

Jobenomics National Grassroots Movement
**focuses on mass-producing local micro and
nonemployer businesses and jobs.**



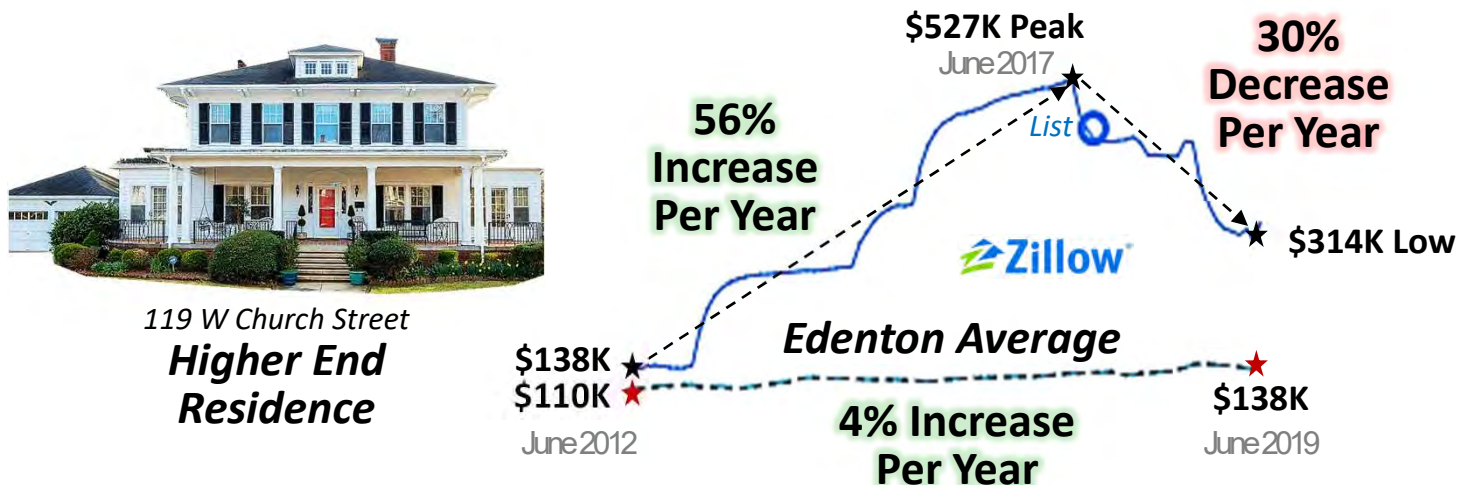
Jobenomics Edenton will create new businesses and
jobs with emphasis on under-resourced communities in
rural Chowan County North Carolina.

Chuck Vollmer, Founder & President, Jobenomics National Grassroot Movement
David Quinn, CEO & President, Millennium Regional Development Corp (MRDC)

22 June 2019

Executive Summary

- Jobenomics Edenton is a regional **business** and **real estate** program focusing on Sandy Point, Edenton and Chowan County.
- Sandy Point will be high-tech, high-end harbor community for new businesses, entrepreneurs and veterans.
- Town of Edenton programs will focus on business and job creation initiatives in underserved neighborhoods.
- Chowan County programs will emphasize controlled environment agriculture (indoor) of vegetables, herbs and hemp (TBD).



Jobenomics Edenton should significantly improve the region's quality of life and tax base (property, business and income).

Jobenomics Edenton Guiding Principles



- Preserve and enhance **Chowan County**'s abundance of historic landmarks, architecture, recreational activities, agricultural and aquatic resources.
- Perpetuate **The Town of Edenton**'s legacy of charm, beauty and heritage as a vibrant small Southern town and strengthen its economy and labor force.
- Build on the excellent work and design principles of the **Sandy Point Development** project.
- Proceed at a pace congruent with **local stakeholders, officials and decision-makers**.
- Provide business and career opportunities for **local citizens first** and then attract entrepreneurial high-skilled workers and businesses to help create a **sustainable 21st Century community** replete with Southern hospitality and values.

Underpinning values principles: Faith, Family and Freedom.

Jobenomics



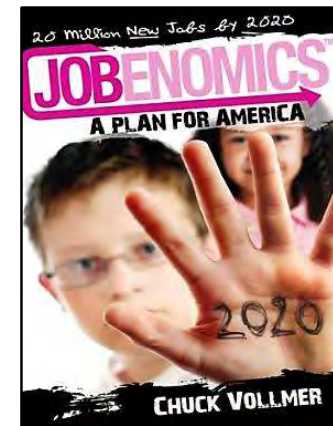
Bipartisan National Grassroots Movement

- Reached tens of millions of people via:
- Tens of thousands of Jobenomics.com page views each month.
- Jobenomics America TV launched in 2018

JOBENOMICS.COM

Books, Research & Special Reports

- Focus on economic, community, small business and workforce development.
- First book established published 2010.
- Ten e-books and ninety special reports.



Urban Renewal & Rural Revitalization Programs

- Two dozen initiatives led by community leaders.
- Six major highly-scalable turnkey programs.

Primary focus: economic, community, small business and workforce development at the base of America's socio-economic pyramid.

