

Welcome to the San Joaquin  
RCC's Educational Workshop #7:

# Exploring Green Career Pathways

Hosted by Catholic Charities Diocese of Stockton



# Agenda

1	Welcome & Housekeeping
2	San Joaquin RCC Introduction
3	What Are Green Careers?
4	Guest Speakers
5	Interactive Activity
6	Discussion / Q&A
7	Wrap Up





# Icebreaker

- Name
- Pronouns
- City or Organization
- What is your favorite holiday food?

# San Joaquin Regional Climate Collaborative

## INTRODUCTION



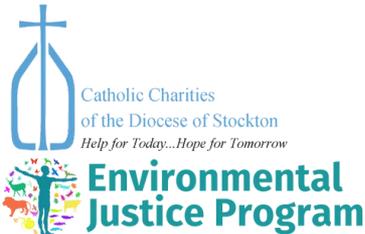


# Regional Climate Collaborative Grant Overview

- Administered by the Strategic Growth Council
- SJCOG was awarded \$1.7 million
- Prioritizes disadvantaged communities that lack the resources to pursue grant funding



# Regional Climate Collaborative Partners



**PUBLIC HEALTH  
ADVOCATES**

UNIVERSITY OF THE  
**PACIFIC** | Center for Business  
and Policy Research



# San Joaquin RCC's Project Vision

*The RCC envisions a region where all communities live in healthy places filled with equity and economic opportunity and are ready to meet the challenges posed by climate change.*



