

The ReGenesis Story: Collaborative Problem-Solving at Work

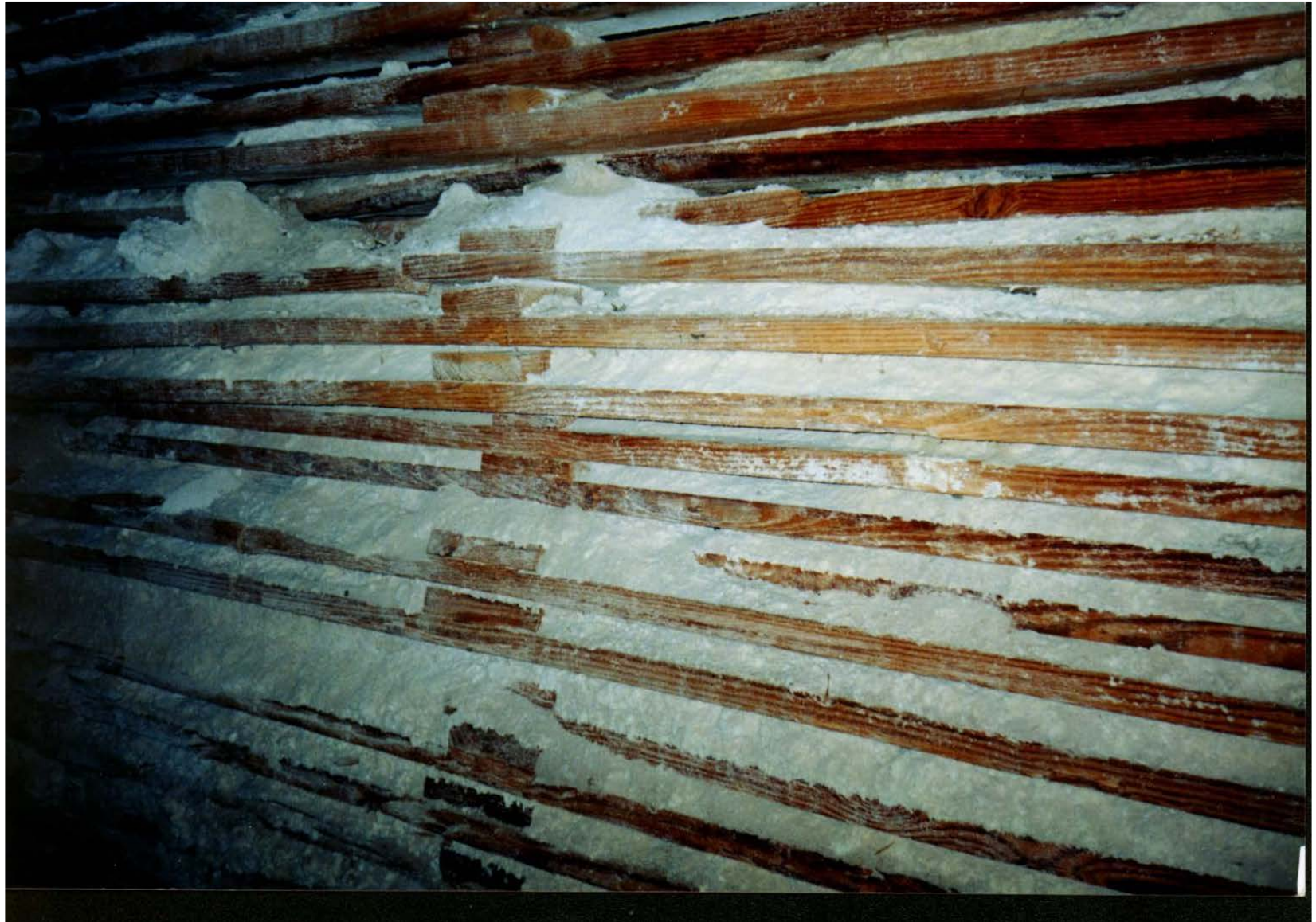
**Former South Carolina
State Representative
Harold Mitchell Jr.**





**DHEC sited a clean closure in 1986.
This photo taken 1998**

During the EPA investigation, it was determined that 48 tons of Super Phosphate fertilizer had been left in the facility, along with 2 underground storage tanks with 90 gallons of fuel oil left in them.



Acid pond that flowed off of the IMC site into Fairforest Creek.



In October of 1990, DHEC ordered the current owner to move the sulfur left by IMC to a proper C&D Landfill.



Sulfur was dumped over the back fence of the property next to FairForest Creek. The Acid Plant was identified after the sulfur was removed.



ABANDONED FERTILIZER PLANT



Illegal Demolition after site Investigation

Underneath the 20 tons of sulfur was the old acid plant from IMC discovered. This site was less than 50 feet from Fairforest Creek.



Trees in the dump can't root because of the content of the trash debris





**First Test pit dug up by
EPA in Landfill 100ft from
community fence line
was hypodermic needles
from the local Hospital**





In 1998 Senator Hollings requested an investigation of the IMC site.

