



Leveraging Federal Opportunities: Navigating Careers in the Energy Sector

June 18th, 2024

Who We Are



JustUScc.org

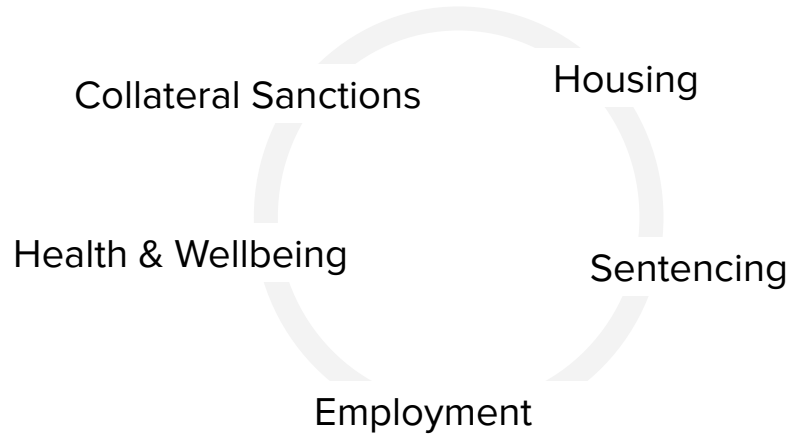
The JCC is a national federal policy table led by and created for individuals who are directly impacted. The JCC forms the connective tissue needed to catalyze full participation in policy practices and changes for formerly incarcerated people and directly impacted individuals and their communities.

Our Why



The voices of those most impacted by the criminal legal system have been missing and/or excluded from decision-making tables.

Priorities



Employment: One of Several Federal Priorities



Within employment — just one aspect of the reentry experience — federal job training programs are disjointed, often inaccessible to returning citizens, and are ineffective in helping a diverse group of job-seekers move toward mobility:

Funding Comes from
Many Different,
Disconnected
Programs

Distribution of Funds
is Inequitable,
Limiting Investment
in Small Providers

Federal employment
opportunities are often
not pursued by directly
impacted job-seekers

Centered back to people





Empowering the Future: DOE Funding and Employment Opportunities

R. Ben Horne

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Minority Business and Workforce Division, Office of Energy Justice and Equity



U.S. DEPARTMENT OF
ENERGY

Office of Energy
Justice and Equity

Mission of Energy Justice and Equity

Our mission is to identify and implement ways of ensuring that everyone is afforded an opportunity to participate fully in the Department of Energy's programs, opportunities, and resources.

The Office of Economic Impact and Diversity develops and executes Department-wide policies to implement applicable legislation and Executive Orders that strengthen [diversity and inclusion goals](#) affecting [equal employment opportunities](#), small and disadvantaged businesses, [minority educational institutions](#), and historically underrepresented communities.

EJE-2.1: Minority Business and Workforce Division



Shalaya M.



Melissa P.



Rephel M.



James M.



Simon B.



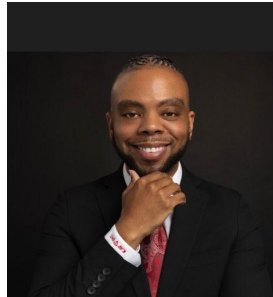
Patrice C.



Greg B.



Jimmy H.



Fred N.



Tyrone S.



Ollie D.



Ben H.