# Regional Climate Collaborative Activities



**RCC  
Formation**



**Community  
Outreach**



**Educational  
Workshops**



**Resource  
Toolkit**

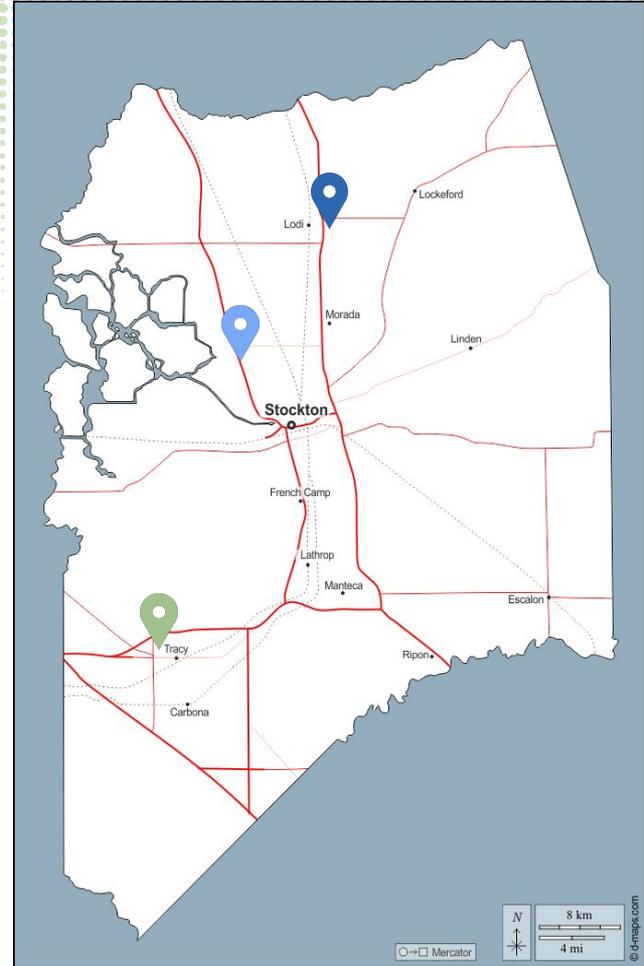


**Technical  
Assistance**

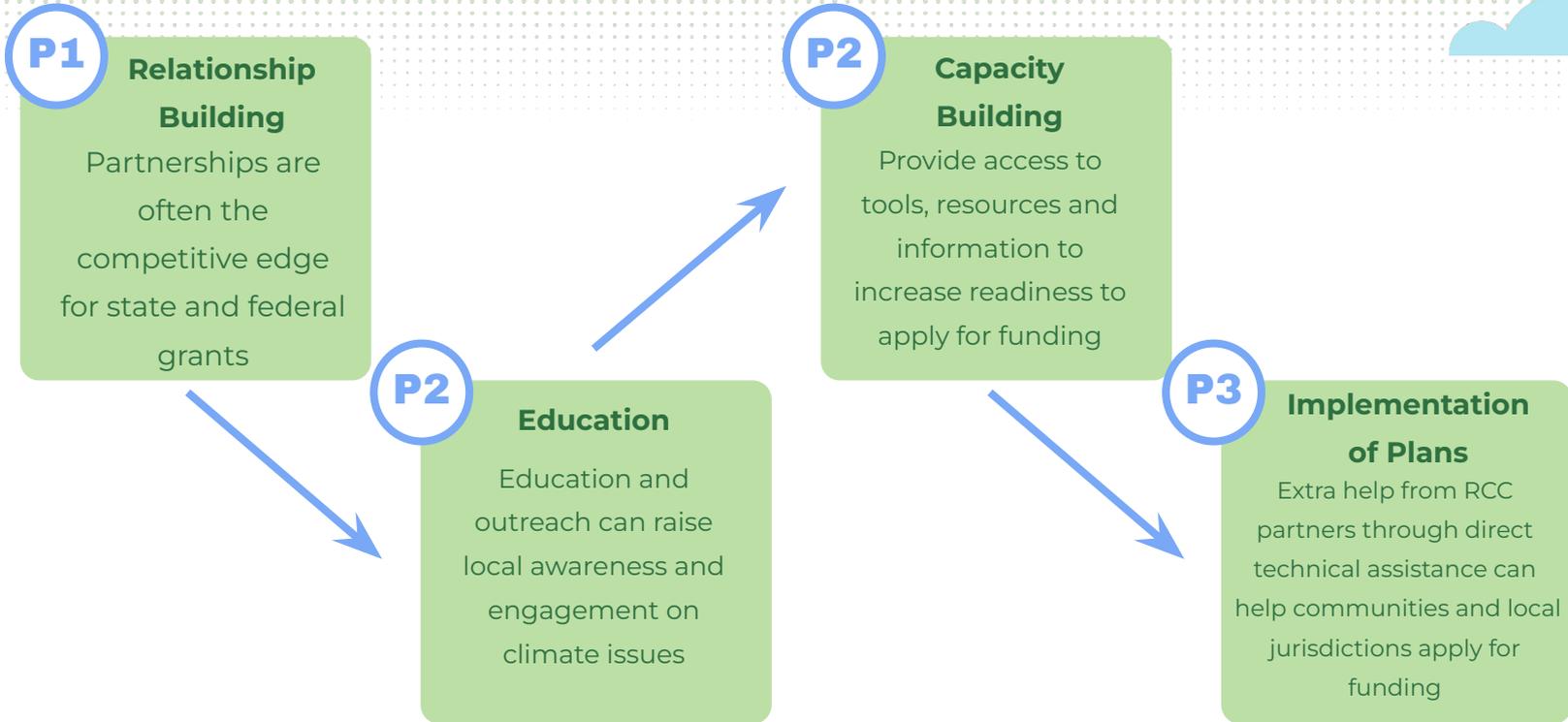


# Communities of Focus

- Lodi
- Stockton
- Tracy



# How can RCC help the region?



# Thank you for your time!

For more information on our efforts,  
please visit:

[www.sjco.org/SJRCC](http://www.sjco.org/SJRCC)

Email: [sjrcc@sjco.org](mailto:sjrcc@sjco.org)





**What are green  
careers?**

# What are green careers?

## Definition

Green jobs help preserve or restore the environment by reducing pollution, conserving natural resources, and creating sustainable products and services.



## Higher Demand

In these fields, the job duties are not changing but the occupation itself will probably grow because of the increased demand for green goods and services.



## New Green Careers

These roles are found across various industries like renewable energy, agriculture, construction, and waste management.



## The Advances in Technology

- Technology that reduces the negative impacts humans make on their environment
- Improved efficiency, performance, and affordability of existing green technology
- Training new people to further technological advancement



## How will green jobs influence workforce growth?

- The change towards a Green Economy can create 24 million jobs throughout the world economy.
- Globally, 1.2 billion jobs depend on the environment, so working to maintain climate resiliency is essential



## What are examples of current green careers near us?

- Resource Management
  - Energy and Conservation
- Planning
  - Building and Maintenance
- Agriculture
  - Business and Sciences
- Education
  - Teachers and Outreach





**Guest Speaker from  
Rising Sun Center  
for Opportunities**



**RISING SUN**  
CENTER FOR OPPORTUNITY



# Introduction to Decarbonization & Green Jobs



# Who Are: Rising Sun and Ava Energy?



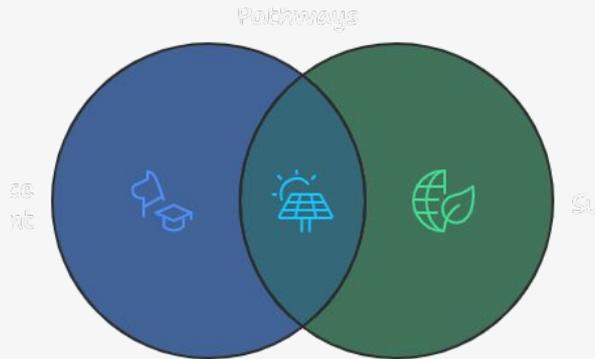
**RISING SUN**  
CENTER FOR OPPORTUNITY

# Rising Sun Center for Opportunity:



**RISING SUN**  
CENTER FOR OPPORTUNITY

- Rising Sun focuses on workforce development and sustainability
  - Seasonal job opportunities
  - Construction job trades



