately 42% of the TransNet funds received for the grant programs have been awarded. The chart below depicts SGIP and EMP LMG TransNet revenue received, grant funds awarded, and the number of cycles completed for each program.



Notes: EMP LMG: The SANDAG Board allocates funding to the EMP LMG through the triennial Regional Management and Monitoring Work Plan. The remaining Non-Grant TransNet Revenue (in grey) is used for mitigation for major highway and transit projects identified in the Regional Plan.

Housing Acceleration Program (HAP) Grants Awarded



Using state Regional Early Action Planning (REAP) funds through the California Department of Housing and Community Development (HCD), SANDAG administers the HAP. The HAP provides competitive grants to local jurisdictions to fund planning and capital projects related to accelerating housing production within smart growth or mobility hub planning areas. HAP grants are versatile and can fund various planning activities, such as staff augmentation, density bonus ordinances, housing plan element updates, anti-displacement strategies, objective design standards, and more.

Note: Both HAP cycles were undersubscribed, and funds were reallocated to other HAP initiatives in the region

Smart Growth Incentive Program (SGIP) Overview

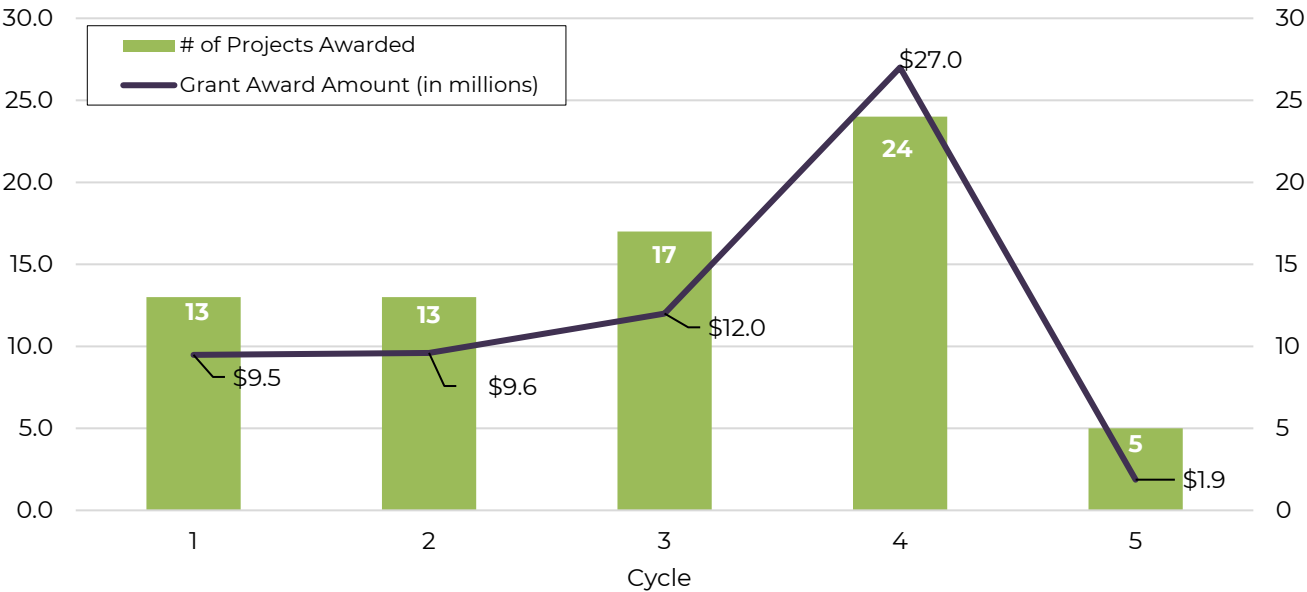


The SGIP was launched in 2009 and has released five cycles of grant funding. SGIP has awarded more than \$59 million in TransNet funds throughout the region, funding 34 capital and 38 planning projects. SGIP grants are awarded to local jurisdictions to fund transportation-related infrastructure improvements and planning efforts that promote smart growth development and “create more compact, walkable, bikeable, and transit-oriented communities.” The program has significantly improved downtowns and business districts from Oceanside to Chula Vista. Many communities have enhanced downtown streetscapes, built biking and walking paths, created plazas, enhanced pedestrian crossings, and made improvements to transit stations through SGIP grant funds.

- 8 ACTIVE SGIP GRANTS (Approximately \$10.5 million)
- 60 COMPLETED SGIP GRANTS (Approximately \$48.7 million)

Smart Growth Incentive Program by Cycle

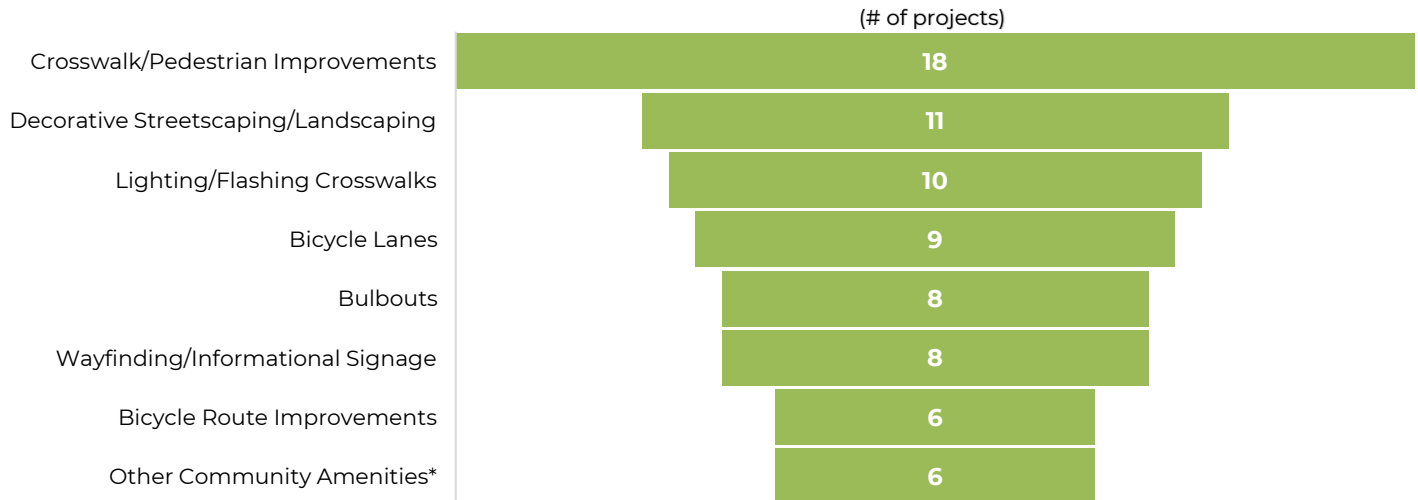
The graph below shows the grant amount awarded and number of projects awarded per cycle.



Completed SGIP Projects

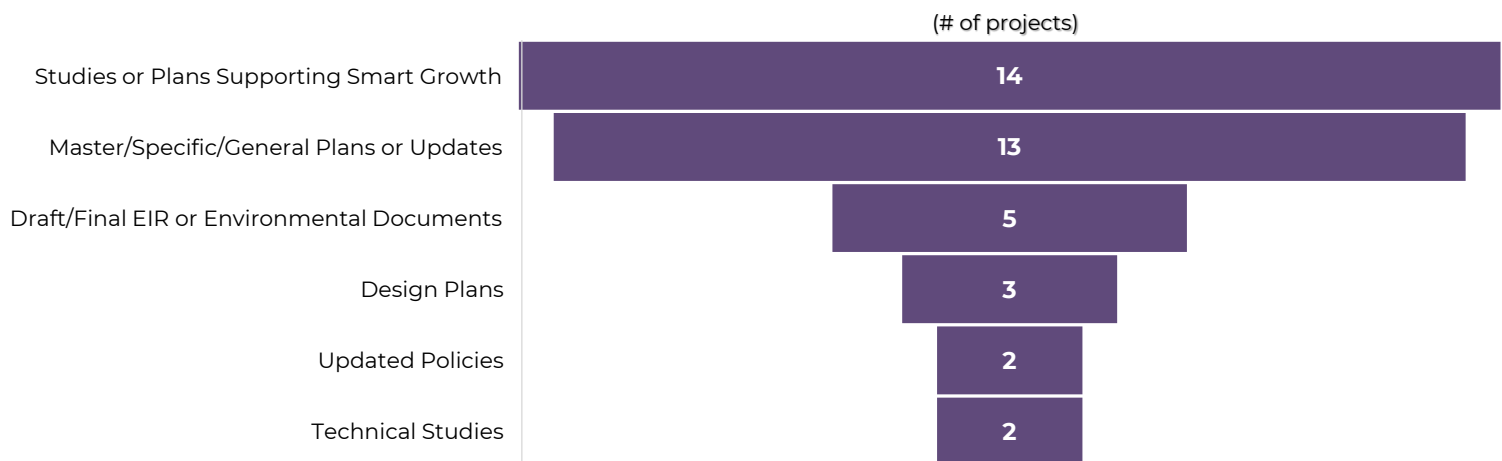
60 SGIP projects have been completed to date. The 30 capital and 30 planning projects were awarded \$48.7 million and 95% of their grant awards were reimbursed. Below are tables for each project type with their respective top performance metrics attained.

Capital Projects Top Performance Measures (for 30 projects)



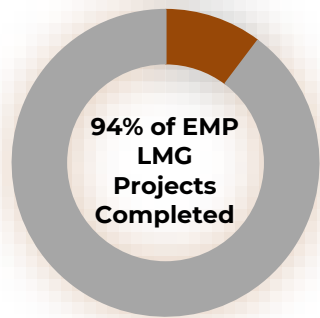
*-Other Community Amenities include public restrooms, public art, and a play area.

