

# Networking Opp:

Do you know how to scan a QR code?  
Does your neighbor know how?

- ▶ Do you have a smartphone? Does your neighbor?
- ▶ Is your phone an iPhone or Android? What does your neighbor have?
- ▶ Work together to demonstrate how to access the **QR** (quick response) reader on each phone
- ▶ Solve the riddle by scanning the QR Code Joke found on the Resource Menu





# The “Greening” of Workforce Literacy

An Ed Tech Experience  
Created by Jackie Aguilera

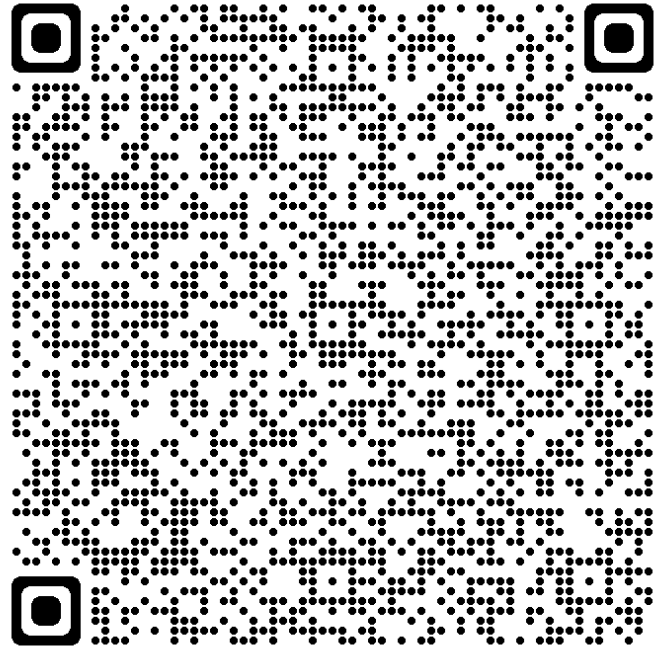


# WIIFM (What's In It For Me?)

- ★ Explore green jobs markets & projects
- ★ Identify “Green Value” for AEL
  - ★ Develop green experiences for clients



*The outlook for renewable energy used to be dim.  
now, thanks to better technologies, it's incandescent.*



[Is a Texas Town the Future of Renewable Energy? | Innovation | Smithsonian Magazine](#)

# GREENTOWN LABS: Economically Feasible, Economically Responsible, Environmentally Responsive Innovation Hub

## Greentown Go Tracks

Each track leverages the same proven, year-long Greentown Go framework that has delivered dozens of partnership outcomes to date. So let's Go Build, Go Energize, Go Grow, Go Make, and Go Move our way to a decarbonized global economy.



Let's reinvent buildings, old and new.

LEARN MORE

ATTEND THE SEPT. 29 FINAL SHOWCASE



Let's transform how we power our world.

LEARN MORE



Let's change how we produce food and feed the Earth's population.

LEARN MORE

APPLY BY AUG. 9



Let's redesign how we manufacture everything.

LEARN MORE

APPLY BY SEPT. 30



Let's reimagine how we get around.

LEARN MORE





## Let's **reinvent buildings**, old and new.

The buildings sector contributes **seven percent** of global greenhouse gas emissions; to change this, we need innovations that revolutionize how buildings are planned, built, retrofitted, and managed.

Greentown Go Build brings together startups and corporates to accelerate the commercialization of technologies from building materials to building management systems, and more. How can you help build a decarbonized future?

Let's Go.



## Let's change how we power our world.

Decarbonizing our energy systems is critical to climate action—electricity generation alone is responsible for 27 percent of global greenhouse-gas emissions, and for hard-to-decarbonize applications where electrification isn't possible, we'll need new fuels and other solutions that deliver energy without carbon emissions.

To tackle emissions in this sector, we need collaborative innovations that change how energy is generated, stored, transported, and consumed. In this program track, we bring startups and corporates together to accelerate the commercialization of solutions from novel battery technologies, to offshore wind, to grid management, and more. How do you want to transform the sector next?

Let's Go.



## Let's change how we produce food and **feed the Earth's population.**

The food and agriculture industry, responsible for **19 percent** of global greenhouse gas emissions, is ripe for climatetech innovations that reduce waste and emissions and restore healthy ecosystems.

In this program track, we bring startups and corporates together to accelerate the commercialization of solutions from alternative proteins, to digital solutions that reduce food waste, to lower-carbon fertilizers, and beyond. How do you want to transform the food and agriculture industry?

Let's Go.





## Let's redesign **how we make everything.**

Manufacturing contributes **31 percent** of global greenhouse gas emissions; to decarbonize the sector, we need solutions that transform how goods are sourced, produced, and managed at end-of-life.