# Ava Community Energy:

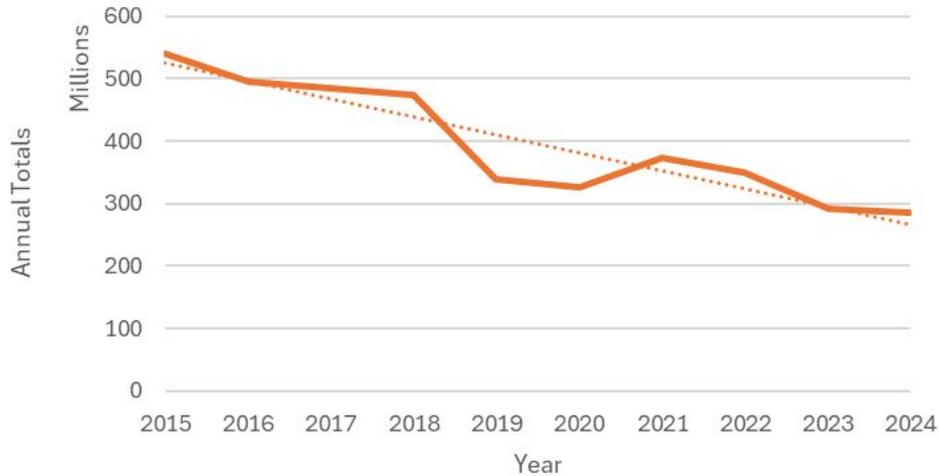


- Provides electricity
  - Renewable sources (solar and wind)
  - Community Choice Aggregation



# What is Decarbonization?

Coal Burned for Electricity



Source: EIA Electric Power Monthly



# Decarbonization

“Decarbonization” are activities that reduce GHG emissions, such as:

- Reducing or removing fossil gas use in buildings

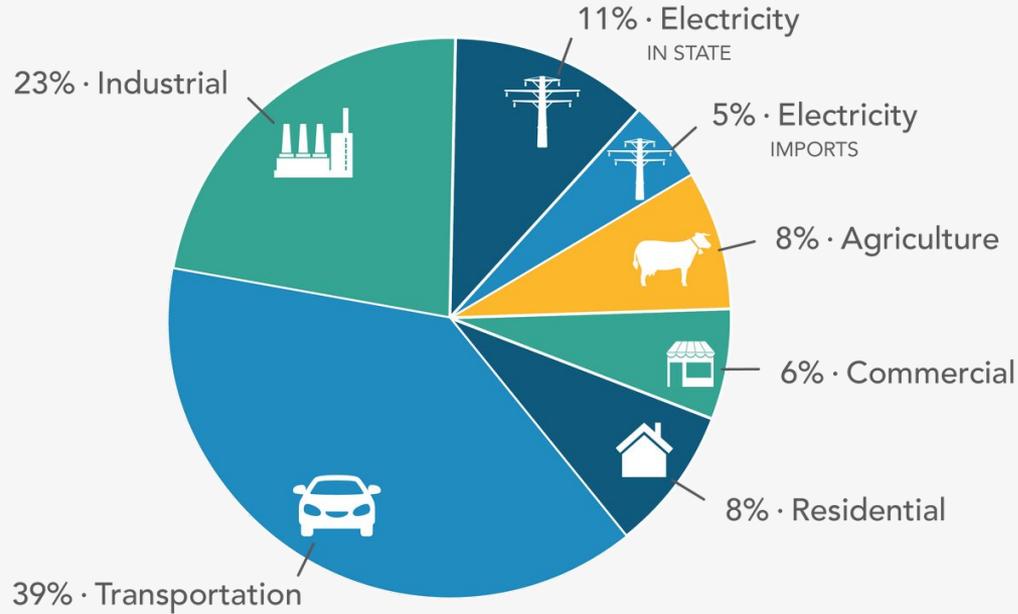


OR

- Replacing fossil fuel-generated electricity with renewable electricity



# Sector-based Green House Gas (GHG) Emissions



371.1 MMT CO<sub>2</sub>e  
2022 TOTAL CA EMISSIONS

# Why is Decarbonization Relevant to YOU?



1. Better for the environment
  - a. Helps improve *pollution*
2. *High energy bills* can be reduced
3. Creates jobs
4. California is moving towards a greener path

# Equity in Transition:

## Who is most affected by pollution and high energy bills?

- Mental Health Impacts
  - Living near *landfills* disrupts: Physical health and mental well-being of communities of color
- Redlining Impacts
  - Counties with large African American populations are exposed to extreme temperatures 2-3 more days per year than those counties with smaller African American populations.”