Millennium Regional Development Corp (MRDC)

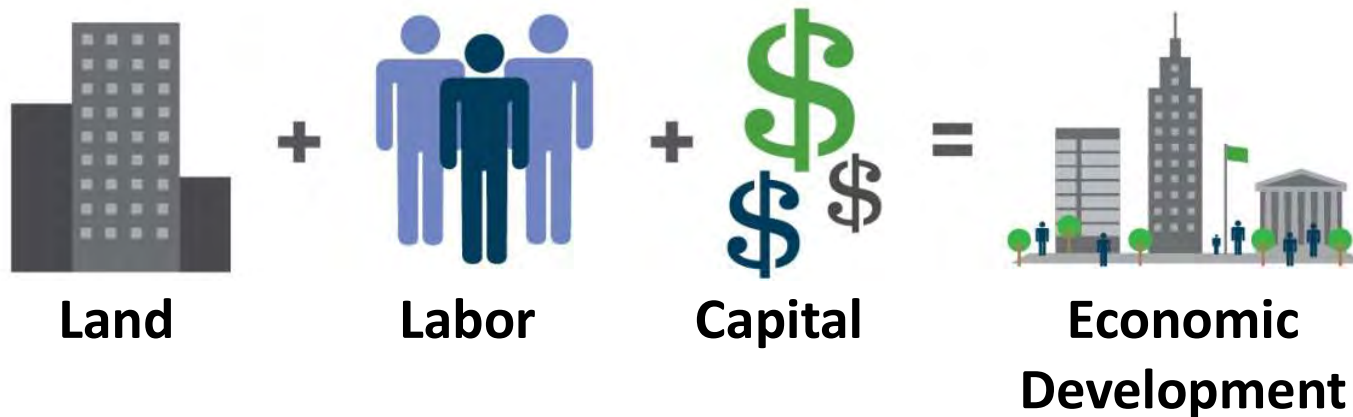


- MRDC is the program manager for the Edenton Regional Development Program.
- Edenton Regional Development Program highlights:
 - Acquire and develop the 939-acre Sandy Point Development Project with initial emphasis on veteran home ownership, business creation and sustainable second careers.
 - The Opportunity Zone north of Edenton will feature a 1 to 15-acre indoor Controlled Environment Agriculture (CEA) facility that will be expanded and duplicated throughout the region.
 - Edenton will be the center for new entrepreneurial startups.
 - The Program will also consider incorporating the Regional Airport and Golf Course.

MRDC is currently negotiating a \$7M acquisition of Sandy Point and has Opportunity Zone Funding for the CEA Program.

A Different Approach To Economic And Community Development

Traditional **Top-Down** Approach



Jobenomics **Bottom-Up** Approach

Jobenomics Approach Is Better Suited For Under-Resourced Communities



Traditional **Top-Down** Approach

Attract 1 Large
\$100,000,000/year
Enterprise



Jobenomics **Bottom-Up** Approach

Start 1,000
\$100,000/year
Micro Businesses
(1-19 Employees)



Under-resourced communities have difficulty attracting big companies but can mass-produce **small businesses** and **livable wage jobs**.

Jobenomics Community-Based Business Generator (JCBBG) Concept



Due Diligence & Candidate Selection Process

Incorporate Self-Employed Business

**9,000
Skills-Based
Training &
Certification
Programs**



**Pipeline System
To Full-Time Jobs
(W2) Or Sub-
Contracted
(1099) Work**

Scaleup Existing Businesses

Startup Micro-Businesses

Primary goal is to mass-produce micro-businesses that are anchored in under-resourced neighborhoods to help alleviate poverty and crime.

Entrepreneur Empowerment Centers

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- Club E (Atlanta) is a Jobenomics co-working entrepreneur empowerment center.



- Recent Club E Startups:



David Quinn and Chuck Vollmer were key members of the Club E Atlanta project development team.

North Carolina Veterans

A large and underutilized labor pool of proven leaders and talent.



Veteran Status		United States	North Carolina	Chowan County	Edenton
Wartime Veterans	WWII	614,532	14,631	108	54
	Korea	1,472,721	43,952	115	73
	Vietnam	6,499,806	228,251	585	268
	Gulf (1990s)	3,786,051	158,733	259	146
	Gulf (2001-2017)	3,524,844	139,069	143	92
Peacetime Veterans		2,306,651	71,408	127	48
Total Veterans		18,204,605	656,044	1337	681
Percent of Population		7.3%	8.3%	11.8%	11.8%

Source: U.S. Census Bureau (2017), American Community Survey 1-year estimates

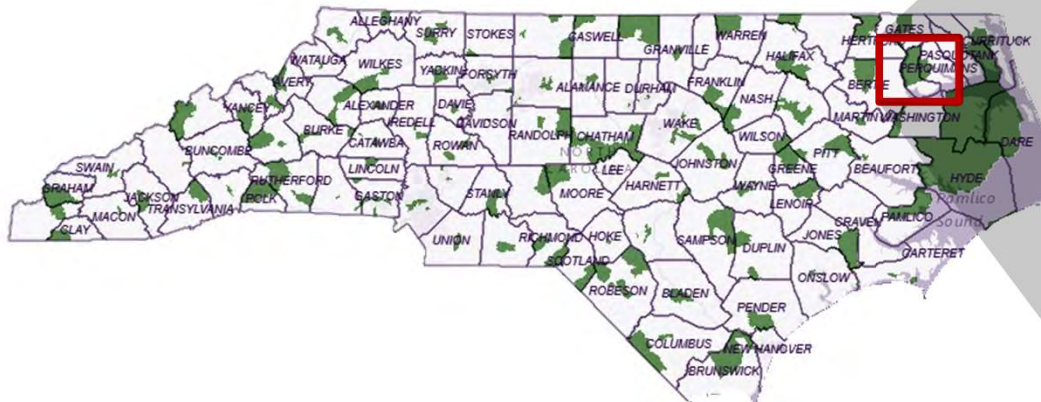
Chowan County and Edenton have one of the highest concentrations of veterans in the USA. Jobenomics Edenton has tailored business and job creation programs and access to funding sources for veterans.