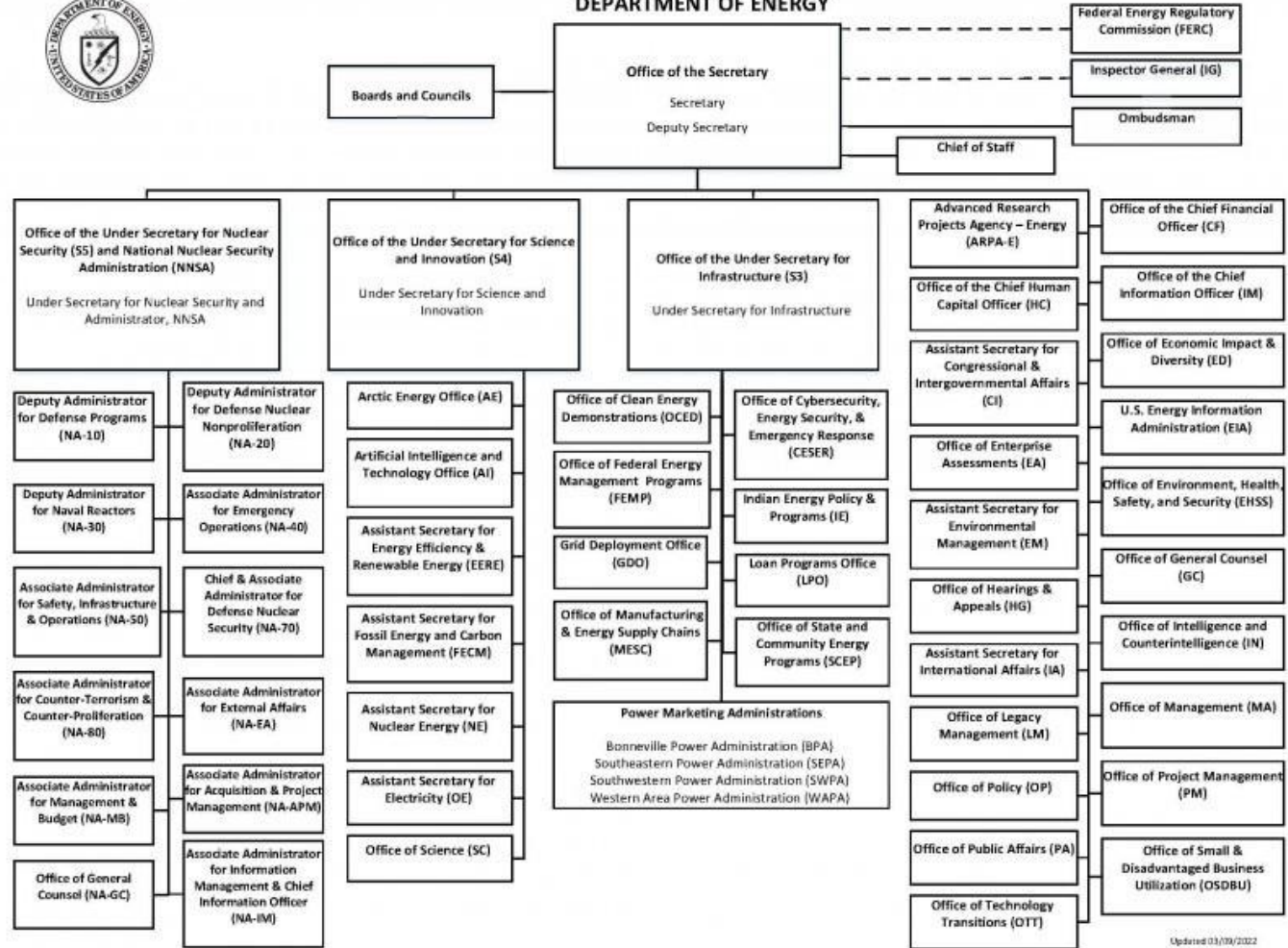


Fast Facts

- Established in 1977
- 17 national laboratories
- 14,000 employees
- Supports over 25,000 researchers
- Provides 39% of federal funding in the physical sciences
- Over 95,000 management and operating contractor and other contractor employees
- **\$48.38B committed of \$161.29B Total Budgetary Resources**
- Grants 511 new awards – \$3.92B
- Contracts \$37.18B – 7,341 transactions, 1346 new awards



DEPARTMENT OF ENERGY



How DOE Procures & Funds

Full & Open
Competition

Full & Open
Competition After
the Exclusion of
Sources
(SB Set-asides)

Other than Full &
Open Competition
(Non-competitive)

Simplified
Acquisition
Procedures (SAP)

General Service
Administration
(GSA) Federal
Supply Schedules
(FSS)

Category
Management
strategic
contracts, Blanket
Purchases
Agreements
(BPAs), Indefinite
Delivery Contracts,
etc.

Unsolicited
Proposals

Funding
Opportunity
Announcements

Prize Competitions



E.O. 14008, s. 223

40% of the overall benefits of certain Federal investments—including investments in clean energy and energy efficiency; clean transit; affordable and sustainable housing; training and workforce development; the remediation and reduction of legacy pollution; and the development of clean water infrastructure—**must flow to disadvantaged communities.**



What does Justice40 Cover?