# Example: Stockton, CA

environmental racism in stockton ca



## 1. Industrial concentration

- i.e. freeways by neighborhoods

## 2. Systemic Racism

- i.e. Historic redlining

## 3. Health Impacts

- Asthma and cardiovascular diseases
  - Top "asthma capitals" in the nation
  - Heart disease death rate is higher than CA's overall

## 4. Disproportionate Burden

- i.e. port nearby → most polluted community in the state





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# The Importance of Green Jobs



# What Are Green Jobs?

- **Green jobs:** positions that focus on:

- Protecting the environment
- Reduce waste
- Conserve natural resources
- Sustainable ways of living and working



# What Are Green Jobs?

- The U.S. is primed to experience major growth in the industry
  - Green jobs predicted to be **14% of total jobs (170 million) in the economy by 2030**



# Types of Green Jobs

- **Renewable energy:** Harnessing and developing clean, sustainable energy sources. Such as:
  - **Solar panel installers**
  - **Wind turbine technicians**
  - **Renewable energy engineers**
- **Energy efficiency:** Improving the efficiency of energy use.
  - **Energy auditors**
  - **Green building architects**
  - **Energy-efficient appliance designers**
- **Environmental management and conservation:** Protect and conserve the environment, wildlife, and natural resources.
  - **Wildlife biologists**
  - **Park rangers**
  - **Environmental consultants**



# Types of Green Jobs

- **Sustainable agriculture and food systems:** Developing and promoting sustainable farming and food production practices. Roles include:
  - **Organic farmers**
  - **Agricultural extension officers**
  - **Sustainable food system planners**
  
- **Green transportation:** Creating and promoting environmentally-friendly transport options. Positions include:
  - **Electric vehicle engineers**
  - **Bike infrastructure planners**
  - **Public transportation operators**



# Green Job Opportunities: Rising Sun Center for Opportunity

- **Energy Specialist:**  
(15-24 years old) -  
\$19-24/hr  
OR
- **Opportunity Build:**  
10-12 weeks of  
preparing for  
construction trades (at  
least 18 y/o)
  - Hands-on training
  - Graduates get a full  
year of employment



# Experience with Rising Sun:

- Seasonal opportunity: **Energy Specialist**
  - Perform **Greenhouse Calls** (Energy & water efficiency assessment/Installation service)
  - Professional Development Days
  - Outreach Opportunity
  - Externship



# Green Job Opportunities: AVA Community Energy

- Business development: **\$80,000–\$143,000**
- Power Resources Analyst: **\$108,746**
- Program management: **\$161,058–\$177,163**
- Analytics & ML Ops Engineer: **\$161,057- \$178,774**
- Marketing: **\$177,000**

Source: [avaenergy.org](http://avaenergy.org)





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# Where Do You Find These Jobs?



### **ENVIRONMENTAL SCIENTIST**

Department of Transportation  
San Joaquin County, CA

**\$4,269 - \$8,877** a month

Full-time Overtime

Often responds within 3 days

### **Environmental Compliance Officer**

Contra Costa Water District  
Lane, CA

**\$76.42 - \$92.88** an hour

Full-time

Weekends as needed +2

### **Environmental Services Technician**

PRIDE Industries

### **Environmental Compliance Technician**

City of Modesto, CA  
Modesto, CA

**\$28.07 - \$35.82** an hour

Full-time Overtime

### **Entry Level Water/Wastewater Engineer**

Dewberry  
Manteca, CA 95337

**\$82,420 - \$84,920** a year

Full-time

Easily apply

Often responds within 1 day

### **SENIOR ENVIRONMENTAL...**

Department of Transportation  
San Joaquin County, CA

### **Plant Safety Supervisor**

Del Monte Foods, Inc  
Modesto, CA 95357

**\$75,000 - \$87,000** a year

Full-time Parental leave

Health insurance

Easily apply

New

### **Outside Sales Representative**

Ironclad Environmental Solutions  
Livermore, CA 94551

**\$50,000 - \$65,000** a year

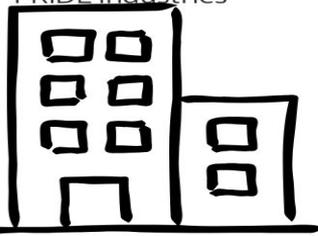
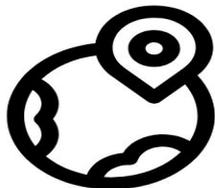
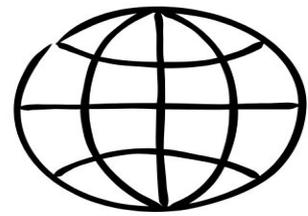
Full-time 401(k)