Key North Carolina Considerations

- **Population** 10,383,620 (change since 2010: **+8.9%**)
 - White **71%**, Black 22%, Other 7% (Hispanic 9.5%)
- **Median income** \$50,320 (**13% below** national average of \$57,652)
- **Poverty level** 14.7% (**10% above** national average 13.4%)
 - White **46%**, Black 28%, Hispanic 15%, Other 11%
- **Firm Ownership**
 - Male-owned 60%, Female-owned **40%**
 - Nonminority-owned 77%, Minority-owned **23%**
 - Nonveteran-owned 89%, Veteran-owned **11%**

*Source: Census Bureau Quick Facts,
Census Bureau ACS 5-year Estimate*

NC's 252 Certified Opportunity Zones by U.S. Treasury

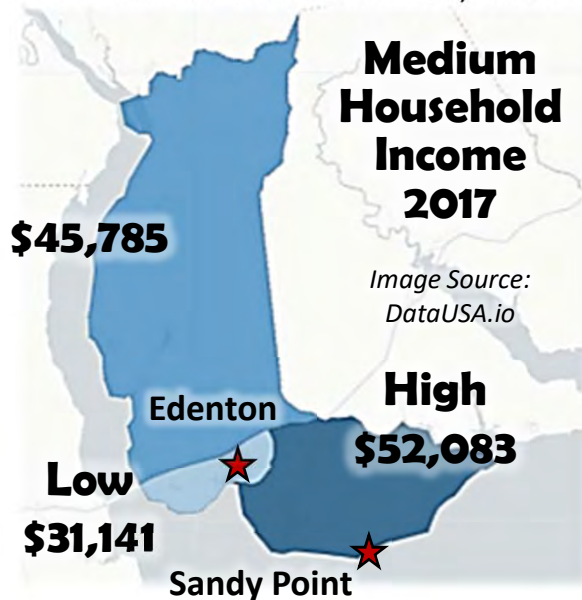


Jobenomics Edenton's focus is on creating startup businesses starting with Sandy Point and the Opportunity Zone near Edenton. 10

Key Chowan County Considerations

- **Population** 14,029 (change since 2010: **-5.2%**)
 - White **62%**, Black 35%, Other 3% (Hispanic 3.8%)
- **Median income** \$41,979 (**27% below** national average of \$57,652)
- **Poverty level** 17.6% (**31% above** national average 13.4%)
 - Black **61%**, White 29%, Other 10%
- **Firm Ownership**
 - Male-owned 62%, Female-owned **38%**
 - Nonminority-owned 87%, Minority-owned **13%**
 - Nonveteran-owned 82%, Veteran-owned **18%**

*Source: Census Bureau Quick Facts,
Census Bureau ACS 5-year Estimate*



% of Total Population Aged 25 to 64 Years Old



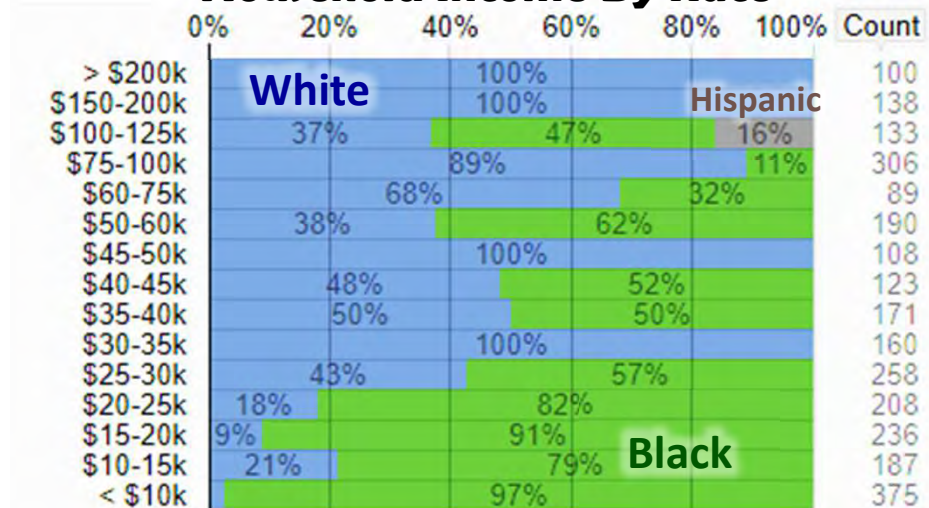
Chowan County's population of is one of the smallest in North Carolina with a lot of potential to employ its sidelined labor force. 11

Key Town of Edenton Considerations

- **Population** 4,668 (change since 2010: **-6.7%**)
 - Black **61%**, White 36%, Other 3% (Hispanic 1%)
- **Median income** \$27,596 (**53% below** national average of \$57,652)
- **Poverty level** 38.0% (**184% above** national average 13.4%)
 - Black **61%**, White 29%, Other 10%
- **Firm Ownership**
 - Male-owned 62%, Female-owned **38%**
 - Nonminority-owned 87%, Minority-owned **13%**
 - Nonveteran-owned 82%, Veteran-owned **18%**