Planning Projects Top Performance Measures (for 30 projects)



The 60 SGIP projects completed by thirteen jurisdictions have project outputs that are aligned with smart growth principles. The first four SGIP grant cycles (2009-2020) did not include performance measures. Therefore, the data above results from identifying project outcomes via quarterly progress and final project reports. It wasn't until the fifth cycle of SGIP when performance measures were included in project reporting. In January 2025, a SGIP Cycle 6 call for projects was released and requires performance measures from applicants. Moving forward performance measures will be required of all competitive SANDAG TransNet grants.

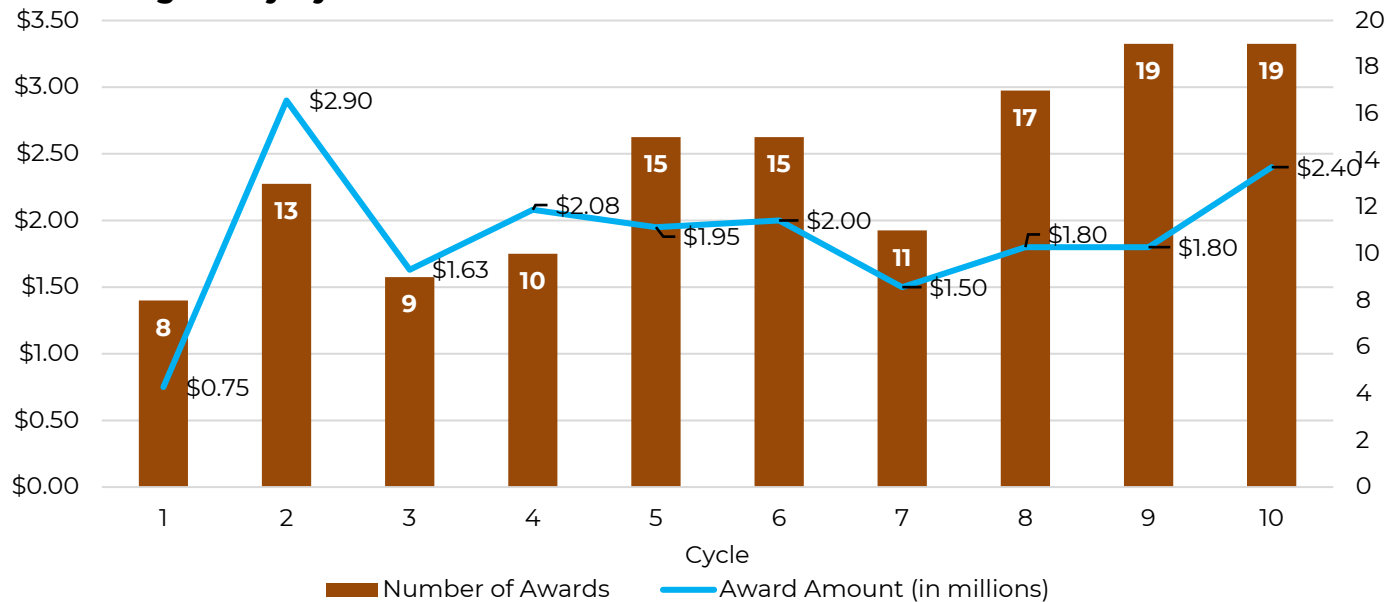
Environmental Mitigation Program Land Management Grant (EMP LMG) Program Overview



Started in 2006, the EMP LMG Program uses TransNet funds to support SANDAG’s Environmental Mitigation Program which implements regional habitat management and monitoring efforts that mitigate habitat impacts for regional transportation projects. These efforts help maintain the region’s biological integrity by avoiding the future listing of species as endangered. A total of 136 land management grants totaling \$17.8 million have been awarded to land management entities such as private nonprofits, local jurisdictions, and other government agencies in the region.

- 9 ACTIVE EMP LMG** (Approximately \$1.5 million)
- 127 COMPLETED EMP LMG** (Approximately \$16.3 million)

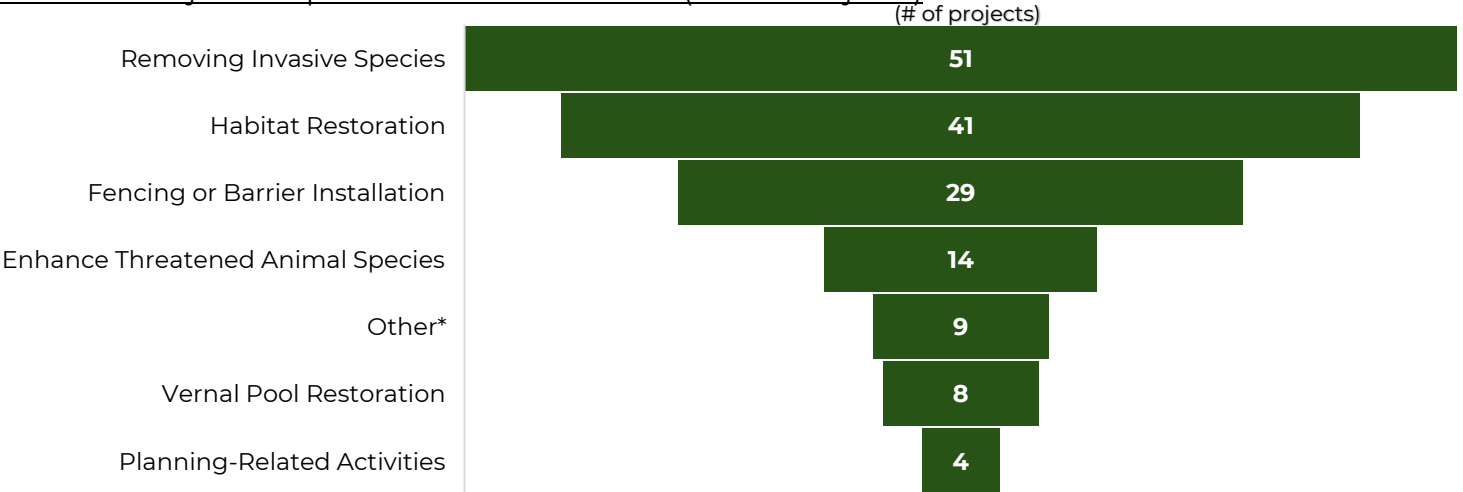
EMP LMG Program by Cycle



Completed EMP LMG Projects

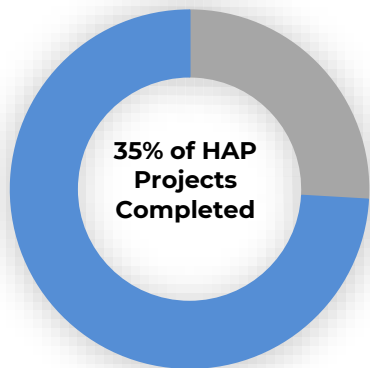
EMP LMG projects have been completed by 44 different grantees throughout the region since the program’s first cycle. Below are the most frequently achieved performance measures for the completed EMP LMG-funded projects. It is important to note that EMP LMG completed projects include multiple land management activities/performance measures.

EMP LMG Projects’ Top Performance Measures (for 136 Projects)



* - Other may include erosion control, volunteer programs, environmental education, site cleanups, seed collection, and seed banking

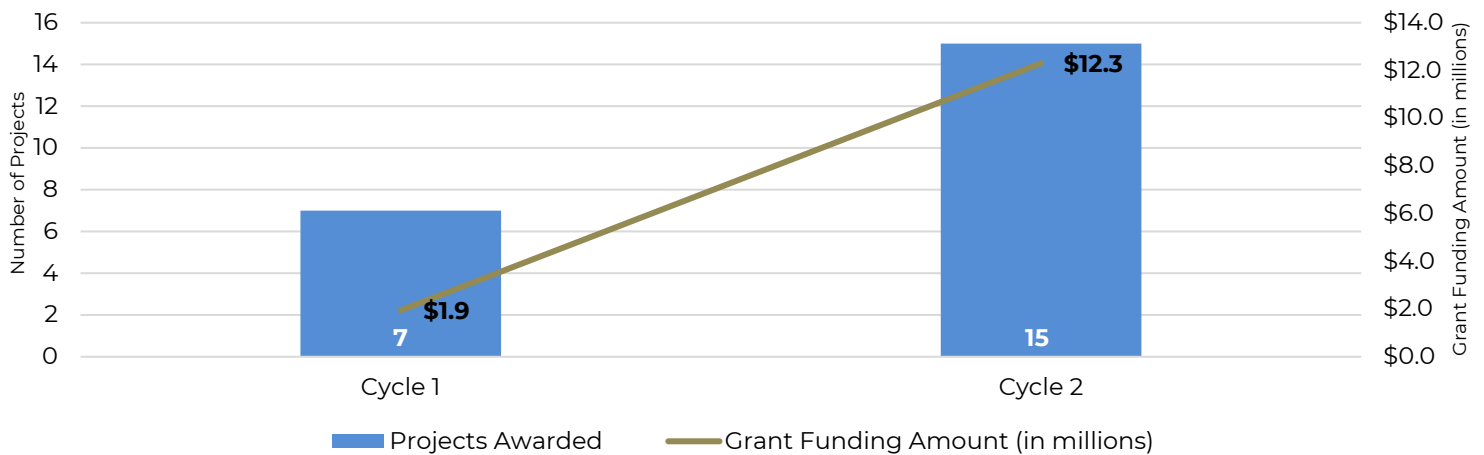
Housing Acceleration Program (HAP) Overview



Starting in 2021, the HAP Grant Program provides funding to local jurisdictions for activities that accelerate housing production and facilitate implementation of the 6th Cycle Regional Housing Needs Assessment (RHNA). To date, 22 grant projects totaling \$14.2 million have been awarded to jurisdictions via a competitive process. SANDAG awarded \$1.9 million for planning projects in Cycle 1 and \$12.3 million for capital and planning projects in Cycle 2. The pie chart on the left only reflects 20 projects because two HAP Cycle 2 grantees did not execute grant agreements by the end of the reporting period.