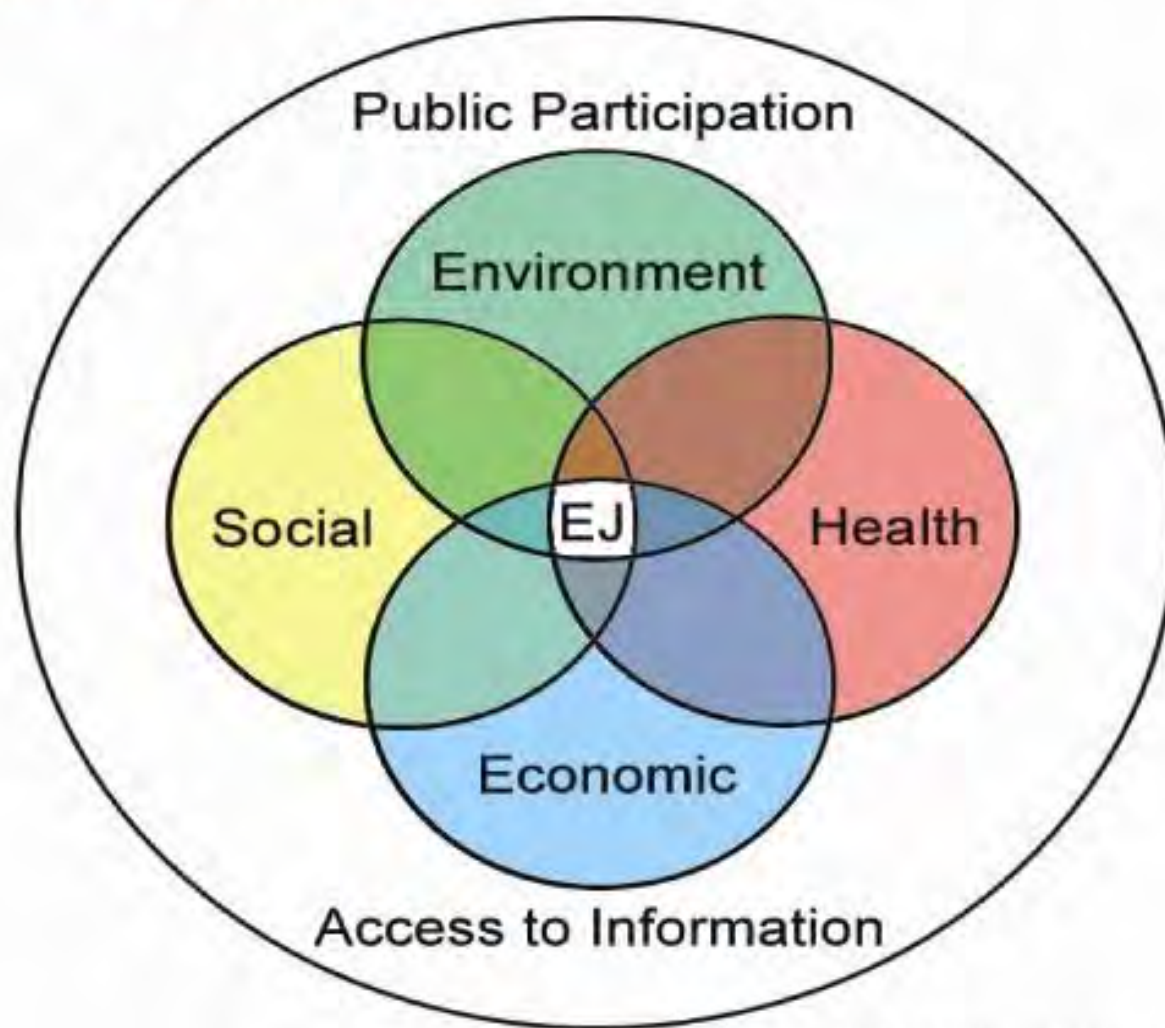
In 1998 EPA began workshops within the community to address the process of cleanup.



In 1998 the Arkwright Community addressed Landfill issues with the City Council



Indicators of Healthy and Sustainable Communities



EPA Office of Environmental Justice

The four categories the
ReGenesis Board wanted to
address

ISSUES

<u>Environmental:</u> Two Superfund Sites IMC Global Arkwright Dump Multiple Brownfield Sites	<u>Health:</u> Concerns of Abnormal/High Disease Incidence Lack of Health Care
<u>Economic:</u> Lack of Jobs Lack of Transportation Access Lack of Business Development Lack of Retail Establishments	<u>Social:</u> Crime Poor Housing Lack of Green Space Lack of Recreational Facilities Lack of Community Involvement



ARKWRIGHT MILL VILLAGE



EXISTING HOUSING CONDITIONS IN ARKWRIGHT

VISIONING



CHARETTES



In 2000 The Creation of the M.O.U. between the City of Spartanburg, Spartanburg County, the Housing Authority and ReGenesis signing ceremony.