In this program track, we bring startups and corporates together to accelerate the commercialization of technologies to revolutionize supply chains for everything from plastics, to batteries, and beyond. How do you want to shape the future of manufacturing?

Let's Go.



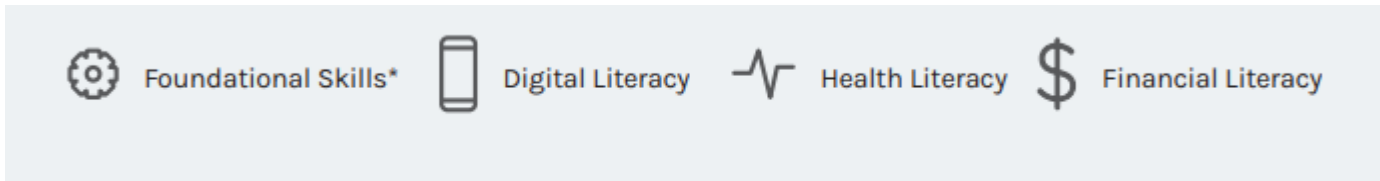
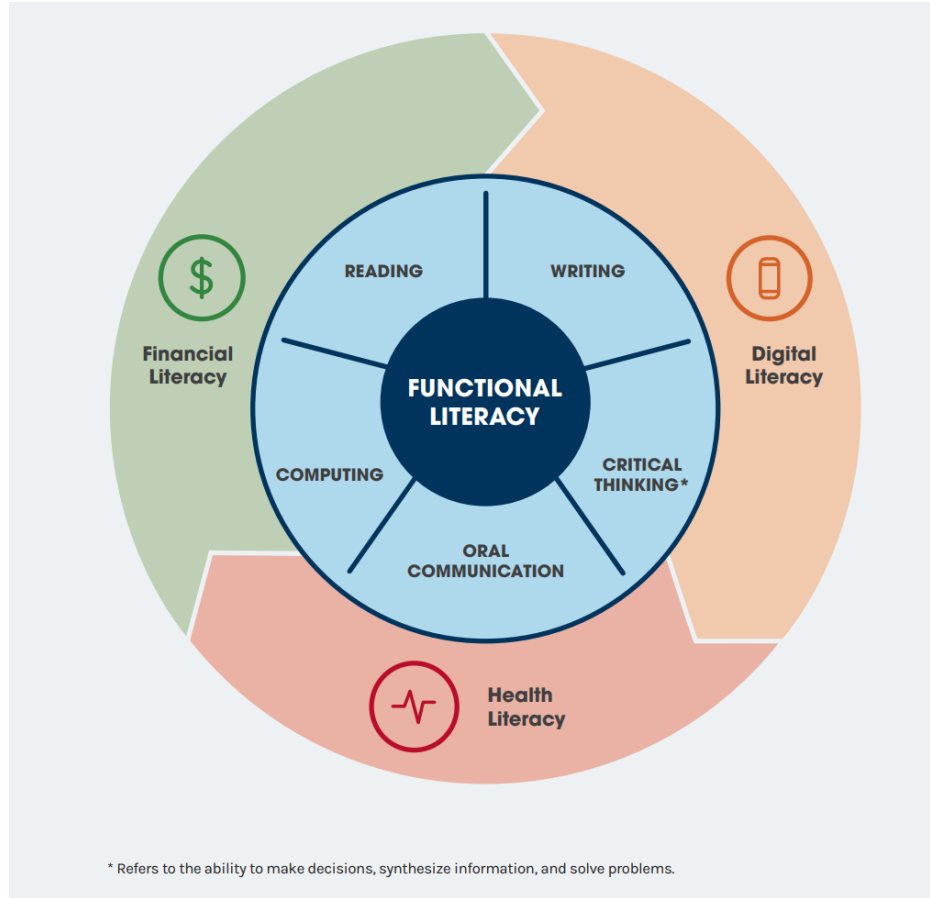
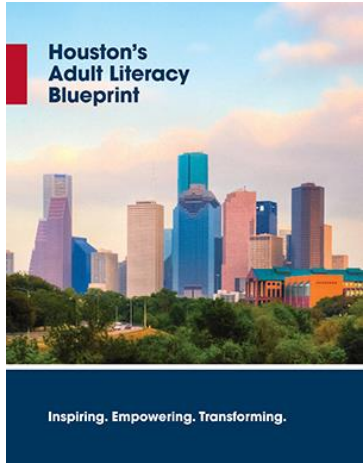
## Let's reimagine the way we move.

