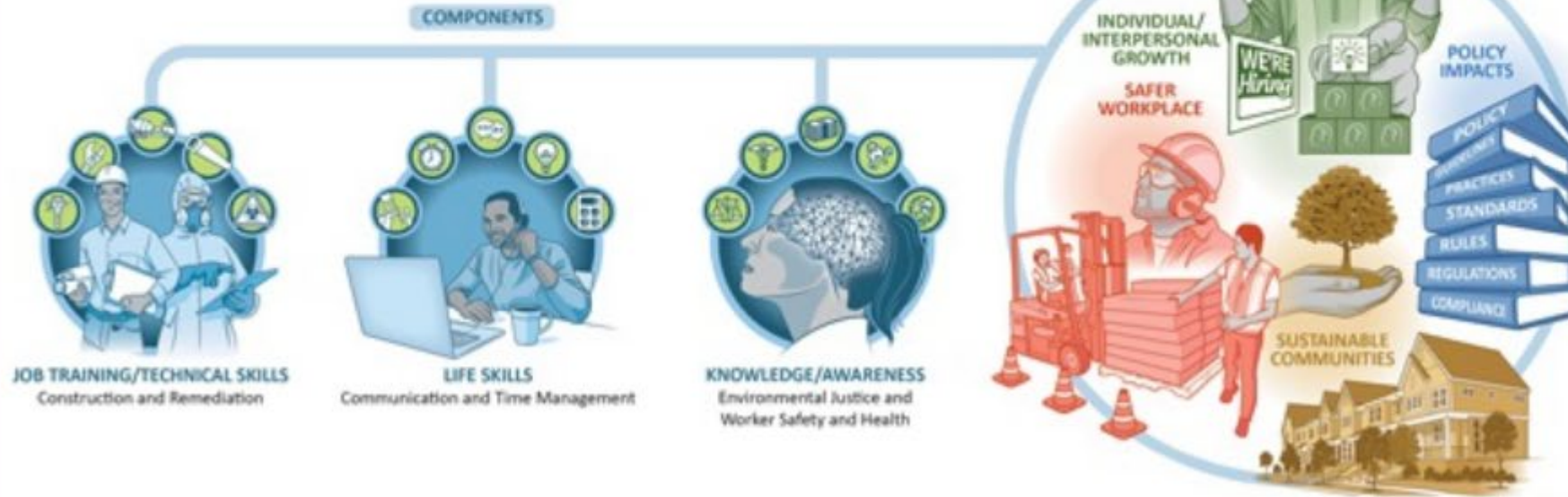


Environmental Career Worker Training Program

Impacts of pre-employment and health and safety training for underserved communities



NIH National Institute of
Environmental Health Sciences
Worker Training Program

**ECWTP
SELECTED AS
PARTICIPANT IN
THE JUSTICE40
INITIATIVE**

*Learn about Justice40 and the
NIEHS Environmental Career
Worker Training Program.*

NIEHS Worker Training Program ECWTP as a Pilot for Justice40 Breakout Session

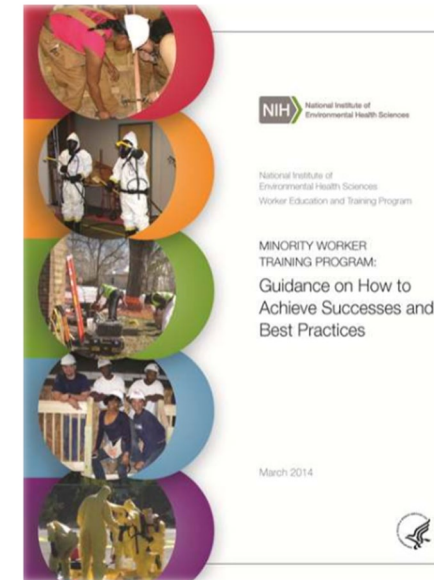
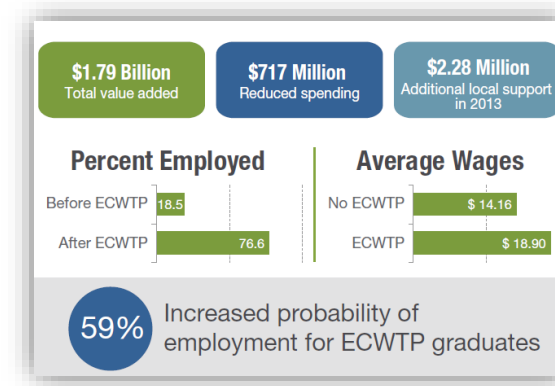
NIEHS Environmental Career Worker Training Program (ECWTP)

- More than **27 years of success in training and empowering** un/underemployed individuals to obtain sustainable careers
- Delivers **job/technical and life skills training**, wrap-around **social services**, and **education**
- Produces **individual, workplace, community, and socio-economic policy benefits** to advance environmental justice and health equity in underserved and disadvantaged communities