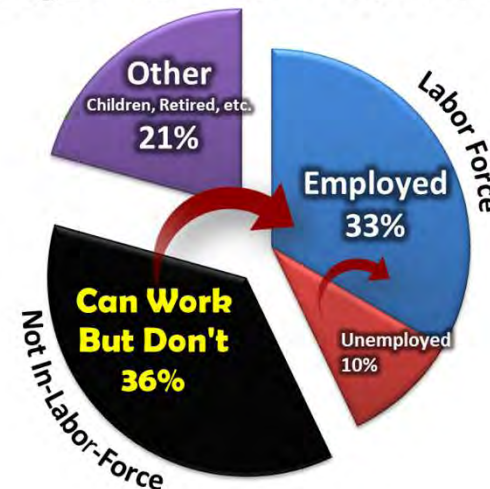
Source: Census Bureau American Fact Finder,
Census Bureau ACS 5-year Estimate

Household Income By Race



Source: Statistical Atlas Analysis of Census Bureau data

% of Total Population Aged 25 to 64 Years Old



African American Edentonians need greater income opportunity.
Two-thirds of Jobenomics City Chapters are led by African Americans,

Edenton Regional Development Plan

Initial Programs

1. Sandy Point Development
2. Urban/Rural Controlled Environment Agriculture

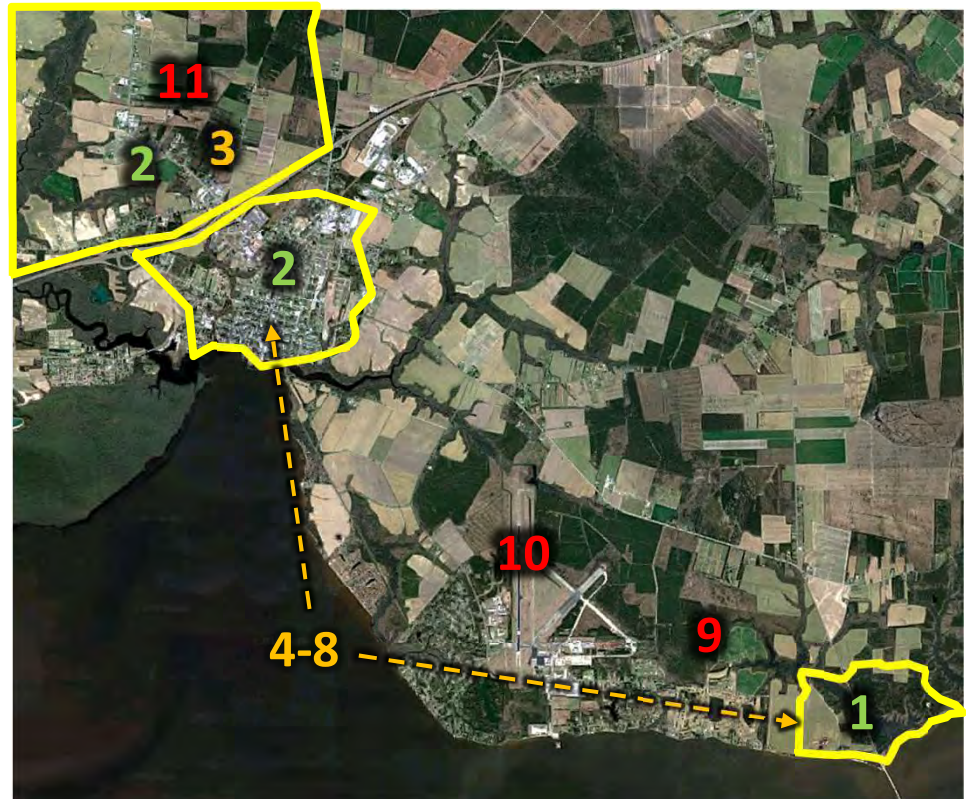
Follow-On Programs

3. Business Generator & E-Clubs
4. Heritage/Experiential Tourism
5. Renewable Energy Jobs
6. Digital Economy & Academies
7. Direct-Care Initiative
8. Urban Mining (eWaste Materials Reclamation)

Planned Programs

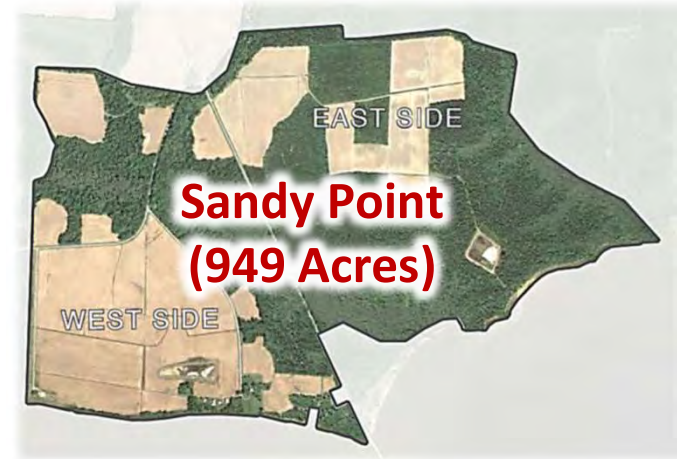
9. Sports & Entertainment Complex (Golf Course)
10. Aerospace Complex (Regional Airport)
11. Hemp/CBD Oil Processing & Extraction Complex

A **“living plan”** that will be adjusted according to local needs.