Community Capacity Building and Multi-Stakeholder Partnerships

**Environmental
Cleanup and
Remediation**

Transportation

Housing

**Economic and
Commercial
Development**



Health

Public Safety

**Education, Jobs,
Life Skills**

**Recreation and
Green
Infrastructure**

The Beginning of Partnerships

- Designated as a Federal Interagency EJ Demonstration Project in May 2000
- Major focus of the project:
 - Health
 - Economic Development
 - Cleaning the Environment
- Received a \$20,000 EJ Small Grant in June 2000



South African Delegation & White House visits Spartanburg, South Carolina, to tour the Arkwright Community



... and Study Our
Environmental
Injustice



Some stories are hard to believe...fortunately, this story has a happy ending.

The Solvay Spartanburg Facility



ReGenesis/Solvay Dialogue Meetings began in Spartanburg 2000



Before

ReGenesis/ IMC, Fertilizer Facility Deconstruction Project after Litigation in 2000



After

**Designated Opportunity Zone 2017.
Designated 2019 for SC Renewable Tax Credits.
Eligible for SC Abandoned Mill Tax Credits.**



The First Federal Inter Agency Working Group EJ Meeting



FEDERAL INTERAGENCY ENVIRONMENTAL
JUSTICE DEMONSTRATION PROJECT

*Cleanup and Revitalization through Collaborative
Partnerships,
Arkwright and Forest Park Community*

Building A Livable Community Forum

August 21 - 22, 2000

The first "Building A Livable Community Forum" was held in Spartanburg, SC on August 21-22, 2000 and was attended by nearly 100 participants, including various federal, state and local government representatives as well as numerous community stakeholders. The excitement and enthusiasm of the many participants resulted in a vigorous plan to move forward with the many federal, state and local partnerships that have been initiated and will ultimately result in building a livable community.

Specific accomplishments of the Building A Livable Community Forum include:

- Theme:
*Building a Livable
Community Forum*
- Two-days Meeting
August 21-22, 2000
- 7 Federal agencies
were in attendance

- ♦ Charles Lee and Jewell Harper from the US Environmental Protection Agency (USEPA), introduced the Federal Interagency Environmental Justice Working Group and the expectations for the demonstration projects. It was emphasized that this project more clearly reflects the community-driven, multi-stakeholder, multi-faceted collaboration that was envisioned when these projects were initiated.
- ♦ Local Officials, including Mayor James Talley and County Administrator James Hartmann shared their vision and welcomed the assistance from the federal sector and others. They further acknowledged that this effort was initiated by the community and pledged their support to make redevelopment a reality.
- ♦ *Expanding Community Transportation Choices Initiative:* A Mile long connector is being proposed to open access to the 500 acre area. Federal and State DOT officials are working with local government and congressional interests to further develop plans. The lack of adequate transportation routes into the area considered an environmental justice concern. Wendell Stills, of the US DOT is the primary contact for this initiative.

The Second Inter Agency Working Group EJ Meeting

- Held a month later, on September 20, 2000
- In attendance 50 participants
 - Federal
 - State
 - Local
 - Residents
- Develop goals for the project

**Integrated Interagency
Environmental Justice Demonstration Project
Minutes
Wednesday, September 20, 2000
9:30 a.m. - 4:00 p.m.**

The meeting of the Environmental Justice Demonstration Project was held at the Spartanburg Vision Center at 9:30 a.m. on September 20, 2000. The meeting began at approximately 9:40 a.m.

Present:

Approximately fifty participants representing Federal and State Agencies, Spartanburg County & City, and residents of the Arkwright and Forest Park communities.

Welcome & Introductions

Agency Updates/Several Agencies Participated via Conference Call

- \$675,000 - Senator F. Hollings, via EPA, for promotion and revitalization. Vote for approval goes to Senate Floor today but is expected to pass. These funds do not include other grants that may be applied for. Harold Mitchell, Regenisis, will forward proposal to the Ford Foundation for fund allocation.
- Ford Foundation, Inc. will provide Regenisis, Inc. with funds.

Project Maps

- Maps distributed to the group.
- Project area was defined. Map will be edited and redistributed at the next meeting.
- Forest Park inside City line and Arkwright located within the County.

Community Involvement

Regenisis is a community-based organization in the Arkwright/Forest Park area whose primary members are community residents. After discussion it is agreed that the project will be known as the Regenisis Project.

The group formed through a beautification project when an alarming amount of similar serious illnesses began to affect the area. Board Members were selected to represent both communities. Collaboration efforts with existing organizations include representatives of the County and City, Federal and State, and Regenisis – contact person: Rosalind Brown. Monthly meetings are held and the group is developing Focus Groups to:

- Identify cleanup
- Create an Arkwright model project

Goals

The participants were divided into sub-groups to develop goals from Community, County/City, and Federal/State agency perspectives.