WTP 27 Years of the Environmental Career Worker Training Program (ECWTP) in 2022: Creating Job Opportunities & Changing Lives

- **Success:** Since beginning of program, **approx. 14,023 workers** have been trained with an average **70% employment rate**.
- **Locations:** Over 30 communities trained with 200 different CBOs
- **Current Programs:** Six grantees working with 25 different CBO's
- ❖ **2022:** 512 individuals trained with 366 employed at a **71 % job placement rate. (As of 10/22)**
- ❖ **2021:** 491 individuals trained with 305 employed at a **62% job placement rate.**
*Note - The **COVID-19 pandemic impacted training.**
- ❖ **Designated an HHS Justice40 Pilot by White House**
- ❖ **Takeaways: Changing Lives & Building Careers for a Lifetime**
- ❖ **Training Best Practices:** Extensive life skills, mentoring, numerous training and certificates and career options for graduates
- ❖ **Economic Impact Return of Investment:** \$100 million return on \$3.5 million investment-



https://www.niehs.nih.gov/careers/hazmat/wtp_ecwtp_report_508.pdf

ECWTP & Justice40 Initiative

- **Justice40 Initiative** aims to deliver 40% of the overall benefits from federal investments to disadvantaged communities
- ECWTP is 1 of 13 programs selected for HHS
- **Why was ECWTP selected as a pilot?**
 - Success in workforce development and helping un/under-employed individuals obtain sustainable, life changing careers
 - Strong track record of helping disadvantaged communities respond to and recover from climate disasters and health emergencies
 - Economic benefits: \$1.79 billion return on investment (total) from 1995 to 2013



Justice40 aims to address climate change, clean energy, clean transportation, affordable housing, water infrastructure, workforce development, and pollution remediation

New Parameters as Justice40 Pilot

- Expand recruitment and training to additional communities
- Added new training sites such as Puerto Rico and St. Louis
- Added new courses for community health worker program in New York
- New training courses and certifications to explore new job opportunities for trainees.
- Bringing in new training partners to other disadvantaged communities.
- Focus on benefits to communities and trainees in your reports
- Share video's or success stories in your RPPR and any news articles or video clips as they occur.
- Ideas for new stakeholder engagement opportunities.

ECWTP J40 Presentation APHA 2022

APHA 2022 NIEHS ECWTP Session:

November 7th 2:30 p.m. to 4:30 p.m.

Session 3191 Oral: Occ Health Training



- **Double Feature: Evaluating Benefits of the NIEHS Environmental Career Worker Training Program- Lessons Learned and Best Practices in Advancing the Justice40 Initiative for Environmental Justice**
- **Sue Ann Sarpy, M.S., Ph.D., Sharon Beard, M.S., Demia Wright, MPH, Steve Surtees, David Casavant, Mitch Rosen, Ph.D., Mollie Dowling, MACD**
- This presentation will feature NIEHS ECWTPs that represent communities across thirteen states. Critical programmatic training and workforce development strategies and partnerships will be highlighted along with results of ECWTP evaluations to identify and quantify individual, workplace, community, and socio-economic policy benefits of the programs in advancing environmental justice and health equity in these underserved communities. Implications for strengthening relevance and impact of workforce development programs targeting disadvantaged individuals from underserved communities and guiding related policy development will be discussed.

ECWTP Addresses Climate Change and Public Health Emergencies

- Provides the skills, knowledge, and resources to **prepare for and respond to the impacts** of climate-related disasters and public health emergencies
- Enables community members to get involved in **creating healthy, sustainable models** to **protect their environment** and **revitalize their communities**
- Response to several climate-related disasters and health emergencies, including:
 - Hurricanes (Sandy, Katrina) and flooding
 - Deepwater Horizon Gulf Oil Spill
 - Flint water crisis
 - COVID-19



Grantees & Capacity Building for Communities

Building capacity in many underserved communities and target areas across the U.S. through education, training, and worker empowerment

| Grantee | Target Areas/ Locations |
|---|---|
| Atlantic Center for Occupational Health and Safety- NJ/NY Consortium | Metro areas surrounding NYC, NY and Newark, NJ |
| Western Region Universities Consortium | Metro areas of Los Angeles, CA ▪ Tribal Communities in Alaska ▪ Portland, OR |
| CPWR – The Center for Construction Research and Training | East Palo Alto, CA ▪ Flint, MI ▪ New Orleans, LA ▪ Roxbury, MA |
| OAI - Opportunity, Advancement, & Innovation in Workforce Development | Chicago, IL ▪ Dallas, TX ▪ Kansas City, MO and KS ▪ Indianapolis, IA and St. Louis, MO |
| Historically Black Colleges and Universities Consortium (Deep South Center for Environmental Justice, Inc.) | New Orleans, LA ▪ Houston, TX ▪ Pensacola, FL ▪ Detroit, MI |
| Sustainable Workplace Alliance | Orlando FL ▪ Brevard County, FL ▪ San Juan, PR |