- **13 ACTIVE HAP GRANTS** (Approximately \$9.5 million)
- **7 COMPLETED HAP GRANTS** (Approximately \$1.9 million)

HAP Funding Awards by Cycle



Completed HAP Projects

For HAP Cycle 1, seven planning projects were awarded and all were completed by the end of 2024. The following tables show the top performance metrics accomplished for the seven HAP Cycle 1 completed projects.

HAP Cycle 1 Planning Projects' Top Performance Measures (for 7 Projects)



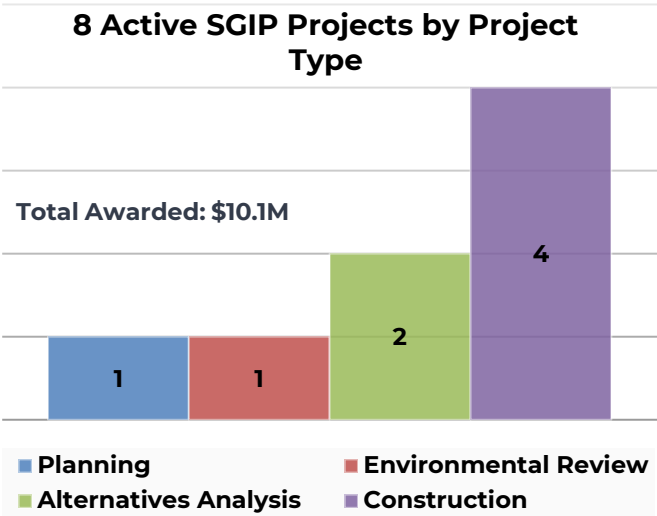
Active Grant Monitoring

Active SGIP Projects

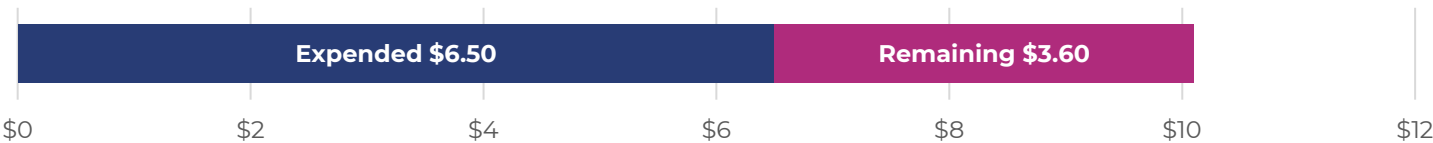
A total of 8 SGIP projects were active and 1 project was completed during the reporting period. The grant award total for the eight active projects is \$10.1 million.

The single, completed SGIP project during this reporting period was the El Cajon Transit Center Connection Improvements project. Quantifiable metrics for this project are listed below:

- Roundabout
- Widened sidewalks
- Thematic lighting
- Enhanced crosswalks
- Bulb-outs
- Low-impact development basins
- Class I bikeway



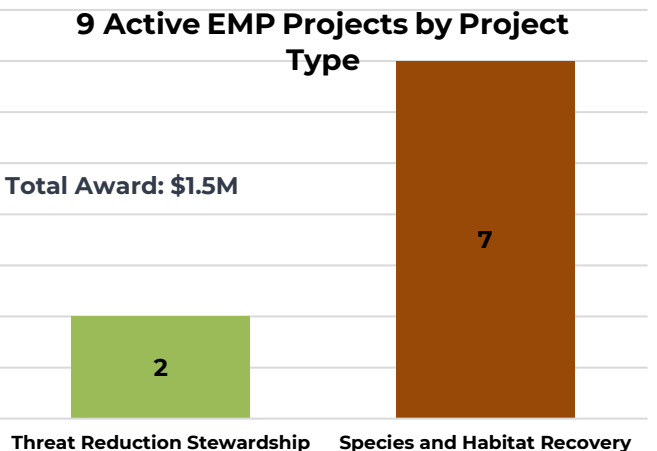
Active SGIP Project Budget Spent and Remaining (in millions)



Active EMP LMG Projects

A total of 9 EMP LMG projects are active and 3 have been completed this reporting period and are pending closeout. The cumulative grant award for the remaining 9 projects is approximately \$1.5 million. The three projects that are completed are Threat Reduction Stewardship¹ projects. Project performance measures achieved for the three completed projects are:

- Habitat restoration of more than 2 acres of vernal pools, alkali playa, and maritime succulent scrub
- Invasive plant treatment of 42 acres of non-native grasses
- Habitat restoration of two acres of coastal sage scrub
- Treatment of 50 acres of the invasive plant Stinknet
- 3 public outreach events
- Restored perimeter fencing and signage



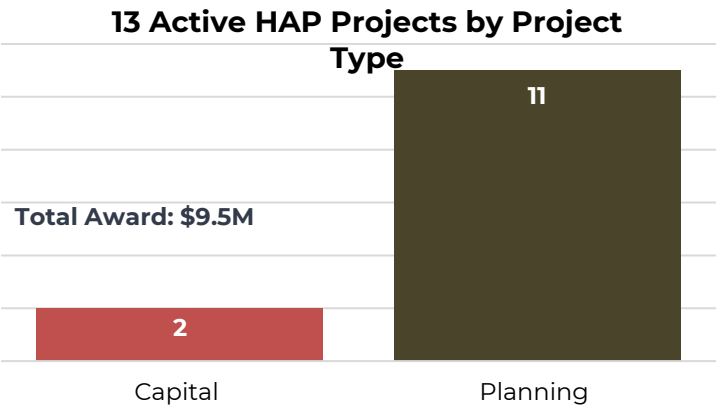
¹Threat Reduction Steward Project: reduces threats to Management Strategic Plan for Conserved Lands in Western San Diego (MSP) species and their habitats on existing conserved lands. Example stewardship activities include but are not limited to control of invasive plant and animal species; erosion control; trail maintenance needed to protect MSP species; signage and directional fencing; enforcement; linkage improvement, and access control.

Active EMP LMG Project Budgets Spent and Remaining

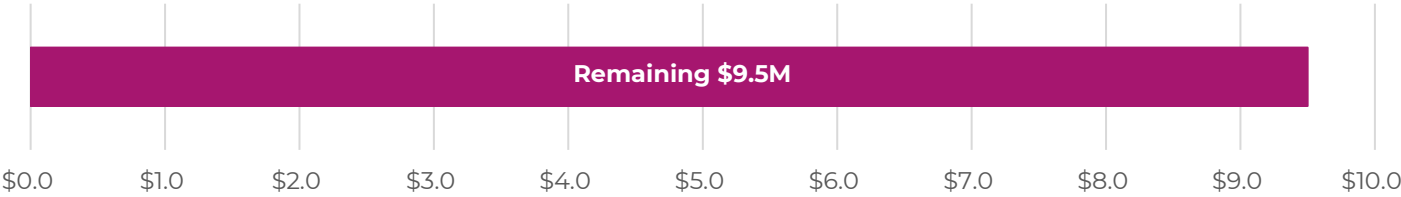


Active HAP Projects

For HAP Cycle 2, fifteen projects were awarded \$12.3 million in 2023. HAP Cycle 2 grant agreements were executed in winter 2024-2025 and by the end of the reporting period, thirteen HAP Cycle 2 project agreements were executed. The now active 13 HAP projects have a total grant award sum of \$9.5 million. The projects awarded, categorized by type, are illustrated in the chart on the right. Due to HAP Cycle 2 agreements being recently implemented, there are no project updates or performance measures to report for this period.



Active HAP Project Budgets Spent and Remaining (in millions)



Mayor
John W. Minto
City Council
Ronn Hall
Laura Koval
Rob McNelis
Dustin Trotter

December 12, 2024

Jenny Russo
Grants Program Manager
SANDAG
401 B Street, Suite 800
San Diego, CA 92101

SUBJECT: Amendment Request for Agreement Number **No. S1021810** Regarding the **Santee Specific Plan** Project

Dear Ms. Russo,

The City of Santee is requesting an amendment to agreement **No. S1021810** for the **Santee Specific Plan ("Project")** for a three-month extension due to unanticipated technical support and collaboration requests. Per Board Policy No. 035 regarding extension requests, the City is providing the following justification responses:

Previous efforts undertaken to maintain the Project schedule

On April 14, 2023 the City entered into a contract with a third-party consultant (M.W. Steele Group, Inc.) to complete the Program EIR and prepare the corresponding technical studies for the Project. As highlighted in the quarterly reports for the Project, the Project had been moving forward in accordance with the SGIP grant schedule, with significant progress on Project tasks, including preparation of a Draft Town Center Specific Plan and Draft Program EIR. The Project is nearing completion with approximately 90% of the Project tasks and deliverables completed.

A detailed explanation on the reason for the delay, and how it was unavoidable

The delay has been precipitated by a combination of two successive factors that have collectively resulted in the Project being unable to be completed under the current grant schedule.