COMMUNITY	COUNTY/CITY	FEDERAL/STATE AGENCIES
<ul style="list-style-type: none">➤ Affordable Housing Improvement Programs➤ Banks➤ Clean the Land➤ Crime Management➤ Cultural Center & Programs	COUNTY GOALS <ul style="list-style-type: none">➤ Community Cleanup➤ Community Health (Others)➤ Environmental Cleanup➤ Improved Infrastructure➤ Long Term Sustainability	DOE <ul style="list-style-type: none">➤ Brightfields – Attract New Clean Industries to the Site➤ Efficient Use of Energy➤ Integration of High Tech i.e. solar, wind, ground source heat pumps

Acting EPA Administrator Marianne Horinko, EPA Region IV Administrator Jimmy Palmer, and EPA Asst. Administrator Tim Fields

visits, tours, and participates in the ReGenesis stakeholder meeting in 2003 before Health Center Grand Opening.



Affordable, Top Quality Healthcare

- Senator Fritz Hollings & Harold Mitchell worked together and opened the first ReGenesis Community Health Care Center, a Federally Qualified Health Center serving the medically underserved on Aug. 11, 2003



2003 OUR FIRST SITE

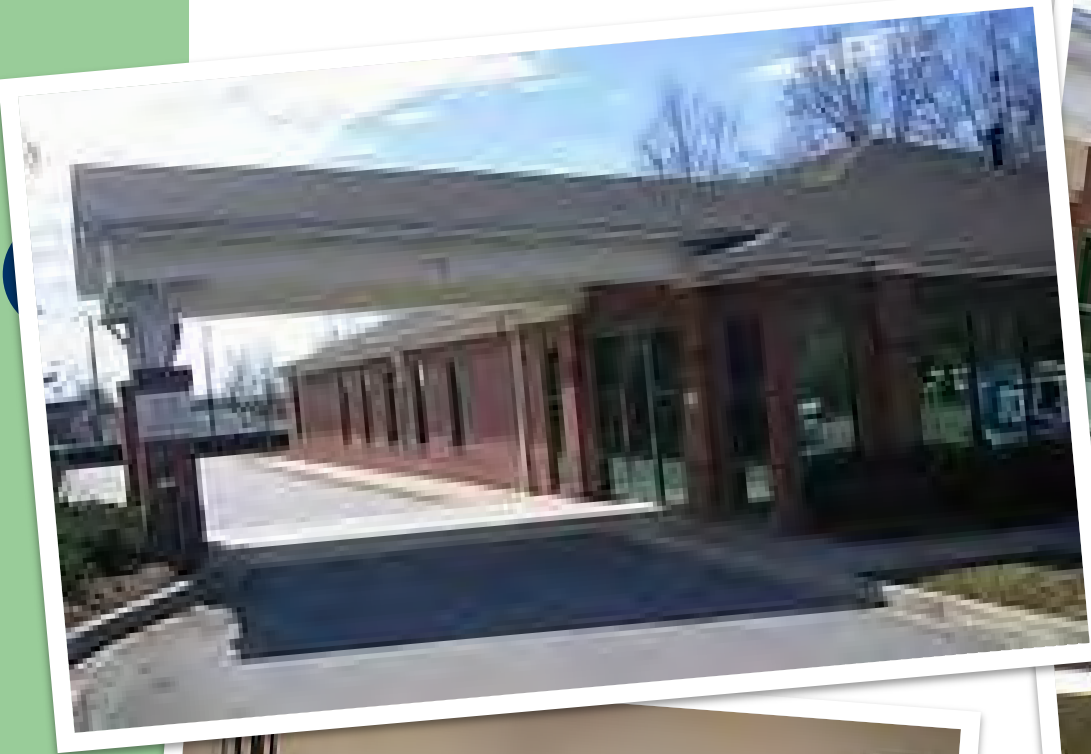


**Senator Fritz
Hollings & Harold
Mitchell at the
Grand Opening of
ReGenesis CHC**

**Mayor Barnett
& Harold Mitchell**



2005 Site Expansion



2016 Expansion due to increase of patient growth





AFTER HOURS HEALTHCARE FOR AGRICULTURAL WORKERS EVERY TUESDAY & THURSDAY 5:00pm - 9:00pm

These hours are for all of those that work in:

- Packing and facilities
- Fields/farms of vegetables and fruits
- Livestock and milking
- Pigs
- Nurseries
- Pine straw
- Breeding of poultry & livestock
(Cows, Horses, Sheep, Goats, Turkeys & Chickens)
- Other types of agricultural work

**GAFFNEY OFFICE
1604 N. Limestone St.
Gaffney, SC 29340
(864) 582 - 2411**

Bring your picture ID and your Migrant Health Card to be seen. If you have yet to sign up for the program, please bring a check stub or a letter from your supervisor.

For more information please call:
Diandra: (864) 978-3558

**I CARE ABOUT AMERICA'S
AGRICULTURAL WORKERS**
www.ncfh.org/ag-worker-access-2020.html



ReGenesis Health Care

My Family. My Doctor. My Choice.

Pharmacy

There is a large population nationwide who are underinsured or uninsured and unable to afford health insurance or medications. ReGenesis Healthcare is dedicated to helping those who don't have the means to afford traditional healthcare programs, so we entered into the market as a cost-efficient solution to provide services in the Spartanburg and Cherokee County areas, and we've remained that way ever since.