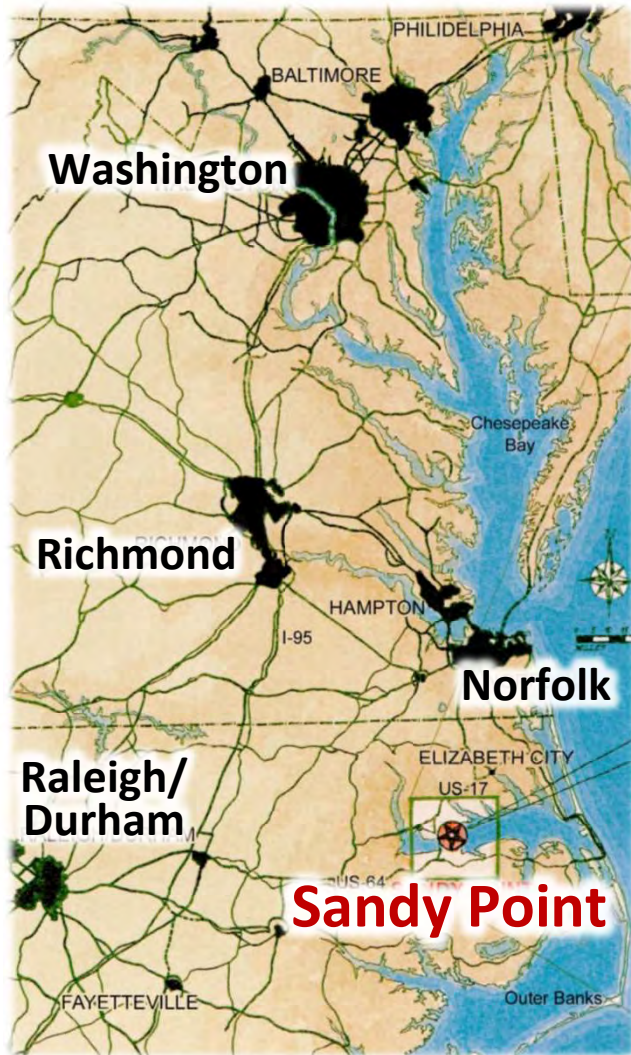
Sandy Point Development Project

- **Sandy Point team** will be a key part of the MRDC-Jobenomics team for this \$500M to \$1B project.
- The **Sandy Point Development** project provides an excellent real estate platform for Jobenomics small business and job creation programs.
- **MRDC-Jobenomics-Sandy Point team** have identified several locations in Sandy Point to begin construction of the first mixed use site in 2019 that will include:
 - Currently planned and permitted **real-estate projects**, such as infrastructure, homes and community facilities.
 - **New turnkey programs** (such as indoor agriculture and skills-based training programs) that can be implemented within a year.
 - A high percentage of **veterans** for the initial labor force.



Sandy Point Project is well-known and supported by local officials.

Sandy Point Map



Idyllically located on the Albemarle Sound.

Sandy Point Master Plan



LEEDS Platinum/Smart business community with 1,600 homes.

Sample Sandy Point Renderings



Fully permitted, ready for Phase 1 construction and mass-production of sustainable small businesses and jobs.

Jobenomics National Grassroots Movement
focus is on mass-producing small businesses and jobs.



Controlled Environment Agriculture (CEA) Program

For Under-Resourced Urban & Rural Communities

Controlled Environment Agriculture (CEA)

- A process of growing plants inside a grow room or greenhouse.
- CEA allows a grower to maintain light, carbon dioxide, temperature, humidity, water, pH levels, and nutrients to produce crops in ideal growing conditions with maximum yields.
- Jobenomics' CEA program is focused on mass-producing agribusinesses, micro-farms and agricultural-related jobs.

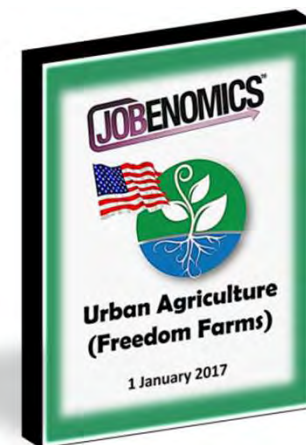


Global CEA market is projected to grow to **\$15.3 billion by 2024**, up from **\$6.5 billion in 2017**, potentially creating thousands of businesses and several million jobs in underserved rural and urban communities,

Jobenomics-ACTS Freedom Farms CEA



- Team: Jobenomics is teamed with ACTS Freedom Farms of America (ACTS FFA).
- Mission: Provide a solution to food shortage through self-sustaining and supportive live-work communities.
- Vision: Provide quality foods in harmony with the global environment, empowering individuals to become partners in high-tech controlled environment agriculture.
- Strategy: 1) home ownership combined with an agriculture career, 2) corporate owned indoor commercial growing operations and 3) train high-tech controlled environmental agricultural farmers.



ACTS



Desired Goal: Establish 25,000 new jobs within grow centers, and another 25,000 ancillary jobs.