Health insurance Paid time off

Easily apply

### **EHS Specialist**

Green Jobs on:





### Clinical Lab Scientist Coordinator

CommonSpirit Health

Sacramento, CA

Be an early applicant

18 hours ago



### Instructional Aide - Creekside Oaks Elementary-REPOST

Placer Title Company

Lincoln, CA

Be an early applicant

2 days ago



### Clinical Lab Scientist

Dignity Health

Sacramento, CA

Be an early applicant

5 days ago



### Customer Success Manager Mobility Customer Services



### Early-Career Environmental Engineer

Geosyntec Consultants

Rancho Cordova, CA

2 days ago



### Business Process Re-engineering Consultant

Capio Group

Sacramento, CA

Be an early applicant

19 hours ago



### Project Controls Analyst

Pacific Gas and Electric Company

Rocklin, CA

4 days ago



### Terminal Operator

Suburban Propane



### Legislative Advocate

California Environmental Voters

Sacramento, CA

4 days ago



### Global Facilities Manager

Kong Inc.

Sacramento, CA

Actively Hiring

6 days ago



### Experienced Water Resources Engineer or Scientist

Geosyntec Consultants

Rancho Cordova, CA

2 days ago



### SAFETY DEPARTMENT AIDE I - CVSA- INVESTIGATIONS (PART TIME)

City of Stockton, CA

Stockton, CA

Be an early applicant

1 day ago



### Environment, Health and Safety Manager

Diamond Foods, LLC

Stockton, CA

4 days ago



### Administrative Assistant

DTE Energy



### Environmental Health and Safety Field Specialist

Carvana

Tracy, CA

Be an early applicant

4 days ago



### EHS/HSE Manager - Manufacturing, Food, Haccp, Training - Food

CyberCoders

Manteca, CA

Be an early applicant

3 days ago



### Health and Safety Specialist

City of Lodi

Lodi, CA

Be an early applicant

6 days ago



### Power Plant Operations Manager



Sign in

Register now



Green Jobs Network in Wo



FOR A HEALTHIER & MORE JUST WORLD  
**GREEN JOBS NETWORK**

### Green Jobs Network

Staffing and Recruiting

San Francisco, California · 165,7

followers

200,000+ Green & Climate Jobs

Community | Connecting People with

Jobs on: **LinkedIn**

A1:H1 Central Valley Jobs

Summarize this table

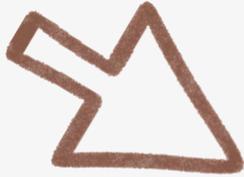
	A	B	C	D	E	F
1	<b>Central Valley Jobs</b>					
2	Organization	Role	Location	Hours/Schedule	Deadline	Salary Range/Hourly Rate (\$UST
3	California Conservation Corps (ccc)	Corpsmember Training Program	Central Valley	Full Time(1 year)	Open until filled	Stipend of \$2,814 per month
4	Greater Valley Conservation Corps	Training, Certifications and/or Employment	Stockton, CA	Part-time	Open until filled	\$17.00/hr
5	Nitricity	Fertilizer Production Technician	Delhi, CA	Full-Time	Open until filled	\$35-40/hr
6	Plus Power	Associate General Counsel, Origination & Commercial - Battery Storage	Remote	Salary	11/08/25	\$250,000
7	Plus Power	Origination Analyst - Battery Storage	Remote	Salary	11/17/25	\$90,000



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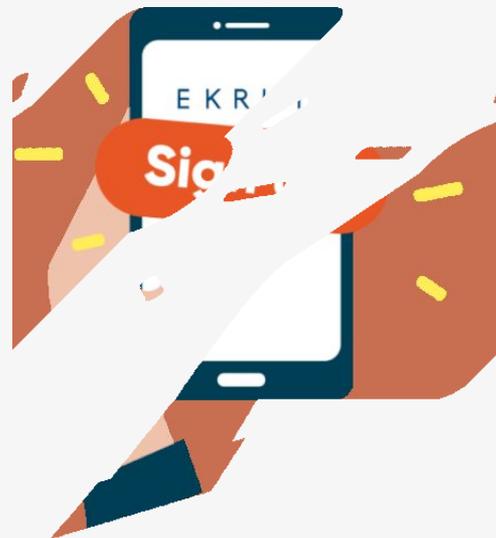
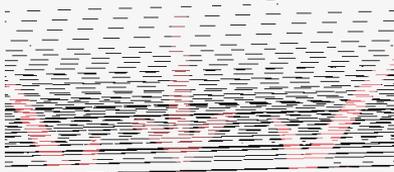
# Scan the QR Code for access to Green Career Resources and Jobs!