Our pharmacy provides medications at a reasonable price reducing the cost, to make medications affordable to our patients. In fact, we strive to supply patients with a cost savings of up to 50 percent off the price of both generic and brand name meds. This is done through our 340B program. Call us to see how we can help you obtain the medications that you need

OUR Pharmacy is here to help you and your family live happier, healthier lives!

If you need assistance paying for your medication, please ask about programs that may be available to you.

Hours of Operation:

Monday - Friday 8:30am - 5:00pm

(Please note we are closed daily for lunch between 12:30 - 1:30)

**PHARMACY LOCATED:
750 S. Church St.
Spartanburg, SC 29306**

**For pharmacy services
please call 864.699.3283**

www.myrhc.org

PHARMACY

In 2004 ReGenesis became the 1st recipient of the States Voluntary Cleanup Program, Cleaning up and Remediating a former abandoned Textile Mill site for Petroleum and Hazardous Waste

Before



**Site designated Opportunity Zone in 2017.
Eligible for States Abandoned Textile Mill Tax
Credits.**

After



Jobs Training, Community Involvement, Self-Sufficiency and Workforce Development

Community Involvement, Self-Sufficiency, and Workforce Development



Asbestos Abatement Training 2004



CONSTRUCTION TRADE CLASS



Removal of Distressed Housing







SENIOR HOUSING



**\$20 Million HOPE VI grant helped convert the
former Phyllis Goins to the New Collins Park in 2006**



**FORMER PHYLLIS
GOINS**



COLLINS PARK





Affordable Housing DEVELOPMENT PROJECTS



22 South Korean reporters visit ReGenesis Project Area October 2008





KOREAN DELEGATES

Came to visit
Spartanburg, SC to
learn more on
revitalization.





The New Green LEED Design
C.C. Woodson Recreational
Center opened 2010



NFL Carolina Panthers funded
Multi – purpose Field

SOUTH CHURCH PLAZA



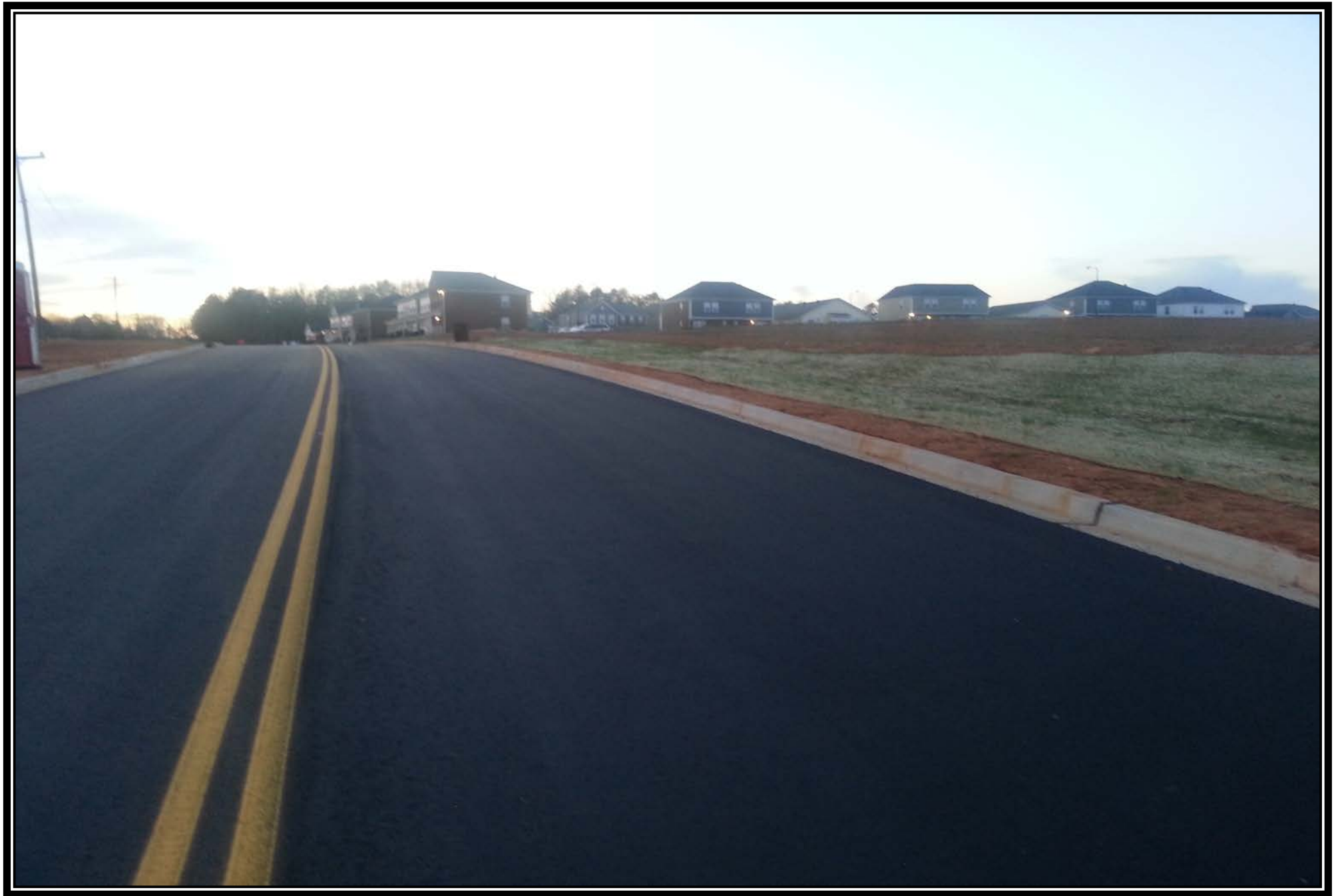
The New 45,000 sq. ft.
Shopping Plaza addressed
our Food Desert Obstacle