Jobenomics/ACTS FFA Produce On Demand (POD) Business

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Goal is to create a pilot indoor-grow program in Edenton within the **next six months** to demonstrate the merits of a micro-farm.

Opportunity Zone Fund financing available.

Produce On Demand (POD)

Features

- Easily Scalable Modular Facility
 - Expandable modular construction for increased production
 - POD can be sited on any flat surface with limited site preparation
- Food Safety Compliant
 - Good Agriculture Practices (GAP)
 - Good Handling Practices (GHP)
 - Food Safety Modernization Act (FSMA)
- Smart Technology
 - Remote & Cloud-based Systems
 - Facility Management
 - Food Production Knowledge-Base
 - Security Access
 - Labor Management
- Climate Controlled Growing
 - LED Lighting
 - HVAC Systems
 - Fertigation Systems
 - CO2 Generation
 - De-Humidification Systems

Our POD systems are ideal proof-of-concept programs.

Jobenomics/ACTS FFA Veteran CEA Program & Veteran Community



Designed by ACTSFFA/Oculus for **VETERAN-OWNED** businesses and homes in California.



1200 acre, 22.6 million sq. ft. of indoor controlled environment agriculture, greenhouse village, hotel, farmers market, winery, production and distribution facilities, commercial and community centers, and 300 single-family homes

Live/Work Sustainable Communities



Homes that are affordable for **Sandy Point** and **Town of Edenton** residents that have livable wages and successful startup businesses.



Meets **Chowan County**'s needs for affordable homes, prosperity, green eco-friendly facilities, and business/job creation.

High \$ Value CEA Products

Common Crops

- Culinary Herbs
- Lettuce
- Spinach
- Tomatoes
- Strawberries
- Peppers
- Cucumbers



Specialty Crops

- Medicinal Herbs
- Flowers
- Mushrooms
- Ground Covers
- Ornamental Grasses
- Bamboo
- **Hemp**

The highest value crop is hemp. Cultivating hemp for CBD oil can generate as high as \$75,000 per acre in controlled conditions.