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# Scan the QR Code and Sign Up to Learn More About the Green House Call Program!



 **RISING SUN**  
CENTER FOR OPPORTUNITY

### Contact Us

Name \*

E-mail \*

Contact Number \*

Message \*





**RISING SUN**

CENTER FOR OPPORTUNITY



# Sign Our Interest Form TODAY!





**RISING SUN**

CENTER FOR OPPORTUNITY



# Check Our IG Out:

Instagram Log In Sign Up

 **risingsunopp** Follow Message ...

826 posts   1,635 followers   597 following

**Rising Sun Center for Opportunity**  
Building career pathways for economic equity and climate resilience. 🌍  
1116 36th street, Oakland, California 94608  
[risingsunopp.org](https://risingsunopp.org)

 **Opp Build**    **Graduation**    **Climate Care...**    **GHC**    **Work Culture**



# Climate Careers

## Contact Information

climatecareersprogram@risingsunopp.org

**Location: 1116 36th St. Oakland, CA**

**Phone: (510) 665-1501**

**Website: [www.risingsunopp.org](http://www.risingsunopp.org)**



The background features a light gray grid pattern on a white background. There are several large, colorful abstract shapes: a green shape in the top-left corner, a blue shape in the top-right corner, a green shape in the bottom-left corner, and a blue shape in the bottom-right corner. A light blue wavy line is positioned near the top center, and a cluster of light blue dots is located near the bottom center.

**Break Time!**



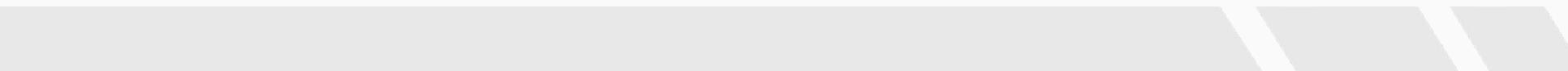
**Guest Speaker from  
San Joaquin  
Building Trades Council**

# APPRENTICESHIP PRESENTATION

*by the San Joaquin Building Trades Council*



# WHO WE ARE

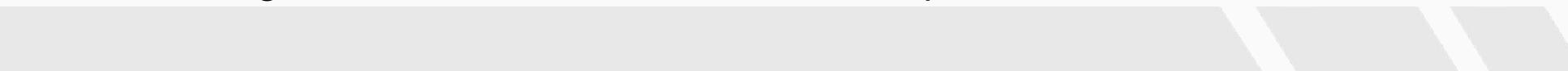
- Coalition of **19 construction trade unions**, including electricians, painters, plumbers, insulators, and sheet metal workers
  - **Representing 12,000+ workers** in San Joaquin, Calaveras, and Alpine Counties
  - Advocate for **better jobs** and improved **working conditions** in the construction industry
- 



# APPRENTICESHIP PROGRAMS

- Career-driven education in one of 19 construction trades (each program varies, dependent on the trade)
- **Earn as You Learn**
- Typical starting **hourly wage is \$20-25**, with \$2 raises every 6 months
- Health and Retirement Benefits
- 3-5 years until graduating to “journey” status
- Advantages of being in a union
  - Job Protection
  - Safe Working Conditions

# PROGRAM ELIGIBILITY

- 18 years old
  - High School Diploma or Equivalent
  - Drivers License
  - Basic Reading and Math Skills
  - Drug Free
  - Willingness to work in craft environment (punctual, outside,
- 

# SAN JOAQUIN BUILDING TRADES COUNCIL

[www.sjbuildingtrades.org](http://www.sjbuildingtrades.org)

## BOILERMAKERS

**Boilermakers Local 549 JATC**  
2191 Piedmont Way, • Pittsburg, CA 94565  
Randy Thomas  
(925) 427-0826 • [www.boilermakerslocal549.org](http://www.boilermakerslocal549.org)

## BRICKLAYER - MARBLE & FINISHER TERRAZZO MECHANIC & FINISHER PONTER • CLEANER • CAULKER

**Brick and Allied Craft Workers JATC**  
25347 S. Schulte Road • Tracy, CA 95377  
Josh Height  
(209) 830-7200 • [www.bac3train.com](http://www.bac3train.com)

## CEMENT MASON

**Northern California Cement Masons JATC**  
2600 Kitty Hawk Road, Suite 115 • Livermore, CA 94551  
Veronica Godinez  
(925) 484-2271  
[www.NorCalCementMasonsApprenticeship.org](http://www.NorCalCementMasonsApprenticeship.org)