[Justice40 Initiative | Department of Energy](#)

[DOE Justice40 Covered Programs | Department of Energy](#)

Covered Program

A Federal Government program that makes

investments in one or more of the following seven areas:

- Climate change
- Clean energy and energy efficiency
- Clean transportation
- Affordable and sustainable housing
- **Training and workforce development**
- Remediation and reduction of legacy pollution
- Critical clean water and waste infrastructure

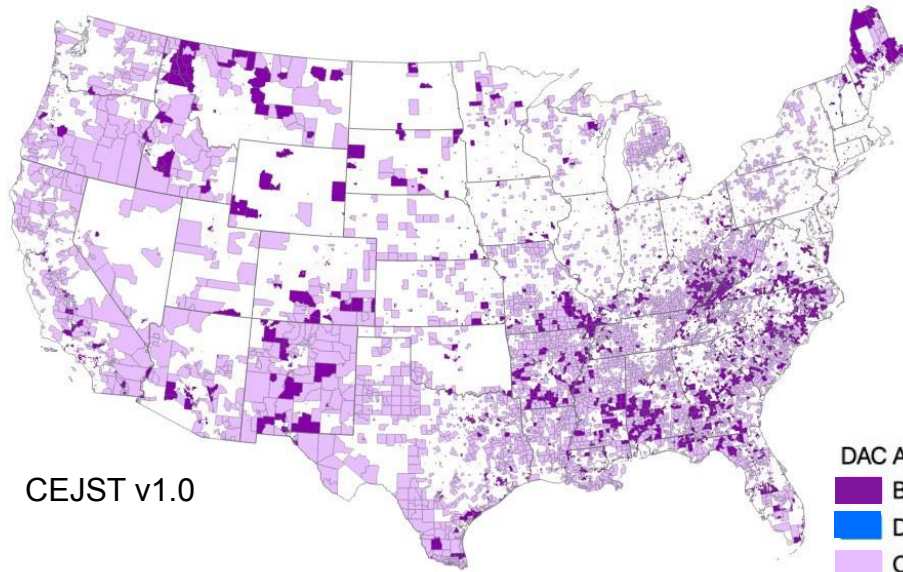
Covered Investment

A Federal investment in one or more of the following categories:

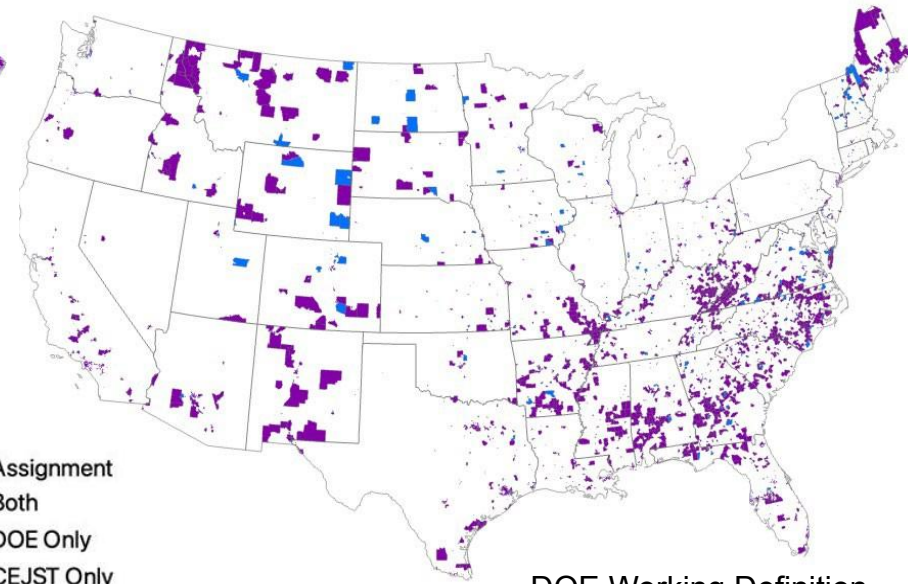
- **Federal grant and procurement spending (including discretionary budget authority, direct/mandatory spending, and formula funding);**
- **Financing (including credit, loans, and guarantees);**
- Programmatic Federal staffing costs (e.g. federal pay for staff that provide technical assistance)
- Direct financial benefits (including provision of goods and services); and
- Additional federal investments under covered programs as determined by OMB.