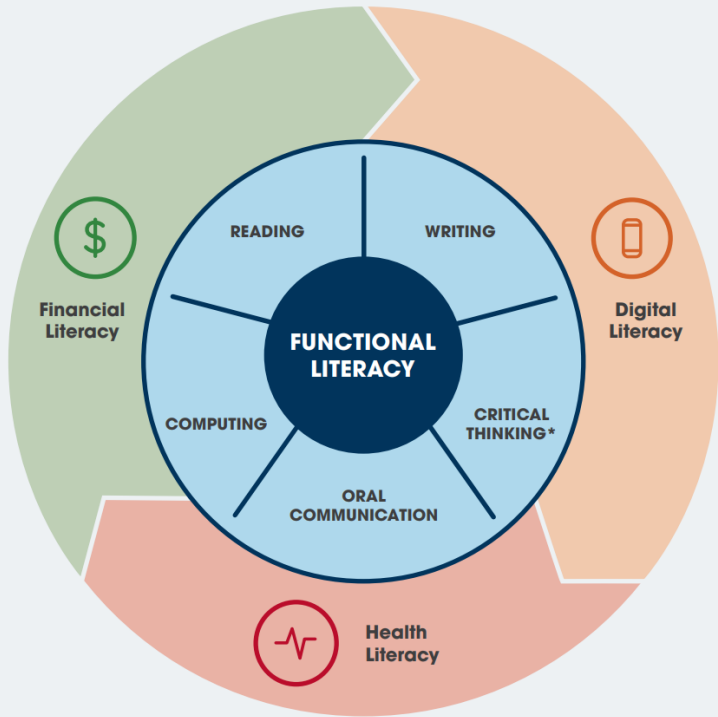
To decarbonize the transportation sector, which is responsible for **16 percent** of global greenhouse gas emissions, we need solutions to electrify transportation, enable alternative fuels, increase efficiency, and promote shared mobility and micromobility.

In this program track, we bring startups and corporates together to accelerate the commercialization of technologies from EVs, to hydrogen refueling technologies, to automotive lightweighting innovations, and more. How do you want to transform transportation?





Let's Go.

# Adult Education & Functional Literacy





\* Refers to the ability to make decisions, synthesize information, and solve problems.

 Foundational Skills\*
  Digital Literacy
  Health Literacy
  Financial Literacy

### On the Job

“To get better job and employment opportunities, I need to have the skills to...”



**Apply for a job online**



**Communicate via email**



**Perform digital work tasks**



**Draft a cover letter and resume**



**Understand work safety manuals**



**Navigate employee benefits**



The focus is on: the economy, natural and built environments, extraction and use of natural resources, global warming, climate change, bioaccumulation, synergistic effects, how decision makers evaluate environmental issues, cost-benefit analysis, how environmental decisions effect communities differently, climate justice, and how people advocate to improve environmental conditions in their community.

In 2021, Roots of Success was approved by the federal Department of Labor as the nation's first "Environmental Literacy Instructor" Registered Apprenticeship Program.

# Harris County, Houston to pursue federal lawsuit against Union Pacific Railroad over cancer cluster found in Kashmere Gardens, Fifth Ward



# Mayor Turner Announces TCEQ Approval Of Largest Urban Solar Farm In The Country

# “Houston is the energy transition capital of the nation” - NPR 2022



## A HUB FOR RENEWABLES

**HOUSTON HAS ALSO BECOME A HUB OF ACTIVITY FOR RENEWABLES**

- #1 State for wind capacity
- 100+ solar-related companies
- 30+ wind-related companies
- 144 online wind projects in Texas
- 40% of the nation's utility-scale wind generation employment

**TOP EMPLOYERS INCLUDE:**

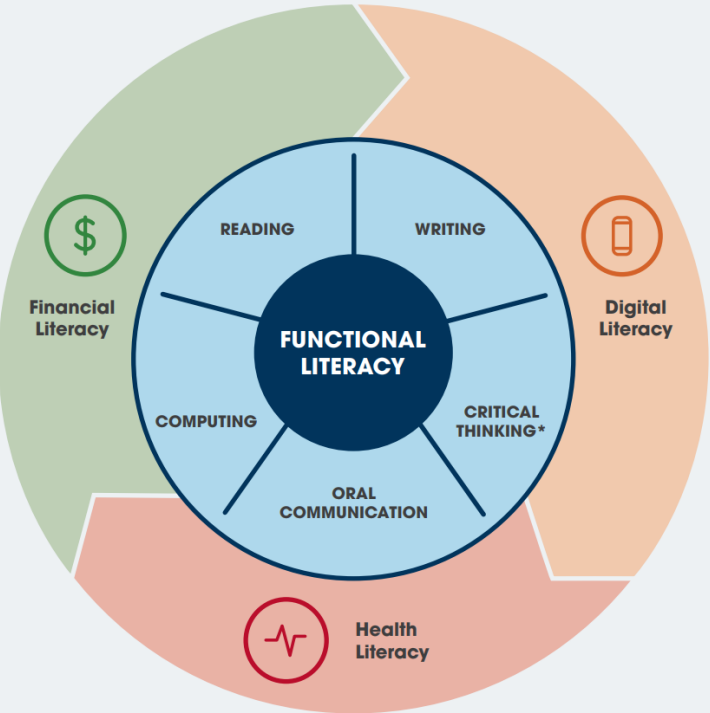
- Sunnova
- EDP Renewables
- First Solar
- Texas Solar Outfitters
- Vert Solar
- NRG
- Quantia
- GE Renewable Energy
- BP
- Shell