## ELECTRICIAN

**San Joaquin & Calaveras Electrical JATC**  
1531 El Pinal Drive • Stockton, CA 95205  
Garrett Greer  
(209) 462-0751 • [www.sjeti.org](http://www.sjeti.org)

## ELEVATOR CONSTRUCTORS

425 Nebraska Street • Vallejo, CA 94590  
For information visit [NEIEP.ORG](http://NEIEP.ORG)  
or call (415) 285-2900 ext. 2212 • [joelroberts@nieep.org](mailto:joelroberts@nieep.org)

## GLAZING, FLOOR COVERING, PAINTING, DRYWALL FINISHING

**District Council 16 JATC**  
400 Gandy Dancer Drive • Tracy, CA 95377  
Alex Beltran  
510-785-8467 • [www.dct16iupat.org](http://www.dct16iupat.org)

## INSULATORS

**Insulators Apprenticeship Program**  
3801 Park Road • Benicia, CA 94510  
Bill Hodges  
(707) 748-0160 • [www.insulators16.org](http://www.insulators16.org)



# UNION APPRENTICESHIP PROGRAM DIRECTORY



Women & Minorities are Encouraged to Apply  
For More Information, go to [www.sjbuildingtrades.org](http://www.sjbuildingtrades.org)

## IRON WORKER - FIELD

**Field Ironworkers Apprenticeship & Training Program**  
3524 51st Avenue • Sacramento, CA 95823  
Brad Gasaway  
(916) 428-7420 • [www.ironworkers.org](http://www.ironworkers.org)

## IRON WORKER - SHOP

**Northern California Shop Ironworkers JATC**  
1660 San Pablo Avenue, Suite C • Pinole, CA 94564  
Luis Ventura  
(510) 786-8441 • [www.ironworkers.org](http://www.ironworkers.org)

## LABORERS

**Northern California Laborers JATC**  
1001 Westside Drive • San Ramon, CA 94583  
3984 Cherokee Road • Stockton, CA 95215  
Frank Bedolla • (925) 549-1419  
[www.norcaltc.org](http://www.norcaltc.org)

## OPERATING ENGINEERS

**Operating Engineers CA Training Center**  
14738 Cantova Way • Rancho Murietta, CA 95683  
Greg Gasaway  
(916) 354-2029 • [www.oe3.org](http://www.oe3.org)

## PLASTERER

**Northern California Plasterers Apprenticeship**  
1555 Overland Court • West Sacramento, CA 95669  
Matthew Ferguson Ledoux  
(916) 261-2428 • [www.opcmia.org](http://www.opcmia.org)

## PLUMBER, PIPE & REFRIGERATION FITTERS

**Plumbers, Pipe & Refrigeration Fitters JATC**  
4842 Nutcracker Lane • Modesto, CA 95356  
Greg Vincelot  
(209) 338-0758 • [www.LU442.com](http://www.LU442.com)

## ROOFERS AND WATERPROOFERS

**Valley Roofers and Waterproofers JATC**  
1147 Enterprise Street • Stockton, CA 95204  
Morgan Nolde • (916) 646-6754  
Orlando Castellon • (209) 946-9280  
[www.unionroofers.com](http://www.unionroofers.com)

## SHEET METAL

**Northern California Valley Sheet Metal Workers  
Training Center**  
3665 Bleckely Street • Mather, CA 95655  
Alex Tiechner  
(916) 922-9381 • [www.sheetmetaltaining.com](http://www.sheetmetaltaining.com)

**Modesto Area Training Center**  
841 Lone Palm Ave. • Modesto, CA 95351  
[www.sheetmetaltaining.com](http://www.sheetmetaltaining.com)

## SOUND AND COMMUNICATION INSTALLER/TECH

**Northern California Sound & Communication JATC**  
3033 Alvarado Street • San Leandro, CA 94577  
Terry Monroe  
(510) 560-2032 • [www.norcal-jatc.com](http://www.norcal-jatc.com)

## SPRINKLER FITTERS

**Sprinkler Fitters JATC**  
PO Box 675 • Kingsburg, CA 93631  
Gerald Cox  
(559) 646-4224 • [www.sprinklerfitters669.org](http://www.sprinklerfitters669.org)

## TEAMSTERS

**Northern California Teamsters Apprentice Training  
and Education Trust Fund**  
14670 Cantova Way, Suite 209 • Sloughouse, CA 95683  
(916) 354-2122 • [www.nctat.org](http://www.nctat.org)

## TILE FINISHER / TILE LAYERS

**Northern California Tile Industry JATC**  
600 Pinnacle Place • Livermore, CA 94550  
Mark Ansell  
(510) 703-4990 • [www.nctijatc.org](http://www.nctijatc.org)