During the preparation of the Draft Program EIR, it was determined that a Water Supply Assessment (WSA) would be needed as a supporting technical document. The Project

EIR was not scoped or anticipated to need a WSA. As such, an extraordinary appropriation request from the City Council was required in order to cover the costs associated with Padre Dam Municipal Water District (PDMWD) preparing the WSA. Furthermore, the PDMWD Board was required to take formal action in approving the WSA before it was furnished to the City. This resulted in an approximate two-month delay to the Draft Program EIR being made available for public review and comment and limiting flexibility in the grant schedule for additional delays.

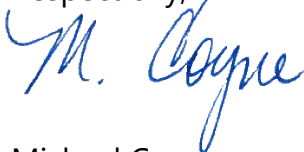
With the public review of the Project's Draft Program EIR, the City received public agency comments from the ALUC that required the City to submit an application for a determination of consistency for the Project with the Gillespie Field Airport Land Use Compatibility Plan. On December 5, 2024 the City submitted an application to ALUC, with the ALUC anticipating to make a formal determination on the application in January 2025. As such, the City will not be able to take final action on certifying the Program EIR and adopting the Town Center Specific Plan until February or March 2025, which is past the current grant deadline of February 11, 2025.

Demonstrate the ability to succeed in the timeframe proposed

The City is nearing Project completion with approximately 90% of tasks and deliverables completed. The requested three-month extension of the grant to May 11, 2025 would allow sufficient time for an ALUC determination on the Project and subsequent action by the City Council on the Final Program EIR and Town Center Specific Plan in February or March 2025. A three-month extension would allow for a potential delay to the ALUC determination and/or City Council action on the Project.

Enclosed with this letter is the revised project schedule that would be included in the grant amendment, if approved. Thank you for considering this request. If you should have any questions please do not hesitate to contact me.

Respectfully,



Michael Coyne
Principal Planner

619-258-4100 ext. 160

mcoyne@cityofsanteeca.gov

March 7, 2025

Regional Climate Action Planning Updates

Overview

In September 2023, the Board of Directors accepted a \$1 million planning grant from the U.S. Environmental Protection Agency's (EPA) Climate Pollution Reduction Grant (CPRG) program to develop a near-term regional climate plan and a long-term vision for climate action. The [Priority Climate Action Plan](#) (PCAP) was completed in March 2024 and identifies ways to reduce greenhouse gas (GHG) emissions from transportation, buildings, and energy by 2030. It was presented to the Regional Planning Committee at your May 3, 2024, meeting. The regional Climate Action Roadmap (Roadmap) will serve as a comprehensive vision for reducing GHGs across seven sectors through 2050, focusing on the benefits to environmental justice communities. The Roadmap is being developed in coordination with the 2025 Regional Plan.

Action: **Discussion**

Staff will present on the development of a long-term roadmap for climate action in the region and seek feedback on draft greenhouse gas reduction measures.

Fiscal Impact:

This project is funded through a U.S. Environmental Protection Agency (EPA) planning grant under Overall Work Program Project No. 3202000.

Schedule/Scope Impact:

The climate roadmap is due to EPA December 1, 2025.

Key Considerations

The Roadmap will include a new regional GHG inventory, GHG projections to 2050, and analyses of workforce needs, benefits to environmental justice communities, and reductions in air pollutants. It will also identify GHG reduction measures. Attachment 1 shows the proposed list of draft measures to reduce GHG emissions from seven sectors: transportation, electricity, commercial and residential buildings, natural and working lands, waste and materials management, agriculture, and industry. Each measure includes objectives, supporting actions, and possible agencies and/or jurisdictions that would have the authority to implement them.

To develop the draft measures SANDAG staff carried out robust community outreach, research, and technical engagement with climate practitioners. A Climate Table workshop was convened in July 2024 to hear from local governments, public agencies, community-based organizations (CBOs), environmental groups, and others on their priorities for reducing GHG emissions. Staff incorporated the workshop input along with priorities from existing local climate action plans into an initial set of draft measures, which was then refined with climate practitioners through a series of technical meetings in October 2024. Staff sought feedback on the measures at the Mobility Working Group and Sustainable Communities Working Group in January 2025, as well as at the Transportation Committee and an additional Climate Table workshop in February 2025. To enhance engagement in local communities, SANDAG has also been working with the CBOs in SANDAG's network on climate outreach through 2025.

Next Steps

Staff will continue to refine the measures with feedback from the Regional Planning Committee and a public survey that is open through March 26, 2025. The draft regional GHG inventory and draft Roadmap report will be completed this spring and summer respectively. The final Roadmap report will be completed by December 2025, and will serve as a supporting document to the 2025 Regional Plan. Staff will return to provide updates at project milestones.

Antoinette Meier, Senior Director of Regional Planning

Attachment: 1. Draft GHG Reduction Measures for the San Diego Regional Climate Action Roadmap

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Draft GHG Reduction Measures for the San Diego Regional Climate Action Roadmap

February 2025



The San Diego Regional Climate Action Roadmap (Roadmap) will provide a regional vision to support regional collaboration to combat climate change. It builds on existing climate action planning efforts and identifies measures to reduce greenhouse gases (GHG) emissions through 2050. This project is part of a national effort by the EPA to address climate pollution, with grants covering 96% of the U.S. population. It is being developed with support from the University of San Diego (USD) Energy Policy Initiatives Center (EPIC) and through collaboration with local governments, tribal governments, community-based organizations, environmental groups, and others. Below are the initial draft GHG reduction measures by sector.

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Transportation	
Measure T.1 Reduce vehicle miles traveled (VMT) through increased public transit use	
Objectives	T-1.1 Increase transit ridership
	T-1.2 Add bus rapid transit (BRT) service
	T-1.3 Increase frequency and span of service of existing routes
	T-1.4 Expand trolley/light rail service
Supporting Actions	<ul style="list-style-type: none"> a. Plan and implement BRT routes that prioritize faster mobility, especially for low-income and disadvantaged communities, and other areas with limited transit access b. Advance the <u>Purple Line project</u> c. Encourage transit use through programs such as <u>Youth Opportunity Pass</u> and <u>Try Transit</u>, and explore additional incentives for Low-Income and Disadvantaged Communities (LIDACs) d. Identify opportunities to improve transit stop amenities, such as installation of shade, seating, lighting, Wi-Fi, and restrooms, focusing on safety and accessibility e. Increase frequency of transit services f. Identify and plan double tracking of rail corridors and grade separations throughout rail system g. Plan and implement a regional airport transit connector for San Diego International Airport and explore transit connections to Tijuana Cross Border Xpress h. Expand bus priority features
Authority to Implement	Agencies such as SANDAG, San Diego Metropolitan Transit System (MTS), and North County Transit District (NCTD)

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Transportation	
Measure T.2 Reduce VMT through active transportation	
Objectives	T-2.1 Build and/or improve bikeways to expand safe and accessible routes
	T-2.2 Build and/or improve sidewalks to expand safe and accessible routes
Supporting Actions	<ul style="list-style-type: none"> a) Advance the early action projects in the Regional Active Transportation Plan b) Continue the Active Transportation Grant Program to fund construction of protected bikeways, focusing on LIDACs c) Implement Safe Routes to Schools projects d) Implement Complete Streets projects across the region e) Implement Vision Zero Action Plan safety countermeasures f) Develop and/or expand incentive programs for bikes and e-bikes g) Increase bicycle parking and storage h) Expand signal prioritization for cyclists and pedestrians i) Conduct outreach and education on active transportation to stakeholders including students
Authority to Implement	Agencies and organizations such as SANDAG and local jurisdictions

Transportation	
Measure T.3 Reduce VMT through expansion of flexible fleets	
Objectives	T-3.1 Increase micromobility, such as electric scooters, bikeshare, and e-bikes
	T-3.2 Increase microtransit, including neighborhood electric vehicles (NEVs)
	T-3.3 Increase on-demand rideshare
Supporting Actions	<ul style="list-style-type: none"> a) Expand and implement flexible fleet services throughout the region, prioritizing LIDACs and Transit Priority Areas b) Expand first/last mile connections to transit c) Explore opportunities for bike share programs
Authority to Implement	Agencies and organizations such as SANDAG, local jurisdictions, and transportation network companies

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Transportation	
Measure T.4 Reduce VMT through Transportation Demand Management (TDM)	
Objectives	T-4.1 Reduce single-occupancy vehicle commuter trips through TDM strategies
Supporting Actions	<ul style="list-style-type: none"> a) Support and increase participation in regional rideshare and vanpool programs b) Expand Sustainable Transportation Services programs c) Support telework throughout the region d) Conduct outreach and education on TDM strategies and programs
Authority to Implement	Agencies and organizations such as SANDAG, local jurisdictions, and employers/businesses

Transportation	
Measure T.5 Increase adoption of zero-emission vehicles (ZEVs)	
Objectives	T-5.1 Increase the light-duty ZEV population
	T-5.2 Increase medium- and heavy-duty ZEV population
	T-5.3 Install charging and refueling infrastructure for light-duty ZEVs
	T-5.4 Install charging and refueling infrastructure for medium- and heavy-duty ZEVs
	T-5.5 Convert passenger rail cars to zero-emission
Supporting Actions	<ul style="list-style-type: none"> a) Implement and/or expand an incentive program for light-duty ZEVs with an emphasis on LIDACs b) Implement and/or expand an incentive program for medium- and heavy-duty ZEVs, including trucks, transit buses, school buses, and rail c) Support fleet electrification for municipalities, tribal governments, and public agencies through technical assistance d) Develop and implement regional programs to install ZEV charging and refueling infrastructure for light-duty vehicles, including multifamily properties e) Develop and implement regional programs to install charging and refueling infrastructure for medium- and heavy-duty vehicles f) Coordinate with rideshare providers like transportation network companies (TNCs) and vanpool operators on electrification efforts
Authority to Implement	Federal, state, and local government agencies and utilities such as SANDAG, local jurisdictions, San Diego County Air Pollution Control District (SDAPCD), San Diego Community Power (SDCP), Clean Energy Alliance (CEA), and San Diego Regional Energy Network (SDREN), San Diego Gas & Electric (SDG&E)