CEJST vs. DOE Disadvantaged



27,248 census tracts as disadvantaged
(~36% of 74,134 total U.S. census
tracts)



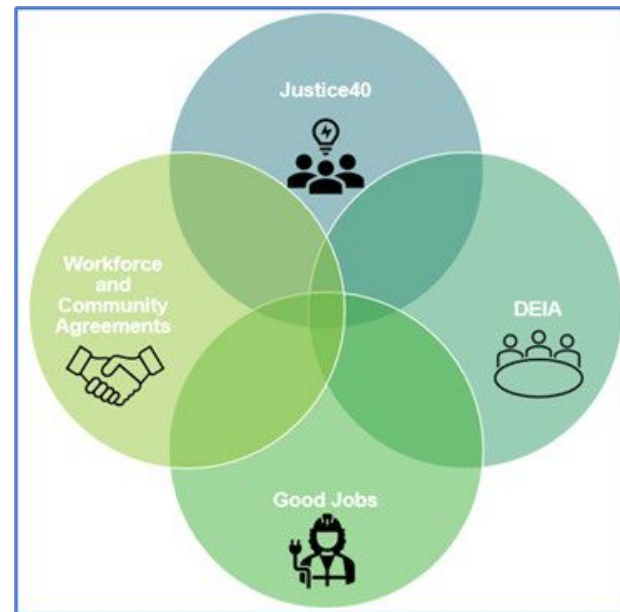
15,172 census tracts as disadvantaged
(~20% of 74,170 total U.S. census tracts)

DAC Assignment
■ Both
■ DOE Only
■ CEJST Only

[Explore the map - Climate & Economic Justice Screening Tool \(geoplatform.gov\)](https://geoplatform.gov)

Community Benefits Plans

- All projects funded by BIL & IRA will require a Community Benefits Plan (CBP).
- CBPs are based on a set of four core policy priorities:
 - Investing in America's workforce;
 - Engaging communities and labor;
 - Advancing diversity, equity, inclusion, and accessibility;
 - Implementing Justice40.
- CBPs will be part of the contractual obligation of the funding recipients and will be publicly posted on DOE's website.



Formula vs. Discretionary Grants

- ▶ Formula – statutorily defined and funded annually through congressional appropriations processes
- ▶ Discretionary – Funding Opportunity Announcements or FOA's (can be competitive or non-competitive, cooperatives, etc.)

Grants vs. Prizes

- ▶ Amounts of awards and volume of opportunities differ between grants and prizes
- ▶ Extended grant allotment timetables based on past experiences and ongoing performance vs single application
- ▶ Well known “Monitoring and Evaluation” processes for grants are virtually unknown for prizes
- ▶ More technical and process driven than prizes
- ▶ Prizes are sometimes a combination of public and private funds

Grants vs. Prizes

- ▶ Grants are far less centralized – you can find most of them on <https://www.grants.gov/search-results-detail/352897> or departmental funding opportunity announcements pages (i.e., DOJ).
- ▶ DOE grants are program office specific, and therefore far less centralized
- ▶ Prizes are more centrally located (i.e.

<https://www.herox.com/American-Made-Challenges> and [EERE](#)

[Prizes and Competitions | Department of Energy](#))

Upskill Prize for the Solar Manufacturing Workforce



Who can participate> Open to a private entity, non-profit, non-federal government organization, or academic institution. The prize **requires** partnerships between U.S. manufacturers and training organizations, aiming to attract new individuals to careers in solar manufacturing with job-ready training programs.

Prize Amount> \$5 million in cash prizes is available for winners of the Upskill Prize. Individual team awards will be up to \$500,000, depending on the work proposed.

Link> <https://www.herox.com/upskillprize>

• [Informational Webinar](#)

• Submission **deadline is closed now, BUT another round will open soon!**

Timeline



This timeline is tentative and dates are subject to change.

What you need to know

Competing teams propose comprehensive workforce training plans that are composed of either or both:

New Worker Training: Develop and propose plans to train new workers with the skills they need to be successful in the solar manufacturing industry, particularly at new or expanding manufacturing facilities.

Incumbent Worker Training: Develop and propose plans to train incumbent workers with new skills needed to support the growth of solar manufacturing.