In 2015 ReGenesis began constructing Affordable Craftsman Style Energy Efficient Homes

Sen.Hollings earmark New Access Road



**Global Classroom exchange between our Title One School and
Students from South Africa**









2014 Arkwright Dump Site Capped Designated Opportunity Zone 2017



CGI Commitment To Action for converting the former Superfund Arkwright Landfill into a Solar Farm in 2016.



Delivering a clean renewable energy future to the communities of Spartanburg



Clinton cites Arkwright solar project in clean energy speech



▲ HIDE CAPTION

Democratic presidential candidate Hillary Clinton cited the planned Arkwright solar farm in a speech on clean energy at Miami Dade College in Miami Tuesday. - [Andrew Harnik/AP](#)

Future Site of the ReGenesis Revitalizing Vulnerable Communities Institute located on former Brownfield Arkwright Textile Mill site. Designated Opportunity Zone 2017



This progressive design showcase features a steel superstructure, passive solar design, a green roof garden with rainwater storage tanks, solar panel array, wind farm and integrated site biofiltration systems.
Gross SF: 25,000+
Projected Cost: 25-30 Million US

Arkwright STEM Campus
Spartanburg, South Carolina

October 6 2017



ReGenesis Innovation Center



The “State of the Art” facility will house the Renewable Energy STEAM School, the Revitalizing Vulnerable Communities Institute, and the Tiger Woods Renewable Energy Golf Learning Center.

Beau Welling, designed a Urban Green Public Golf Course on three Brownfield sites in the ReGenesis Project Area