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Transportation	
Measure T.6 Reduce fuel use from idling	
Objectives	T-6.1 Install roundabouts and/or traffic circles
	T-6.2 Optimize traffic signals
	T-6.3 Implement curb management strategies that reduce idling
Supporting Actions	<ul style="list-style-type: none"> a) Support traffic flow planning and project prioritization that addresses safety for all travel modes b) Identify priority intersections for roundabouts to reduce vehicle idling and improve public safety c) Expand the use of smart intersection signals d) Explore and implement curb management strategies including delivery zones and time of use policies e) Implement ZEV actions outlined in the Sustainable Freight Strategy
Authority to Implement	Agencies such as SANDAG, California Department of Transportation (Caltrans), and local jurisdictions

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Electricity	
Measure E.1 Decarbonize the regional electric grid	
Objectives	E-1.1 Increase distributed renewable energy generation
	E-1.2 Increase regional participation in fully renewable electricity options ahead of state mandates
Supporting Actions	<ul style="list-style-type: none"> a) Develop and/or expand residential programs to incentivize rooftop solar and battery storage (single- and multi-family), with a focus on LIDACs b) Develop and/or expand a regional program to incentivize rooftop solar and battery storage for commercial buildings, with a focus in LIDACs c) Develop and/or expand a municipal program to support local government, tribal government, and public agency solar and battery storage projects d) Develop and/or expand a regional program to incentivize community solar and microgrids with a focus on renters, LIDACs, and rural areas e) Identify opportunities to expand utility-scale renewable energy options including solar, wind, and geothermal installations. f) Identify opportunities to streamline siting and permitting of clean energy projects g) Identify grid constraints to increase capacity of the distribution system h) Conduct outreach and education on distributed energy programs i) Expand local workforce development training for the installation and maintenance of distributed energy projects j) Continue promoting local jurisdiction and public agency participation in CCAs
Authority to Implement	Agencies and utilities such as local jurisdictions, SDCP, CEA, SDREN, and SDG&E

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Buildings	
Measure B.1 Increase energy efficiency of buildings	
Objectives	B-1.1 Increase energy efficiency of municipal buildings
	B-1.2 Increase energy efficiency of residential buildings
	B-1.3 Increase energy efficiency of non-residential buildings
Supporting Actions	<ul style="list-style-type: none"> a) Implement regional municipal energy efficiency programs for local government, tribal government, and public agency sites. b) Implement regional residential energy efficiency programs that prioritize program offerings and technical assistance with LIDACs, rental sites, and rural communities c) Implement regional non-residential energy efficiency programs that prioritize program offerings and technical assistance in LIDACs d) Develop a model reach code or ordinance that reduces energy use intensity of existing buildings e) Expand adoption of municipal procurement policies that encourage energy efficiency f) Develop workforce training on energy efficient equipment and infrastructure g) Conduct outreach for residents, building managers, and businesses to increase participation in energy efficiency programs
Authority to Implement	Agencies such as SDG&E, SDCP, CEA, SDREN, and local jurisdictions

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Buildings	
Measure B.2 Increase electrification of buildings	
Objectives	B-2.1 Electrify municipal buildings
	B-2.2 Electrify residential buildings
	B-2.3 Electrify nonresidential buildings
Supporting Actions	<ul style="list-style-type: none"> a) Develop and implement a regional program to provide technical assistance and financial incentives to replace municipal appliances such as gas water heaters, boilers, and traditional HVAC systems with heat pumps and other advanced electrification technologies b) Develop and implement a regional program to provide technical assistance and financial incentives to replace residential appliances such as gas water heaters, stoves, and traditional HVAC systems with residential heat pump technologies, with an emphasis on LIDACs c) Develop and implement a regional program to provide technical assistance and financial incentives to replace nonresidential appliances such as gas water heaters and traditional HVAC systems with heat pump water technologies, with an emphasis on LIDACs d) Expand outreach for residents, building managers, and businesses to increase awareness of health effects for indoor gas appliances and encourage the use of electric appliances e) Develop model reach code or ordinance that requires all-electric equipment in new residential, commercial, industrial buildings, and significant retrofits of existing buildings f) Develop an energy benchmarking program and performance standards for existing buildings g) Develop a regional building stock assessment to help target building electrification programs h) Research and identify opportunities to establish indoor NOx limits for appliances
Authority to Implement	Agencies such as SDG&E, SDCP, CEA, SDREN, SDAPCD, and local jurisdictions

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Natural & Working Lands	
Measure NWL.1 Conserve marine and wetland ecosystems	
Objectives	NWL-1.1 Preserve and restore wetlands, including lagoons, estuaries, and salt marshes
	NWL-1.2 Preserve and restore kelp forests and eelgrass beds
Supporting Actions	<ul style="list-style-type: none"> a) Implement regional programs that ensure coastal wetland habitats can keep pace with future sea level rise and flooding, such as restoration done under the <i>TransNet</i> Environmental Mitigation Program b) Implement regional programs to remove invasive plants, including long-term maintenance and planting native species to advance the <u>Invasive Plant Strategic Plan</u> c) Construct living shorelines, which are protected, stabilized shorelines constructed with natural materials and native dune plants through programs such as the <i>TransNet</i> Environmental Mitigation Program d) Implement the Multiple Species Conservation Program and Multiple Habitat Conservation Program e) Partner with tribal governments to incorporate and apply indigenous land management practices to contribute towards habitat restoration efforts in marine and wetland ecosystems f) Expand regional programs that protect and restore seagrass and kelp forests in the face of changing ocean conditions g) Expand regional programs that protect and restore rivers and streams that feed into the riparian areas and ocean h) Identify opportunities to streamline permitting to restore lands
Authority to Implement	Government agencies such as SANDAG, the Port of San Diego, other regional agencies, local jurisdictions, federal and state agencies

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Natural & Working Lands	
Measure NWL.2 Conserve forest, shrublands, and chaparral ecosystems	
Objectives	NWL-2.1 Preserve and restore forest ecosystems
	NWL-2.2 Preserve existing shrublands and chaparral ecosystems from development and conversion
	NWL-2.3 Restore degraded shrubland and chaparral ecosystems that will increase connectivity, enhance ecosystem resilience, and reduce the permanent loss of carbon on the landscape
Supporting Actions	<ul style="list-style-type: none"> a) Implement regional programs that protect and restore forest, shrubland, and chaparral ecosystems, including restoration efforts in areas recovering from severe wildfires, through programs such as the TransNet Environmental Mitigation Program b) Remove invasive plants to advance the Invasive Plant Strategic Plan, maintain and plant native species, and expand the capacity of nurseries and native seed banks to increase the quantity and variety of seedlings available to be used in restoration through programs such as the TransNet Environmental Mitigation Program c) Implement the Multiple Species Conservation Program and Multiple Habitat Conservation Program d) Support the acquisition of open space easements in high-sequestration land bodies e) Implement climate smart management of lands, particularly near communities and transportation infrastructure, through efforts such as the development of buffer zones to reduce wildfire risks, prevent carbon loss, and increase resilience f) Partner with tribal governments to incorporate and apply indigenous land management practices to contribute towards habitat restoration efforts in forest, shrublands, and chaparral ecosystems g) Expand workforce development programs for reforestation and wildfire recovery h) Identify opportunities to streamline permitting to restore lands
Authority to Implement	Government agencies such as SANDAG, other regional agencies, local jurisdictions, state agencies, and federal agencies

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Natural & Working Lands	
Measure NWL.3 Increase urban canopy cover	
Objectives	NWL-3.1 Increase urban tree canopy cover, prioritizing LIDACs
	NWL-3.2 Increase urban green space in communities, prioritizing LIDACs
Supporting Actions	<ul style="list-style-type: none"> a) Promote the use of native, climate-appropriate, and low water use trees and shrubs in landscaping b) Develop a regional urban forestry management plan and conduct a regional inventory to assess urban canopy cover every 5 years c) Expand regional tree planting efforts prioritizing LIDACs d) Expand and maintain nature-based climate solutions, such as trees and green stormwater infrastructure in new and existing community infrastructure investments e) Increase water reuse and rainwater harvesting for urban green spaces
Authority to Implement	Government agencies such as local jurisdictions

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Waste & Materials Management	
Measure WMM.1 Divert waste from landfills	
Objectives	WMM-1.1 Divert organic waste from landfill
	WMM-1.2 Increase food recovery
	WMM-1.3 Divert solid waste and construction & demolition waste from landfill
Supporting Actions	<ul style="list-style-type: none"> a) Conduct a regional waste audit every 5 years to track progress b) Develop a regional assessment of current participation in organic waste collection services and the effectiveness of outreach strategies c) Develop community composting and organic waste collection programs and targeted outreach to businesses, schools, LIDACs, etc. d) Identify opportunities for organic waste collection services to provide compost to community gardens in LIDACs e) Support and expand food recovery organizations and programs f) Minimize waste generation by strengthening the circular economy through programs such as fix-it clinics g) Expand and implement deconstruction programs to increase the reuse of reclaimed building materials h) Develop and implement regional workforce training and education programs on deconstruction as an alternative to demolition i) Develop pilot projects for end markets for deconstructed materials
Authority to Implement	Government agencies such as local jurisdictions

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Waste & Materials Management	
Measure WMM.2 Reduce landfill emissions through increased methane capture	
Objectives	WMM-2.1 Expand and implement methane capture at landfills
Supporting Actions	<ul style="list-style-type: none"> a) Expand programs for methane capture at regional landfills (operating & non-operating), including development of new anaerobic digestion facilities b) Conduct field testing and reporting of landfill methane capture rates
Authority to Implement	Agencies and organizations such as the California Air Resources Board (CARB), SDAPCD, and landfill operators

Waste & Materials Management	
Measure WMM.3 Reduce emissions from water and wastewater treatment facilities and operations	
Objectives	WMM-3.1 Expand and implement methane capture at wastewater treatment facilities
	WMM-3.2 Reduce energy intensity of processes to treat and distribute water
Supporting Actions	<ul style="list-style-type: none"> a) Expand programs for methane capture at regional wastewater treatment facilities, including the use of anaerobic digestors b) Conduct field testing and reporting of wastewater methane capture rates c) Implement water and wastewater recovery projects to reduce emissions associated with treating and storing wastewater
Authority to Implement	Agencies and organizations such as local jurisdictions, water districts, and water and wastewater facilities operators

DISCLAIMER: The statements, measures, and/or calculations in this document are preliminary and subject to change. This document was developed to facilitate discussion in the early stages of SANDAG staff's process for developing climate measures as part of the EPA CPRG program.