Electronics Scrap Recycling Advancement Prize

The Electronics Scrap Recycling Advancement Prize (E-SCRAP) is a \$3.95M challenge sponsored by the U.S. Department of Energy's (DOE) Advanced Materials and Manufacturing Technologies Office (AMMTO). The prize aims to stimulate innovative approaches that reduce the costs and environmental impact of critical material recovery from electronic scrap (e-scrap).

Prize is **Open**

Total Prize Pool: \$3,950,000

Submissions due: September 4, 2024 at 3:00 pm MDT



AMERICAN MADE
U.S. DEPARTMENT OF ENERGY

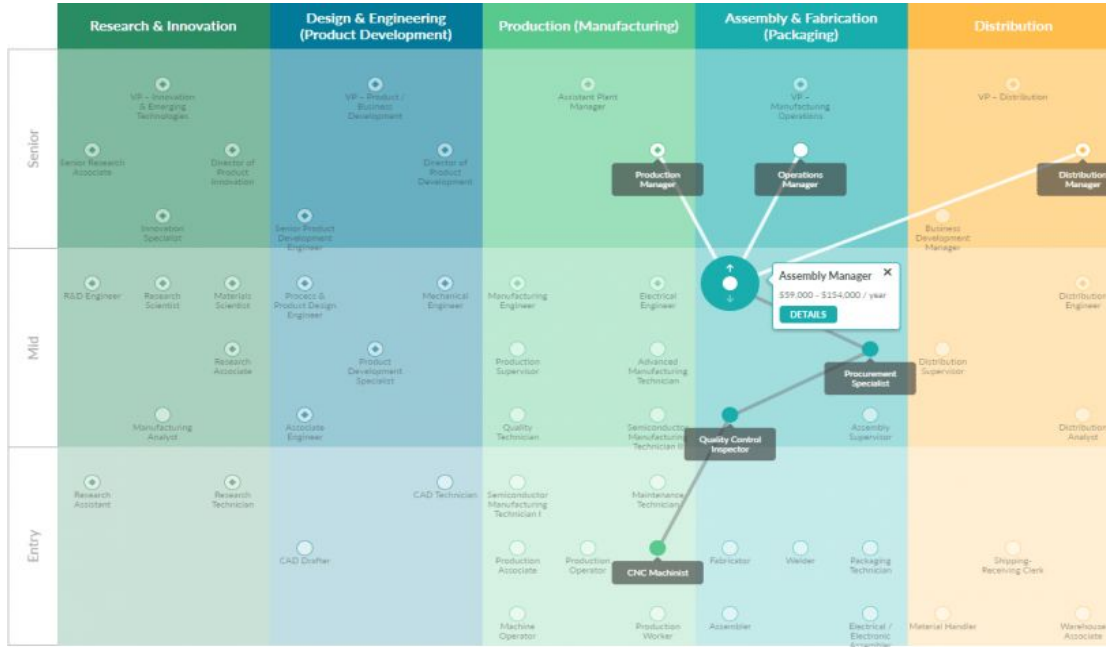
Electronics Scrap Recycling Advancement Prize (E-SCRAP)

Phase 1	Phase 2	Phase 3
INCUBATE	PROTOTYPE	DEMONSTRATE
<ul style="list-style-type: none">• Up to 10 winners• \$50,000 cash prize per winner• Up to \$30,000 in analysis consulting	<ul style="list-style-type: none">• Up to 5 winners• \$150,000 cash prize per winner• Up to \$120,000 in analysis technical support	<ul style="list-style-type: none">• Up to 3 winners• \$600,000 cash prize per winner

Workforce Development and Careers in Energy

- *Construction, manufacturing, and utilities*
- Formerly incarcerated compose only 1% of the energy workforce, compared with 2% of the total workforce
- Energy sector jobs grew 3.8%+ 2022, outpacing the growth of U.S. employment overall (3.1%).
- <https://www.energy.gov/articles/doe-report-finds-clean-energy-jobs-grew-every-state-2022>
- *2024 USEER coming soon*

Careers in Clean Energy



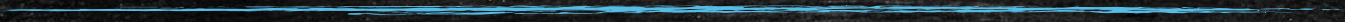
- Advanced Manufacturing
- Bioenergy
- Green Buildings Industry
- Hydrogen and Fuel Cells
- Hydropower
- Marine Energy
- Careers in Solar
- Careers in Wind
- Climate Control Technology