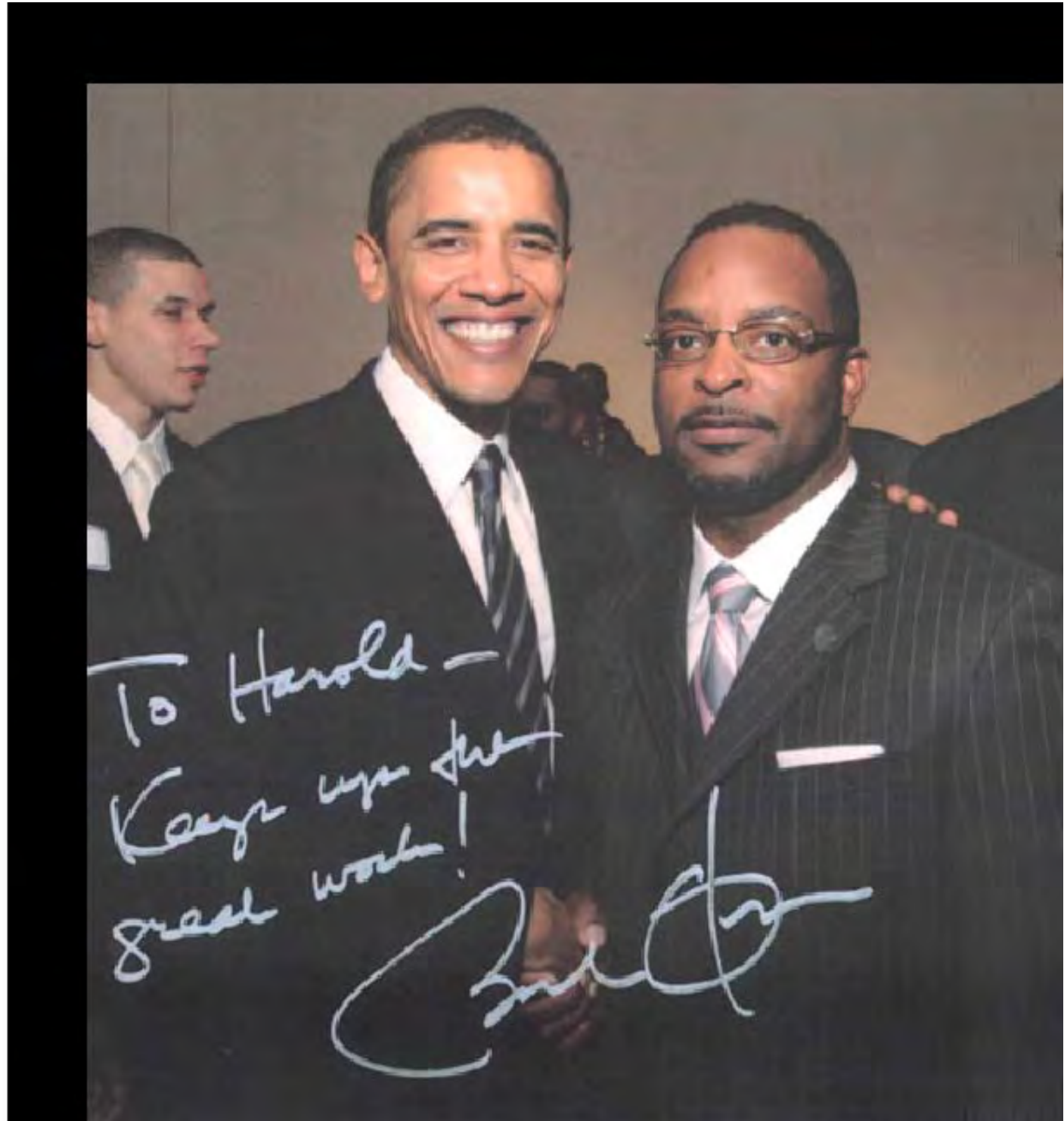


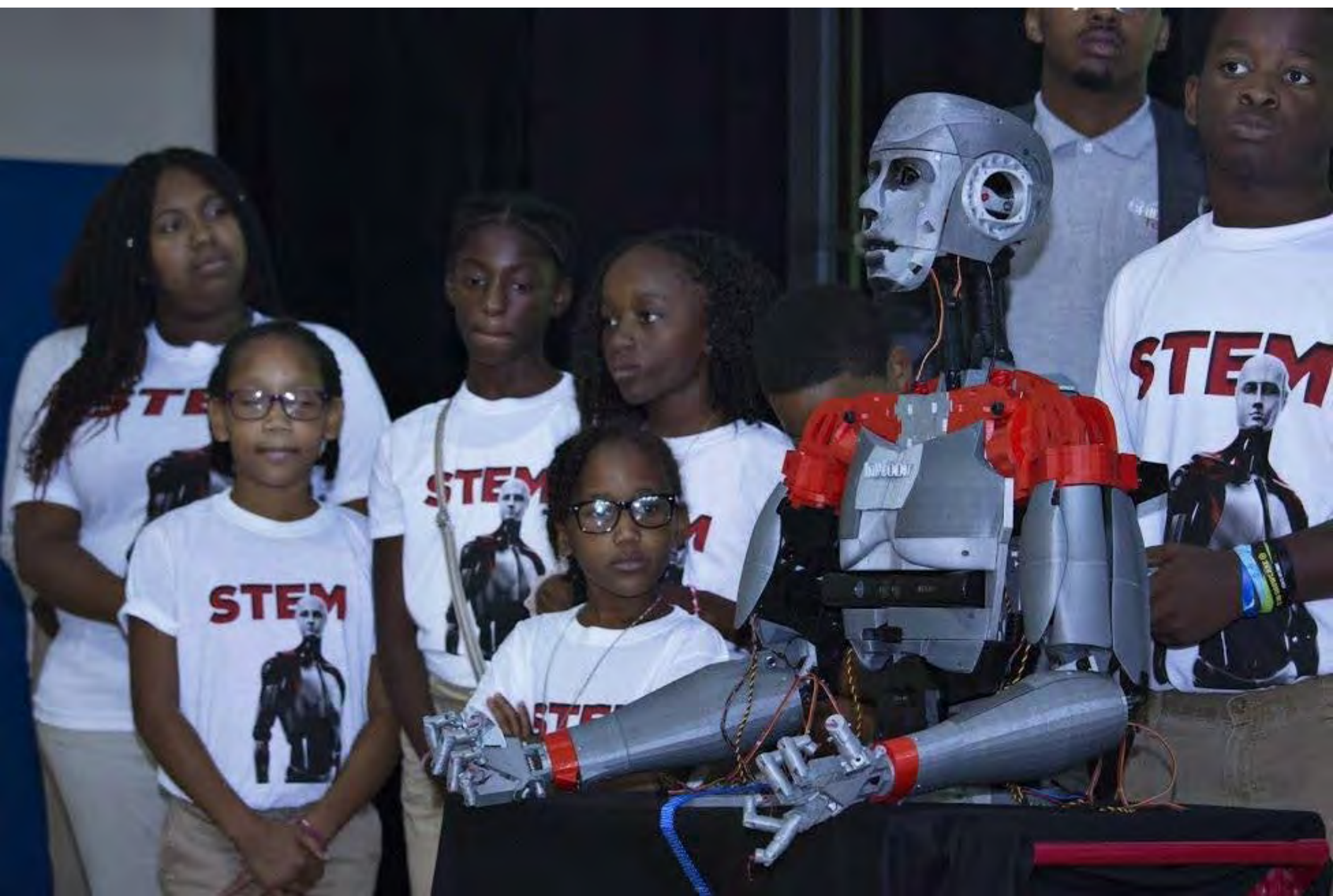
**The
Bridgetech
STEM
School of
Greenville
SC Students
Built first
Human
Android in
SC**