Agriculture	
Measure AG.1 Reduce emissions from agricultural operations	
Objectives	AG-1.1 Transition agricultural operations to cleaner fuels and energy sources
	AG-1.2 Increase energy efficiency of agricultural machinery and farm equipment
Supporting Actions	<ul style="list-style-type: none"> a) Implement a regional program to incentivize the replacement of diesel-powered farm equipment with electric equipment and energy-efficient alternatives b) Identify opportunities to expand the use of clean energy in agricultural operations such as agrivoltaics, distributed energy resources, and energy buy-back programs for farmers
Authority to Implement	Agencies and organizations such as SDAPCD, SDG&E, SDCP, CEA and local jurisdictions

Agriculture	
Measure AG.2 Expand urban farming in the region	
Objectives	AG-2.1 Increase land use for urban farming
Supporting Actions	<ul style="list-style-type: none"> a) Encourage the expansion of urban farming in new and existing developments through activities such as updating zoning laws or amending city general plans b) Develop a regional assessment to identify sites for the creation of community gardens, including in locations accessible to the community such as public parks, schools, municipal buildings, and community centers, with an emphasis on LIDACs c) Provide education and resources to support the creation and maintenance of community gardens, including resources for schools and communities d) Expand efforts to promote purchasing from local agricultural businesses, including urban farms and community gardens
Authority to Implement	Government agencies such as local jurisdictions

DISCLAIMER: The statements, measures, and/or calculations in this document are preliminary and subject to change. This document was developed to facilitate discussion in the early stages of SANDAG staff's process for developing climate measures as part of the EPA CPRG program.

Agriculture	
Measure AG.3 Conserve agricultural land	
Objectives	AG-3.1 Preserve agricultural land in the region
Supporting Actions	<ul style="list-style-type: none"> a) Support the voluntary dedication of agriculture conservation easements and other actions that preserve agricultural lands, such as Williamson Act contracts and agricultural zoning b) Conduct regional outreach and engagement with farmers to identify opportunities to support them in preserving agricultural land
Authority to Implement	Government agencies such as local jurisdictions

Agriculture	
Measure AG.4 Manage soil health to sequester carbon	
Objectives	AG-4.1 Improve soil management practices on agricultural lands
Supporting Actions	<ul style="list-style-type: none"> a) Develop regional programs to encourage the use of regenerative agricultural practices, including carbon farming b) Research options to incentivize the reduction of the use of synthetic fertilizers on agricultural lands in the region
Authority to Implement	Government agencies such as local jurisdictions and USDA

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Industry	
Measure IND.1 Reduce fugitive and short-lived climate pollutants (SLCP) emissions	
Objectives	IND-1.1 Reduce fugitive and process emissions
	IND-1.2 Reduce high global warming potential (GWP) refrigerant use
Supporting Actions	<ul style="list-style-type: none"> a) Utilize best available retrofit control technology (BARCT) to achieve air quality and GHG reductions at large industrial sources b) Develop an incentive program to expedite installation of low-GWP refrigeration systems in retail food stores
Authority to Implement	Regulatory agencies such as CARB and other state and federal agencies

Industry	
Measure IND.2 Reduce energy intensity of industrial facilities	
Objectives	IND-2.1 Increase industrial energy efficiency
	IND-2.2 Increase distributed energy resources (renewable or alternative fuel use) in industrial facilities
Supporting Actions	<ul style="list-style-type: none"> a) Develop a regional model ordinance and resources for local governments to adopt and implement requirements to use electric-powered or alternatively-fueled construction equipment that reduces 50% of emissions from project construction activities b) Evaluate the potential for, and promotion of, electrification and/or co-generation with renewable fuels, for industrial stationary sources whose primary emissions are from onsite natural gas combustion c) Support electrification of industrial sites through updates to industrial rate structures
Authority to Implement	Agencies and utilities such as CARB, SDCP, CEA, and SDG&E.



Regional Climate Action Planning

US EPA's Climate Pollution Reduction Grant (CPRG) Program

Regional Planning Committee | Item 4
Susan Freedman, Climate Planning Manager
Samaya Elder, Associate Regional Planner
Natasha Dulik, Associate Regional Planner
March 7, 2025

Agenda



EPA Grant Overview



**Regional Climate
Action Roadmap**



Measure Development
Process



Draft GHG Reduction
Measures



Next Steps

EPA Grant Deliverables

1 grant,
3 deliverables,
over 4 years

1. Priority Climate Action Plan (PCAP)

- Near-term, implementation-ready programs and projects to reduce greenhouse gas (GHG) emissions by 2030
- Requirement to be eligible for federal funding for implementation
- Completed March 1, 2024

2. Regional Climate Action Roadmap

- Comprehensive regional vision for climate action through 2050
- Near- and long-term GHG reduction goals and strategies
- Developing in coordination with SANDAG's 2025 Regional Plan
- Due December 1, 2025

3. Status Report

- Progress and next steps for key metrics
- Due in 2027

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The Regional Climate Action Roadmap

- Long term vision for combatting climate change and supporting regional collaboration
- Includes a new regional GHG inventory
- GHG projections to 2050
- Economy-wide emissions reduction targets
- Measures and actions for the region to reduce climate pollution by 2035 and 2050 for the 7 sectors shown on the right
- Benefits Analyses for
 - Environmental justice communities
 - Reduction of air pollutants
 - Workforce development



Transportation



Electricity



Commercial & Residential Buildings



Natural & Working Lands



Waste & Materials Management



Agriculture



Industry

SANDAG | 4

How were these GHG reduction measures developed?

Draft initial GHG reduction measures

- Research & review of existing measures from local CAPs, Regional Decarbonization Framework, 2021 Regional Plan, etc.
- Input on potential measures at July Climate Table Workshop

Refine draft GHG reduction measures

Input on measures through technical stakeholder meetings with local government and regional agency staff

Gather input to finalize GHG reduction measures

- Interagency meetings with local governments and agencies
- CBO outreach
- Additional Climate Table Workshop in February
- Regional public survey
- SANDAG Working Groups & Committees

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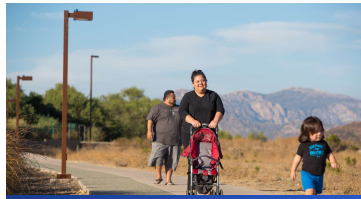
Draft GHG Reduction Measures

6

Transportation



Increase public transit use



Expand active transportation



Expand flexible fleets



Reduce VMT through Transportation Demand Management



Increase adoption of zero-emission vehicles (ZEVs)



Reduce fuel use from idling

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Electricity + Buildings



Decarbonize the regional electric grid



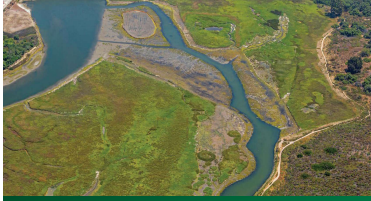
Increase electrification of buildings



Increase energy efficiency of buildings

SANDAG | 8

Natural & Working Lands + Waste & Materials Management



Conserve marine and wetland ecosystems



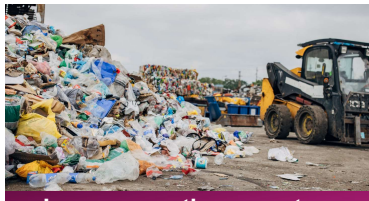
Conserve forest, shrublands, and chaparral ecosystems



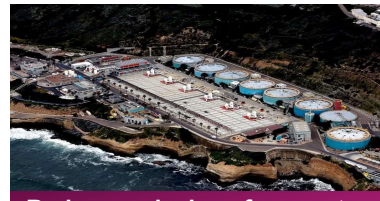
Increase urban canopy cover



Divert waste from landfills



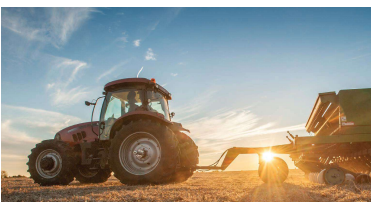
Increase methane capture from landfills



Reduce emissions from water and wastewater treatment

SANDAG | 9

Agriculture + Industry



Reduce agricultural operations emissions



Conserve agricultural lands



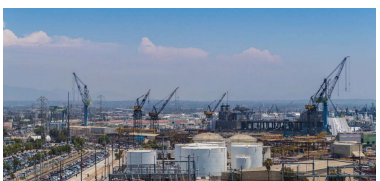
Reduce energy intensity of industrial facilities



Expand urban farming in the region



Manage soil health to sequester carbon



Reduce fugitive and short-lived climate pollutants and emissions

SANDAG | 10

Next Steps

- Review feedback from public survey and refine GHG reduction measures and actions this quarter
- Quantify GHG emissions reductions
- Complete regional GHG inventory this spring
- Publish draft Roadmap & host Climate Table in summer 2025



Breakout session at the Climate Table
February 2025

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SANDAG.org

🔍 Follow us on social media:
@SANDAGregion @SANDAG

✉ Email: ClimateTeam@sandag.org

SANDAG

March 7, 2025

SANDAG's Regional Shoreline Management Program

Overview

With about 70 miles of coastline, San Diego is known world-wide for its dramatic shoreline and beautiful beaches. However, with increasing global temperatures and rising sea-levels, policy makers are challenged with figuring out how to sustain San Diego's beaches and address new threats to coastal infrastructure. As a response to these threats, SANDAG established the Shoreline Preservation Working Group (SPWG) in the 1980s to address regional shoreline erosion and shoreline preservation issues through policy, planning and the implementation of climate adaptation projects.