Link: [Map a Career in Clean Energy](#)

[Map a Career in Clean Energy | Department of Energy](#)

Locate Agency Opportunities

- ▶ DOE and Major Contractor Acquisition Forecasts: <https://www.energy.gov/osdbu/acquisition-forecast>
 - ▶ Provides headquarter prime opportunities
 - ▶ Provides hyperlinks to the various Agency laboratories for subcontracting opportunities.
 - ▶ Search each respective site forecast for its unique requirements
- ▶ [System for Award Management: SAM.gov | Contract Opportunities](#)
- ▶ [Clean Energy FOAs: Clean Energy Infrastructure Programs at Department of Energy | Department of Energy](#)
- ▶ DOE Small Business Innovation Research and Small Business Technology Transfer FOAs: [SBIR Funding Opportunity Announc... | U.S. DOE Office of Science \(SC\) \(osti.gov\)](#)
- ▶ General Services Administration: www.ebuy.gsa.gov/ebuy/
- ▶ Federal Grants: www.grants.gov
- ▶ USA Spending (by agency, industry, recipient, over time, and where) <https://www.usaspending.gov/>
- ▶ DOE Small Business Innovation Research and Small Business Technology Transfer: <https://science.energy.gov/sbir/>
- ▶ [Prize Competitions: EERE Competitions, Challenges, and Industry Prizes | Department of Energy](#)
- ▶ [DOE Unsolicited Proposals: DOE Unsolicited Proposals | netl.doe.gov](#)



Beverly Kuykendall, Managing Partner,
LZB Solutions

LZB Solutions works alongside federal, state, local governments and private entities. We transform public policy, executive orders and legislation into government contracts, grants, teaming arrangements, and more. Our goal- bridge the gap between the promise of government opportunity and economic impact.

Key definitions:

- What is a Prime Contractor?

A Prime Contractor is the entity that wins a direct contract with the government. The government pays them directly.

- What is a Sub-Contractor?

A subcontractor is engaged by the Prime Contractor and has no "direct" privity with the government. Their relationship is strictly with the Prime Contractor. The subcontractor is paid by the Prime Contractor.

Key Pathways

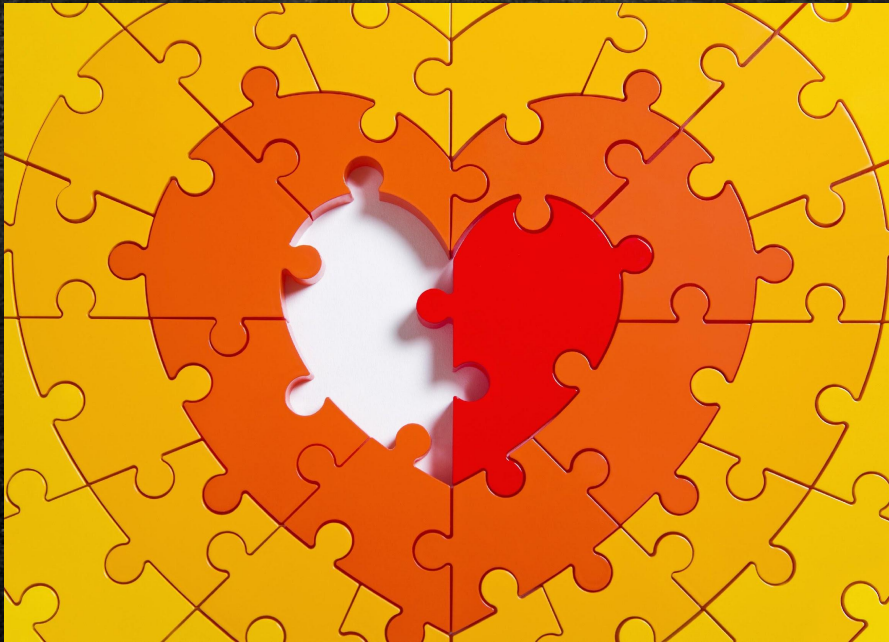
- Unsolicited Proposals
- Contracting
- Subcontracting
- Grants

Department of Energy- Example - E. O. 14008

Calls for quick action to combat the impacts of climate change, bolster adaptation, and increase resilience across all operations, programs, assets and mission responsibilities with a focus on the most pressing climate vulnerabilities - water, power, reduce carbon footprints, recycling, etc. - Innovative ideas, working with large primes (Justice 40, CBP Projects, etc.)