Industrial Hemp Products



Body-Care Products



CBD Oil



Food Supplements



Apparel



Fertilizer



Capacitors



Biofuels



Paper



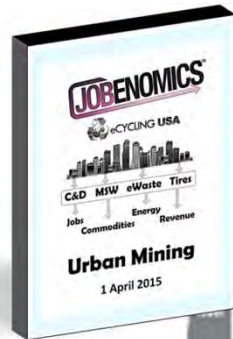
Rope



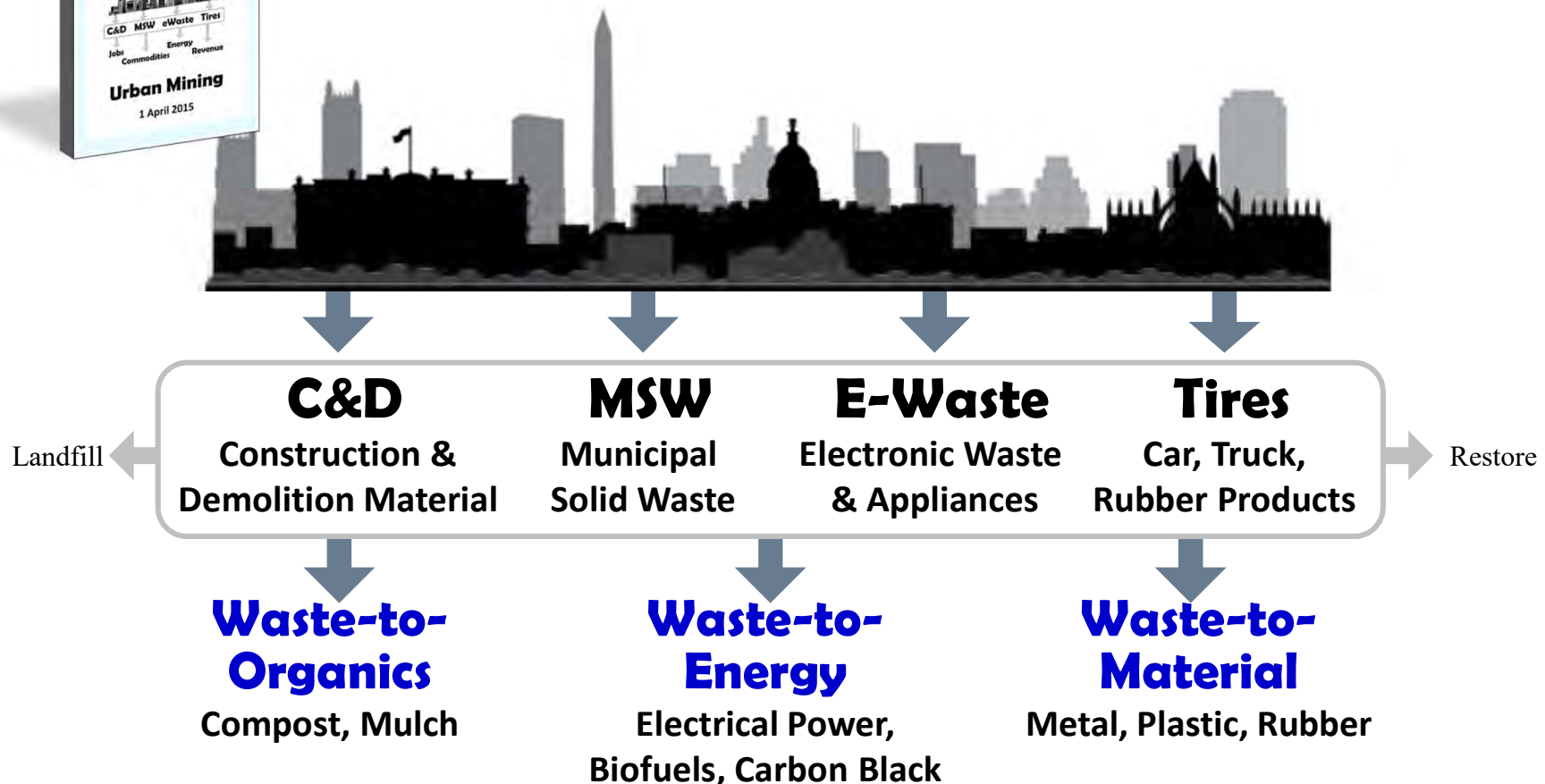
Hempcrete

The **U.S. Hemp-CBD market** is growing faster than marijuana and will be a **\$22 billion industry by 2020** (up from \$600m in 2018).

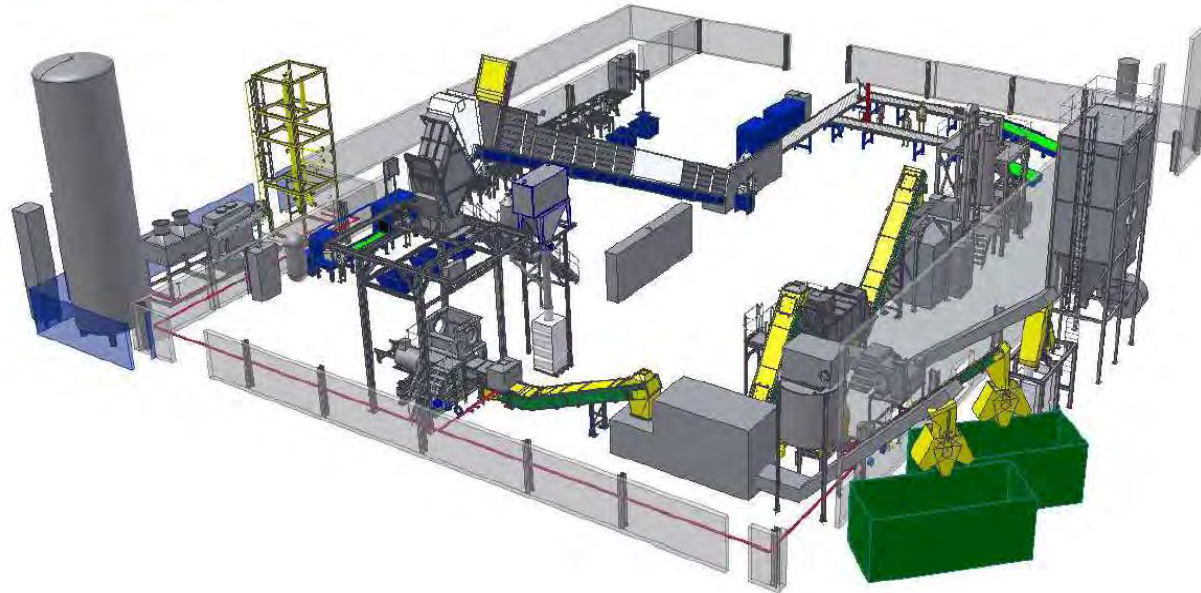
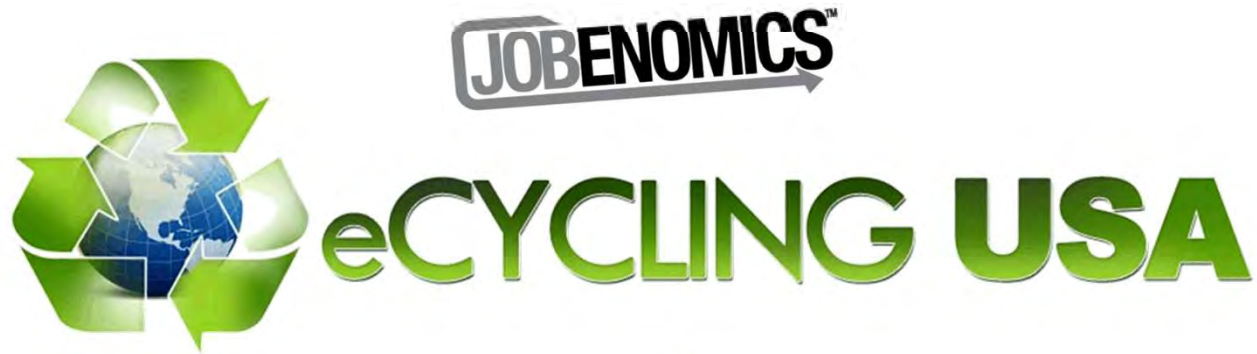
Jobenomics Urban Mining



Reclamation of valuable raw materials and metals from urban waste streams.



Urban Mining Goal: Monetize urban waste streams to produce businesses, jobs and revenues for workforce development.