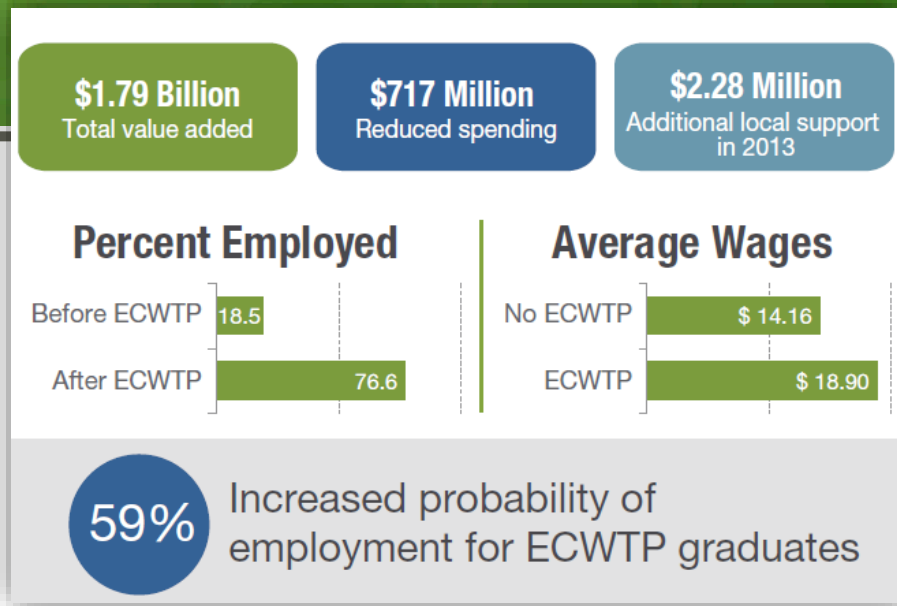
ECWTP 25th Anniversary Webpage:
tools.niehs.nih.gov/wetp/index.cfm?id=2596

Major Findings of the ECWTP Economic Impact Report

Economic Impact: \$100 million return on \$3.5 million investment

- Increased probability of employment by 59%
- \$1.6M in higher earnings for graduates (from increased likelihood of employment, more hours worked, and higher wages)
- \$1.79 billion (total value added)
- \$717 million reduction in government expenditures

Economic impact report: https://www.niehs.nih.gov/careers/hazmat/wtp_ecwtp_report_508.pdf



The analysis/report was completed by NIEHS WTP, the National Clearinghouse for Worker Safety and Health Training, and economists Robert Baumann and Bryan Engelhardt from College of Holy Cross

A 2019 financial survey of graduates conducted by the NJ/NY Hazardous Materials Training Center, showed:

\$14,500

Average income for applicants who were working

50% unemployed

25% receiving SNAP, TANF, UI

13% living in public housing

5% living in shelter/ transitional housing



\$96,800

Average base pay for those working 5 years after program

77% earn over \$50,000

24% earn over \$100,000

30% own homes

30% are debt free

- 2022 ECWTP Fact Sheet - https://www.niehs.nih.gov/careers/assets/docs/wtp_ectwp_factsheet_2022_508.pdf
- HHS Announcement of Justice40 Pilots - [HHS Announces Programs to Join President Biden's Justice40 Initiative | HHS.gov](https://www.hhs.gov/justice40/initiative/)
- ECWTP 25th Anniversary Page - <https://tools.niehs.nih.gov/wetp/index.cfm?id=2596>
- NIEHS E-Factor Article on 25th Anniversary of ECWTP - <https://factor.niehs.nih.gov/2020/8/feature/3-feature-worker-training/index.htm>
- NIEHS WTP Mitigating the Impact of Climate Change and Securing Environmental Justice - https://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=13221
- Economic Impact Report - http://www.niehs.nih.gov/careers/hazmat/wtp_ecwtp_report_508.pdf
- ECWTP Podcasts - <https://tools.niehs.nih.gov/wetp/index.cfm?id=2600>
- Best Practices Report - http://tools.niehs.nih.gov/wetp/public/hasl_get_blob.cfm?ID=10040
- NIEHS Worker Training Program - <http://www.niehs.nih.gov/careers/hazmat/index.cfm>
- NIEHS/DOE Nuclear Worker Training Program - https://www.niehs.nih.gov/careers/hazmat/training_program_areas/doe/index.cfm
- NIEHS National Clearinghouse - <http://tools.niehs.nih.gov/wetp/>





National Institute of Environmental Health Sciences
Worker Training Program



Environmental Career Worker Training Program



Timeline



Grantees



Trainees



Multimedia

Transforming Lives!

Contact Sharon D. Beard, Director NIEHS WTP at beard1@niehs.nih.gov

Opportunity
Vulnerable Communities

BUILDING CAREERS

SAFETY life change



empower **TRAINING**
ENVIRONMENTAL

transformation

HEALTHY FUTURE

Strong Foundation
Sustainability