JUSTICE40
A WHOLE-OF-
GOVERNMENT
INITIATIVE

THANK YOU!



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LZB

Other Important Links

[Development Center](#) & [SBA Learning Platform](#)

APEX Accelerators (formerly PTACs): [Apex Accelerators](#)

Minority Business Development Centers: [MBDA Programs](#) | [Minority Business Development Agency](#)

DOE OSDBU Small Business Toolbox: [Small Business Toolbox](#) | [Department of Energy](#)

DOE Acquisition Forecasts:
<https://www.energy.gov/osdbu/acquisition-forecast>

DOE Small Business Program Managers Directory:
<https://www.energy.gov/osdbu/articles/small-business-program-managers-directory>

Alleged Undue Restrictions:
<https://www.energy.gov/osdbu/small-business-services/submit-notice-alleged-undue-restriction>

North American Industry Classification System (NAICS):
<https://www.census.gov/eos/www/naics>

Federal Grants: www.grants.gov

Other Important Links

US Energy and Employment Report (USEER) [DOE Report Finds Clean Energy Jobs Grew in Every State In 2022 | Department of Energy](#)

DOL – ETA’s American Job Centers [American Job Centers | U.S. Department of Labor \(dol.gov\)](#)

DOL – ETA’s Reentry Employment Opportunities Grantees | [U.S. Department of Labor \(dol.gov\)](#)

SBA’s SCORE [Home page | SCORE](#)

Service-Disabled Veteran-Owned Small Business (SDVOSB) Program
<https://www.dla.mil/Portals/104/Documents/SmallBusiness/SDVOSB%20Program%20-%20May%202022.pdf>

Small Business Loans – ideal for matching funds
[Lendistry | Small Business Lending](#)

SBA’s 8a Program [8\(a\) Business Development program | U.S. Small Business Administration \(sba.gov\)](#)

SBA’s Mentor – Protégé Program [SBA Mentor- Protégé program | U.S. Small Business Administration](#)

National Utilities Diversity Council (NUDC) [Reentry Series](#) on Employment in Utilities, *next event: 26 June*

DTE and Goodwill's [GreenWorks, Inc.](#) a partnership model with the [EPA](#)

[Dannon Project](#) Reentry, youth, and workforce development programming

[IGNITE Network](#) from the National Sheriffs' Association (NSA)

[Hope for Prisoners](#) (Nevada) and [Jumpstart](#) (Southeast) faith-based non-profits with holistic interventions from behind bars to reentry

[Partakers](#) Education and mentorship opportunities

[Prison Entrepreneurship Program](#) (PEP)

[JBM Packaging](#) and their recently published [Case Study](#) with Cara Collective

[Nehemiah Manufacturing](#) and [Harvard Business Case Study](#) on Second Chance Hiring Model

[The National Reentry Workforce Collaborative](#) (NRWC)

[Jeffrey Korzenik](#) Economist, author, Fair Chance Hiring Strategy Consultant

[Staffing Agency](#) Cornbread Hustle [report](#)

[The Source](#), MI employee resource support non-profit

[Relink.org](#) – non-profit serving reentry and recovery social services

[My Rebuilt Life](#) Cloud-based career management and free education and credential services

[JEVS Human Services](#), a nationally recognized expert on the challenges of reentry and their [“Get Ready, Get Set, Get Out”](#) initiative

DOJ's [National Reentry Resource Center](#) and [Grants](#), processes and resources

[Marshall Project](#) criminal justice journalism

[The Sentencing Project](#) policy reform research and advocacy

[Prison Policy Initiative](#) research

[Dominique Gilliard](#): Video Series and Book, “Rethinking Incarceration”

[Keesha Middlemass](#): Book, “Convicted and Condemned”

[Honest Jobs](#) Reentry-focused job board

[HABITS Group](#) workforce development, apprenticeship service provider

[J-PAL Study](#): Cognitive Behavioral Therapy and Cash Transfers on High-Risk Liberian Youth

Contact Information

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