**The Bridgetech
STEM School is
partnering with
ReGenesis to
create a
Renewable Energy
STEAM School at
the ReGenesis
Institute with a
focus on
Aquaponics, Wind,
Hydro, and Solar
Energy**

**2016
President
Obama
Kicked off
his Clean
Energy
tour in
Spartanburg
SC**



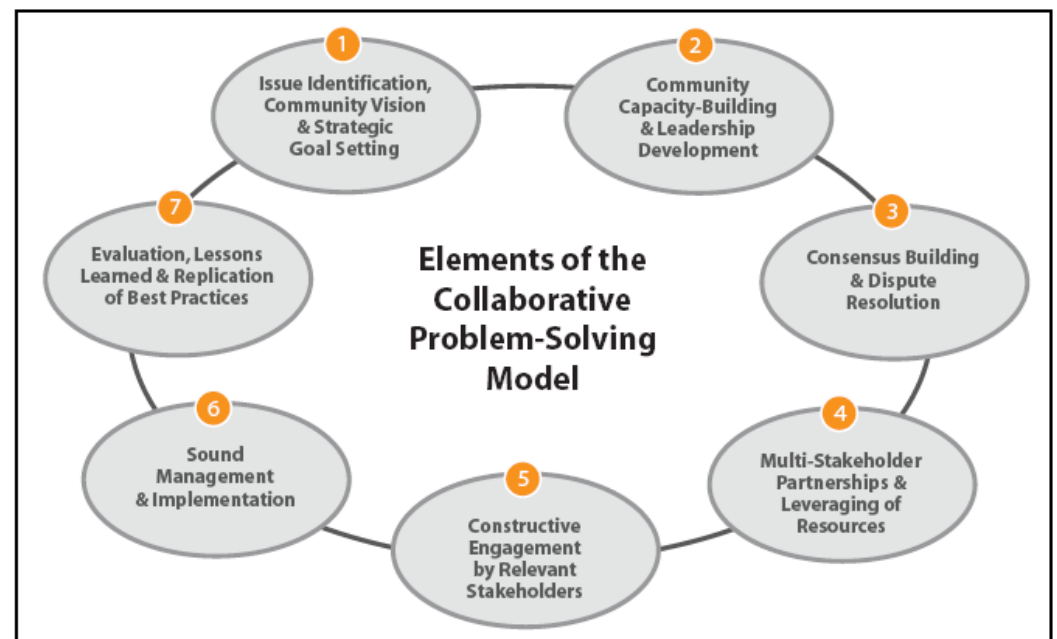
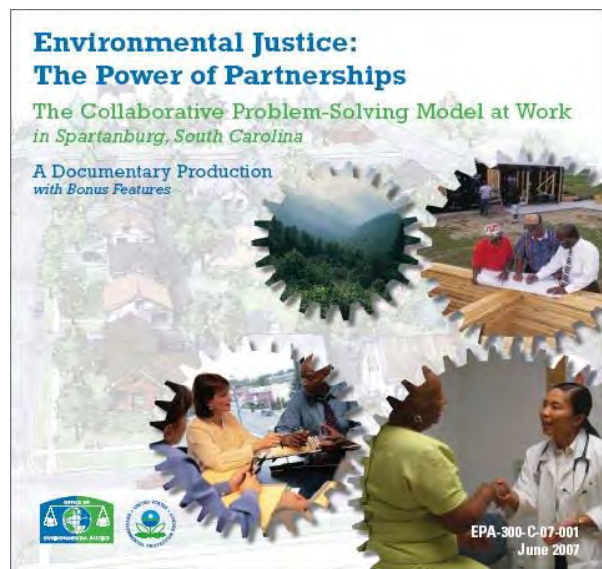


Proposed Aquaponics reuse for the Former IMC Fertilizer Superfund Site Designated as a Opportunity Zone 2017

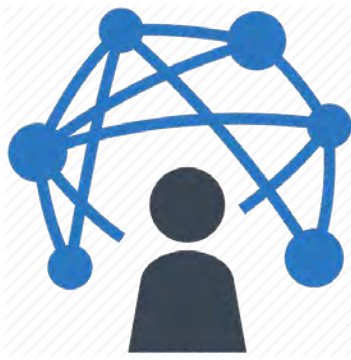


02/13/2017

Collaborative problem-solving uses partnerships and other consensus processes to secure the necessary resources to realize environmental and/or public health improvements in environmentally and economically distressed communities



OUR VISION



Opportunities don't
happen.
You create them

Partner with us to change ...
the community,
the world.



MDB, Inc.

Doing Well by Doing Good

REGENESIS PARTNERSHIP BENEFITS AND LEVERAGING REPORT (2000-2020)

A National Model of Environmental Justice and Community Revitalization Success

MDB, Inc. and ReGenesis Community Development Corporation