**GHP Global Energy Transition Toolkit**

## ▶ Green Jobs Boom In Texas



# Let's Create a Green Client Experience








\* Refers to the ability to make decisions, synthesize information, and solve problems.

 Foundational Skills\*
  Digital Literacy
  Health Literacy
  Financial Literacy

## Greentown Go Tracks

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|   |  |  |
|---|--|--|
|  <p>Let's reinvent buildings, old and new.</p> <p><a href="#">LEARN MORE</a></p>                               | <p>ATTEND THE SEPT. 29 FINAL SHOWCASE</p>  <p>Let's transform how we power our world.</p> <p><a href="#">LEARN MORE</a></p> |  <p>Let's change how we produce food and feed the Earth's population.</p> <p><a href="#">LEARN MORE</a></p> |
| <p>APPLY BY AUG. 9</p>  <p>Let's redesign how we manufacture everything.</p> <p><a href="#">LEARN MORE</a></p> | <p>APPLY BY SEPT. 30</p>  <p>Let's reimagine how we get around.</p> <p><a href="#">LEARN MORE</a></p>                       |  |





**GREEN JOBS**  
TRAINING PROGRAM

Receive the skills needed to be  
competitive in the workforce  
of the future.

Register Now!  
**FREE**

# 8 WEEK TRAINING SESSION

Saturdays Only.  
Beginning August 2022

**CERTIFICATIONS:**

OSHA 10  
Weatherization  
Basic Construction  
TWIC

**RESUME WRITING ASSISTANCE**

**JOB PLACEMENT ASSISTANCE**

*Participants must attend all classes on Saturdays  
from 8 am to 5 pm. Weekly stipend provided.*

**QUALIFICATIONS:**

- 18 years or older
- Male or Female
- High school diploma or GED
- Must be drug free (testing required)
- Two forms of ID (valid ID or driver's license  
and social security card)
- Reside in the Houston area
- Ability to read, write and speak English
- Criminal background discussed on a  
case-by-case basis\*

APPLICATION AND INTERVIEW REQUIRED.

**SATURDAYS, 8:30AM - 5PM**

**AUGUST 6 - SEPTEMBER 24, 2022**

**COALITION OF COMMUNITY ORGANIZATIONS (COCO)**

**3420 RUSK ST, SUITE 7, HOUSTON, TX 77003**

## UNEMPLOYED? UNDEREMPLOYED?

We are preparing workers today for Houston's  
green jobs of tomorrow!



For more information:



**Recruiter**  
Mr. Edric Neal  
832-814-7544

**Program Coordinator**  
Ms. Bertina Carter  
979-257-8410





Foundational Skills\*



Digital Literacy



Health Literacy



Financial Literacy

- ▶ CHOOSE A “GREENTOWN GO TRACK”
- ▶ IDENTIFY THE CHALLENGE
- ▶ USE BLUERPINT FUNCTIONAL SKILLS AND DOMAINS TO UNPACK THE CHALLENGE AND CREATE A SOLUTION
  - What foundational skills are needed for the solution?
  - What digital literacy is needed to document, develop and support the solution?
  - What health literacy is needed to understand the impact of the challenge and outcome of the solution?
  - What financial literacy is needed to support the solution?
  - What current industries exist to support the solution?

literacy  
energy  
fragmentation natural  
pollution future literate nature  
evolution global health environmental conservation  
water environment usage society deforestation  
biodiversity  
behavior citizens sanitary population attitude knowledge stewards equity change  
education sustainability resources  
habitat edges climate niche ecology human sustainable stewardship experience  
scarcity



# Resources Menu



QCode Joke Teacherspayteachers.com



Solar Farm Houston



Adult  
Literacy  
Blueprint

Roots of Success



Greentown GO



Texas Green  
Jobs Room



GHP Toolki



Kashmere Gardens





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