## UNDERGROUND UTILITY AND LANDSCAPE IRRIGATION

**Landscape and Utility Fitter JAC**  
426 Alabama Street • Vallejo, CA 94590  
(707) 644-0355

# SCAN QR CODE



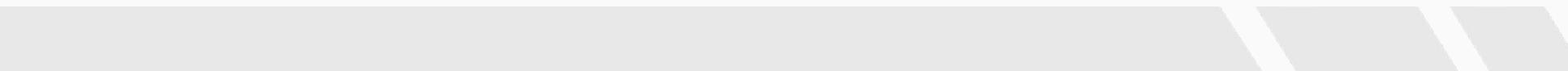
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## EARN AS YOU LEARN TO BE A UNION TRADESPERSON

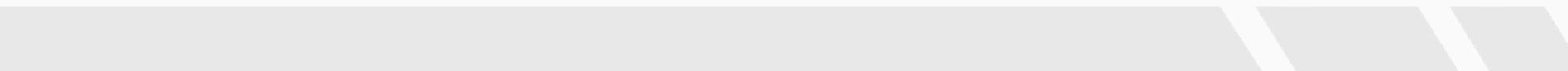
# MC3 APPRENTICE READINESS PROGRAM

- Six week, full-time unpaid program to explore a union trade career pathway
- Prepares you to **apply to an apprenticeship program**
- **Bonus points** in apprenticeship application
- Certifications
  - OSHA-30
  - Red Process/CPR
  - Forklift
  - MC3

# MC3 PROGRAM OVERVIEW

- Basic carpentry, electrical, HVAC, etc.
  - Construction math and blueprint reading
  - Soft skills and job readiness
  - Training by instructors who are experts in the field
  - Live and hands-on craft demonstrations
- 

# MC3 PROGRAM REQUIREMENTS

- 18 years or older
  - High School Diploma or Equivalent
  - Drivers License
  - Drug Test
  - Legally allowed to work in the United States
- 



# VALLEYBUILD

THIS PROGRAM IS 100% SUPPORTED BY THE HIGH ROAD CONSTRUCTION CAREERS RESILIENT WORKFORCE FUND (RWF) PROGRAM AS PART OF AWARDS TOTALING \$8,925,127.00 WITH 0% FINANCED FROM NON-FEDERAL SOURCES

## Prepare for a CAREER IN CONSTRUCTION

### REQUIREMENTS

- DRIVER'S LICENSE
- 18 YEARS OR OLDER
- ABILITY TO PASS A DRUG TEST
- HIGH SCHOOL DIPLOMA OR GED

**MC3 APPRENTICESHIP READINESS PROGRAM**  
Learn directly from trade unions!

- BRICKLAYERS
- CEMENT MASONS
- ELECTRICIANS
- GLAZIERS
- IRON WORKERS
- LABORERS
- OPERATING ENGINEERS
- PAINTERS
- PLUMBERS/PIPEFITTERS
- ROOFERS
- SHEET METAL WORKERS
- SURVEYORS

Participating unions will vary.



Scan Here!



**REGISTER  
ONLINE TO  
CONNECT WITH A  
COORDINATOR IN  
YOUR AREA!**

Lupita Gutierrez  
lupita@sjbtc.org  
209-905-1731

WWW.VALLEYBUILD.NET



Funded by the Fresno Regional Workforce Development Board, an equal opportunity employer and program. Auxiliary aids and services are available by request to individuals with disabilities and/or limited English.

Rev. 8.2024

# NEXT CLASS: SPRING 2026

## SCAN QR CODE TO REGISTER



bitly

# Q&A

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***Lupita Gutierrez, Program Director  
San Joaquin Building Trades Council  
lupita@sjbtc.org  
(209) 905-1731***



# Interactive Activity: Green Job Personality Quiz

To help participants discover potential career paths based on their personality and interests.

- **Link:** <https://cc.plt.org/greenjobsquiz>
- **Task:** Have participants take the quiz and then discuss the results.
- **Activity:** Use the results as a starting point for a discussion about how personality and skills align with different jobs in the green economy, such as those in forestry or sustainability.



[bit.ly/4qLTHAF](https://bit.ly/4qLTHAF)





# Discussion

## Guiding Questions:

- Were you surprised by your test results? Why or why not?
- Did anything in the presentations resonate with you?
- What was your main takeaway from this workshop?

# Announcements



# Thank you for attending!

Please take the post-workshop flyer.

If you're interested in learning more about the San Joaquin RCC, visit our webpage:  
[www.sjcoq.org/SJRCC](http://www.sjcoq.org/SJRCC)

## Post-workshop Survey



<https://forms.gle/xQJwNgdwAh7bs4ui9>



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