Over the span of 40 years, the SPWG has been key in the adoption of regional shoreline policy documents, establishment and implementation of a regional shoreline monitoring program, and completion of two regional beach sand nourishment projects to provide protection against coastal erosion and flooding (Attachment 1). This report provides an overview on what the program has accomplished and next steps.

Action: Information

Staff will present an overview of SANDAG's Regional Shoreline Management Program, its accomplishments, and next steps.

Fiscal Impact:

The program is funded annually by the local coastal jurisdictions as part of SANDAG's Overall Work Program (OWP) and grant funding.

Schedule/Scope Impact:

None.

Key Considerations

- SANDAG has adopted four shoreline policy documents to address regional shoreline issues: [Shoreline Preservation Strategy for the San Diego Region](#) (1993), [Regional Beach Sand Retention Strategy](#) (2001), [Sand Compatibility and Opportunistic Use Program Plan](#) (2006) and [Coastal Regional Sediment Management Plan](#) (2009).
- Since 1996 SANDAG has implemented a [Regional Shoreline Monitoring Program](#) to track coastal erosion and sand migration over time.
- SANDAG has implemented two regional beach nourishment projects in 2001 and 2012 ([Regional Beach Sand Project I and II](#)) which placed a total of 3.6 million cubic yards of sand on severely eroding beaches in the region. The regional shoreline monitoring efforts have documented the need for a third regional beach nourishment project.
- In 2022, SANDAG initiated preliminary planning activities (Phase I) for a Regional Beach Sand Project III. Phase I would include a Feasibility Study and Economic Analysis for nourishment located in all eight coastal cities in San Diego and two Orange County cities (Cities of Dana Point and San Clemente) who chose to participate. Phase I is funded by the participating local jurisdictions.
 - On March 6, 2025, the draft Feasibility Study and Economic Analysis Report will be distributed to the participating coastal cities for review. The final Feasibility Study and Economic Analysis Report will be completed in July 2025.
 - Future phases include design, engineering and environmental clearance (Phase II) and construction and monitoring (Phase III). In February, SANDAG applied for a grant from the Department of Boating and Waterways to fund Phase II. SANDAG has initiated discussions with the U.S. Army Corps of Engineers for possible implementation of Phase III.

- In early 2023, the SPWG formed a Technical Taskforce to discuss the latest scientific understanding related to sand movement and sediment management. The Taskforce made several recommendations to the SPWG including:
 - Update and combine four outdated SANDAG Shoreline Policy documents into one plan that reflects current science and identifies data gaps,
 - Form a science and engineering taskforce to guide the proposed Shoreline Policy update,
 - Seek funding to perform a Sand Tracer Study to analyze exactly where sand moves within specific reaches along the coastline,
 - Develop regional consensus on the location of one pilot sand retention project,
 - Develop an open data portal that combines Scripps and SANDAG shoreline data,
 - Develop regional consensus to install and monitor at least one pilot sand retention project, and;
 - Develop and maintain a regional Sand Compatibility Opportunistic Use Permit (SCOUP).
- In 2024, the five counties that comprise southern California formed the Southern California Sand Collaborative to collaborate on beach nourishment and shoreline management issues from Point Conception to the U.S.-Mexican border.

Next Steps

During the remainder of FY 2025 and into FY 2026, the Regional SPWG is: 1) continuing the Regional Shoreline Monitoring Program data collection; 2) finalizing the Regional Beach Sand Project III preliminary planning activities; and 3) seeking funding to update and combine the outdated SANDAG Shoreline Policy documents into one comprehensive plan.

Antoinette Meier, Senior Director of Regional Planning

Attachment: 1. Got Sand? Infobit

SANDAG Infobits

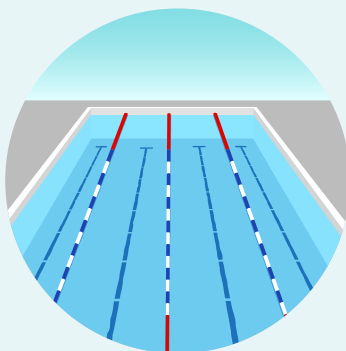
Got Sand? Why Our Beaches Need TLC

July 2020

Did you know?



Coastal erosion, a reduction in sediment from inland waterways, and rising sea levels threaten our region's beaches.



Since 2001, SANDAG has placed approximately **3.6 million cubic yards** of beach quality sand onto our region's beaches. That's enough sand to fill **1,100 Olympic-size swimming pools!**



Sea level rise poses a **threat to our coastal transportation facilities**, including the railroad on top of the Del Mar Bluffs, which could impact the movement of goods and people in our region.

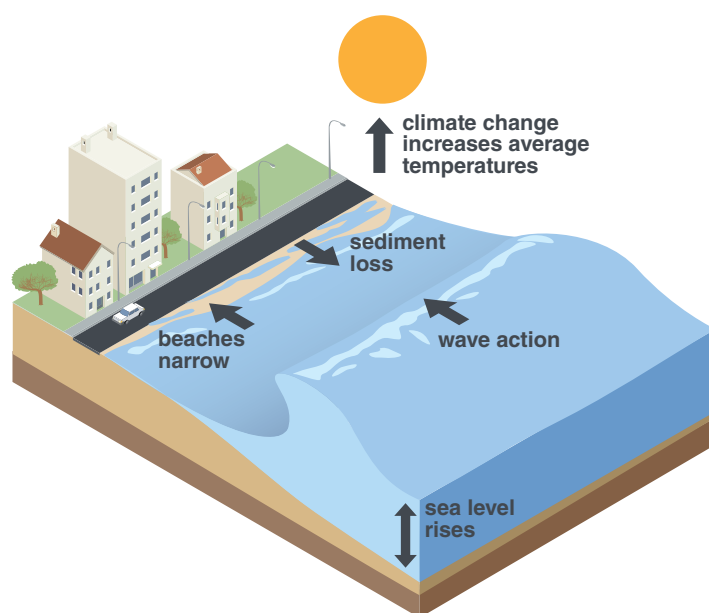
With about 70 miles of coastline, the beaches in the San Diego region are enjoyed by locals and tourists alike. But many people are unaware that policy makers are working to ensure our beaches are maintained and sustainable for years to come.

Why are our beaches at risk? Erosion is a continuous process in which rock, soil, and other materials are worn away and transported by natural forces such as wind and water. California's shorelines are steadily eroding and development has decreased the natural supply of sand that helps to sustain our beaches. Rising sea levels exacerbate this issue and create new threats to the coastline and coastal infrastructure including the second busiest rail corridor in the nation linking San Diego to Los Angeles and San Luis Obispo.

Since the 1980s, the SANDAG Shoreline Preservation Working Group has advised the SANDAG Regional Planning Committee, one of the five SANDAG policy committees that advises the SANDAG Board of Directors.

Thanks to the work of the Shoreline Preservation Working Group, during the last 25 years SANDAG has developed regional sediment management policies, managed an ongoing shoreline monitoring program, and completed several projects to maintain local beaches and coastlines.

Beach Erosion



Key actions include:

- Development of the [Shoreline Preservation Strategy \(1993\)](#) which recommends beach nourishment as the primary shoreline management strategy to address critical erosion areas on the scale of approximately 30 million cubic yards (cy) of sand across the region for initial restoration and nearly 400,000 cy/ year thereafter for maintenance.
- Creation of the [2001 Sand Retention Strategy](#) which concluded that structures that help keep sand on the beach, such as groins, breakwaters, or reefs, have the potential to increase the cost-effectiveness of beach nourishment activities.
- Preparation of yearly beach monitoring reports as part of the [Regional Shoreline Monitoring Program](#). Did you know that most beaches in the San Diego region were at least 20 ft wider prior to the start of the 2015–2016 El Niño than they were before the 1997–1998 El Niño? Wider beaches may have helped to reduce storm impacts in 2015–2016 winter months.
- Implementation of two regional beach sand nourishment projects in [2001](#) and [2012](#) (RBSP I and RBSP II, respectively) that placed a total of 3.6 million cy of sand on badly eroding local beaches.
- Development of the [Regional Transportation Infrastructure Sea Level Rise Assessment and Adaptation Guidance](#) (2020) to examine how sea level rise may impact regional coastal transportation facilities and determine possible ways to adapt to future conditions.



To learn more about the efforts SANDAG and its partners are taking to ensure the region's natural resources are maintained, please visit sandag.org/shoreline

About infobits

SANDAG serves as the region's clearinghouse for information and data. InfoBits publish timely, relevant information informing the public while providing context on complex issues facing the region.

sandag.org



SANDAG's Regional Shoreline Management Program

Regional Planning Committee
March 7, 2025
Courtney Becker, SANDAG

Shoreline Preservation Working Group Since 1980's



Over **22 million** visitors per year visit the San Diego region's beach
generating over **\$2.4 BILLION** per year in beach spending

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1983 El Nino – Unprecedented Storm Damage in California



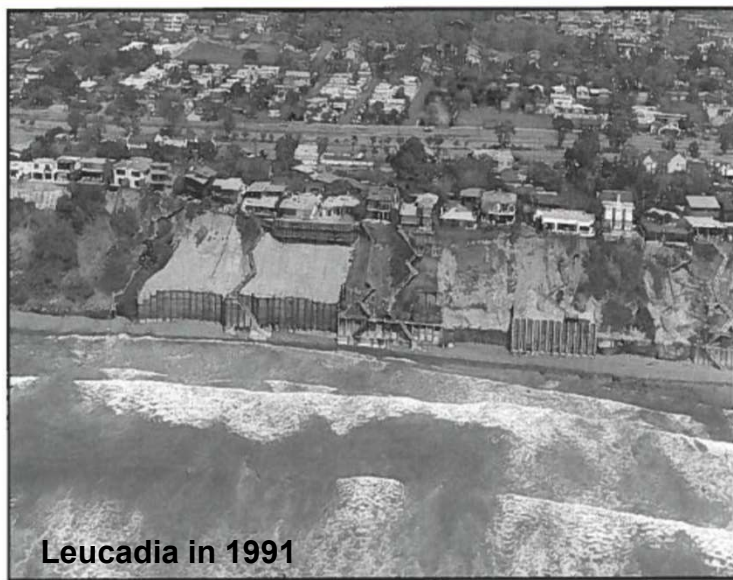
Oceanside Strand,
El Nino Winter of 1983



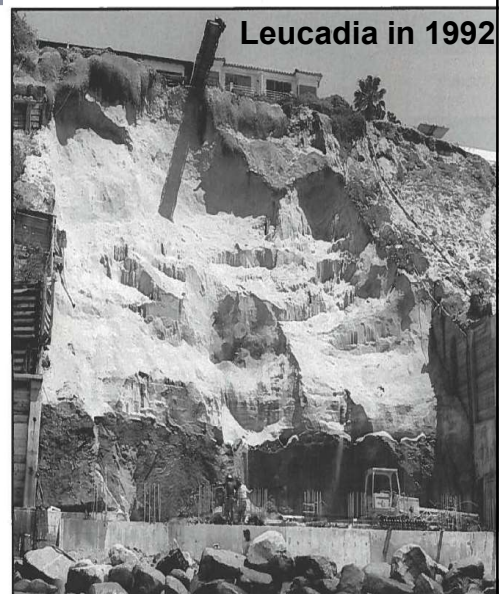
Crystal Pier Storm Damage

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Proliferation of Seawalls

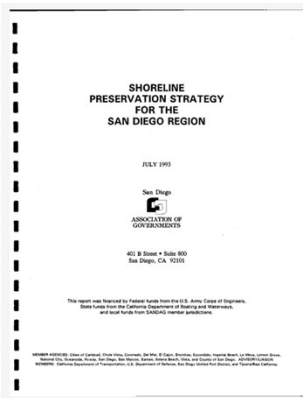


Leucadia in 1991

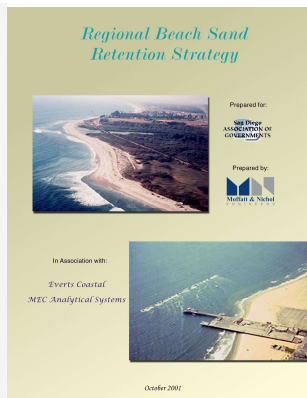


Leucadia in 1992

SANDAG Policy Documents



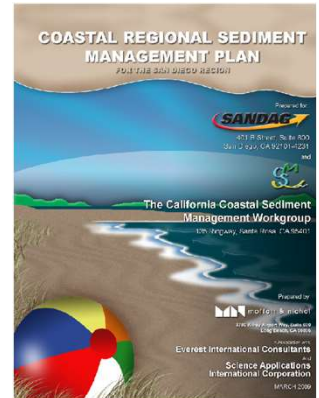
July 1993



October 2001



March 2006

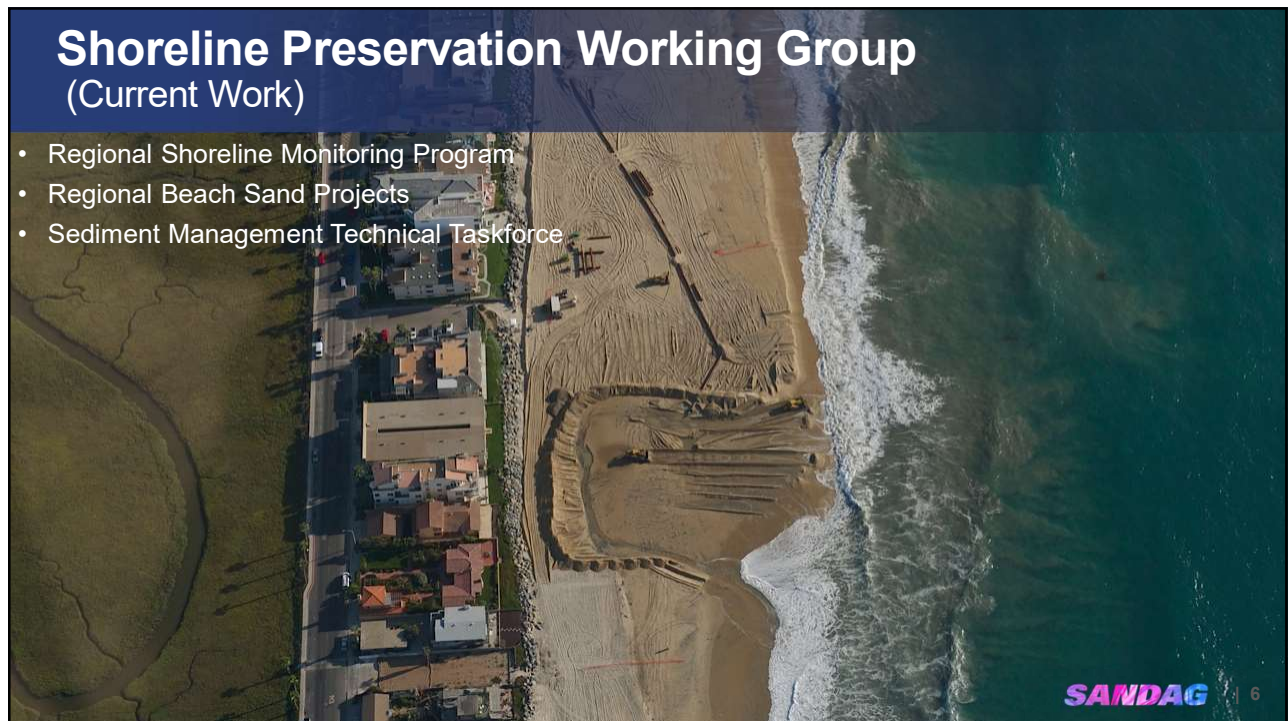


March 2009

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Shoreline Preservation Working Group (Current Work)

- Regional Shoreline Monitoring Program
- Regional Beach Sand Projects
- Sediment Management Technical Taskforce



Regional Shoreline Monitoring Program

Est. since 1996

Purpose: measure the changes in beach width and nearshore sand volume over time to evaluate the change in erosion, sand transport and document the benefits of sand replenishment projects



2023 REGIONAL BEACH MONITORING PROGRAM

ANNUAL REPORT

Coastal Frontiers Corporation
18011 Pacific Drive
Marine, CA 94025
(916) 341-8131 | www.coastalfontiers.com

Annual Reports

SANDAG

Regional Beach Sand Projects I & II



2001 – Regional Beach Sand Project

- 2.1 million cubic yards of sand
- Cost \$18 million
- Jurisdiction's paid for Planning
- Engineering, Environmental and Construction
 - 60% Federal Funding & 40% State Funding



2012 – Regional Beach Sand Project II

- 1.4 million cubic yards of sand
- Cost \$26 million
- Jurisdiction's paid for Planning
- Engineering, Environmental and Construction
 - 85% State Funding & 15% Local Funding

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The 3 Stages of RBSP III



Phase I
Planning, Feasibility &
Economic Analysis

Est. \$200,000
(To be Completed in July 2025)



Phase II
Engineering & Environmental

Est. \$6 million
(Applied to Division of Boating & Waterways
Public Beach Restoration Grant)



Phase III
Construction & Monitoring

TBD

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Sediment Management Technical Taskforce Recommendations

- 1) Update & combine SANDAG Shoreline Policy documents into one plan
 - Reflect current science and identified data gaps
 - Use RBSP III studies to update nourishment and sand retention strategy
 - Nourishment Program not "one-off" projects
 - Form science and engineering taskforce to guide plan development
 - Include S. California peer agencies as advisors
- 2) Continue the Regional Shoreline Monitoring Program data collection and publications
 - Seek funding to create an open data portal for the 28+ years of data
- 3) Develop and maintain regional Sand Compatibility Opportunistic Use Permit (SCOUP)



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Stay connected with SANDAG



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SANDAG.org



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