**A new approach to urban mining, materials
reclamation and business/job creation.**

eWaste Material Reclamation Facility

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100 Operational Sites

Operational within 12-months after contract award.
Up to \$40 million/year profits and 200 direct jobs.

eCyclingUSA Plants

- **Two Line 10 Ton/Hour Plant:**
(Refrigeration & eScrap Separate Lines)
 - Equipment ≈ \$20 Million
 - 40,000 square foot facility
 - 10 to 15 acres
- **Combination 10 Ton/Hour Plant:**
(Refrigeration & eScrap Shared Post Processing)
 - Equipment ≈ \$13 Million
 - 35,000 square foot facility
 - 5 to 10 acres
- **eScrap Only 3 Ton/Hour Plant:**
 - Equipment ≈ \$5 Million
 - 8,000 square foot facility
 - 1 to 2 acres



eCyclingUSA can implement a turnkey plant within 12 months.

Revenue & Profit Projections

(10 ton/hour plant operating 3 shifts)

\$ Value of e-Waste Raw Materials

For Rough Estimating Purposes Only

10 ton/hour plant operating 3 shifts per day for 300 days per year

Feedstock: Computers, Consumer Electronics, Small and Large Appliances

Metal/Material	% of Feedstock	\$s per Metric Ton*	\$/Ton (2204 pounds)	Total \$/Year (10 ton/hour x 23 hour/day x 300 days/year)
Iron/Steel (Fe)	40%	\$ 350	\$ 140.00	\$ 9,660,000
Copper (85% Recovery)	5%	\$ 3,945	\$ 197.26	\$ 13,610,802
Aluminum (Al)	10%	\$ 1,499	\$ 149.87	\$ 10,341,168
ABS Plastics	25%	\$ 1,675	\$ 418.75	\$ 28,893,750
Other Plastics	25%	\$ 287	\$ 71.75	\$ 4,950,750
Computer Components	5%	\$ 2,082	\$ 104.10	\$ 7,182,900

Source: Jobenomics, eCyclingUSA

110%

Revenue** \$ 74,639,370

Cost of goods sold \$ 30,238,000

Operating expenses \$ 5,780,000

Net Income \$ 38,621,370

EBITDA 52%

* Scrap prices as of 12 March 2018

**Does not include grants, tax incentives or tipping fees

Profits from e-Waste operations can be used for community, micro-business and workforce development.

Renewable Energy Businesses & Green Jobs



**Net Zero Buildings &
Communities Installation &
Maintenance Businesses**



**Energy Audit, Weatherization
& Renovation Businesses**

The Energy Technology Revolution will create millions of new micro-business opportunities, such as independent contractors.

Green Business & Job Creation Programs



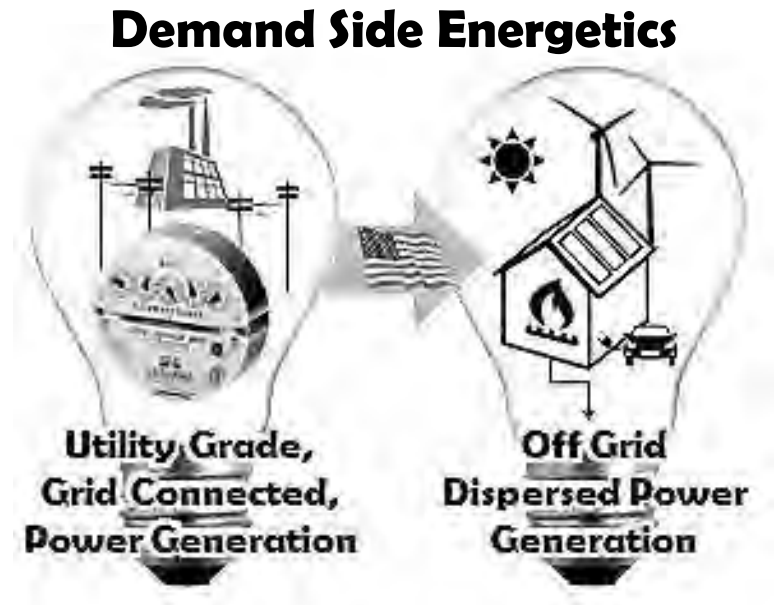
Examples of **highly-scalable** Jobenomics-EmeraldPlanet green business and job creation programs include:

- **Renewable energy**: solar, wind, low-flow hydro in tall buildings
- **Energy Efficiency**: energy audits, weatherization, renovation; LED electrical upgrading
- **Aquaculture**: aquaponics, hydroponics, water gardens, and salt water ecological farming
- **Storm Water Abatement**: urban capture, processing and retention; home-side water capture and reuse; rain gardens
- **Environmental Remediation**: soil, watershed and marshland remediation and regeneration
- **Affordable Housing**: small/tiny home construction & installation

The Jobenomics-EmeraldPlanet collaboration emphasizes green micro-business creation in under-resourced urban and rural communities.

Energy Services

- Demand Side Energetics
- Net-Zero Communities/Buildings
- Services: “**Energy’s 3rd Rail**”
 - Energy Efficiency/Conservation
 - Energy Assurance/Security
 - Disaster Preparedness/Recovery
 - Energy-as-a-Service (EaaS)
- Energy Technology Center



Jobenomics’ Joe Sarubbi with President Obama and Mrs. Biden

Digital Economy & Academies



- **Electronic Commerce**
 - Mobile Economy
 - Sharing Economy
- **On-Demand Economy**
- **Apps/Bots Economy**
 - Gig Economy
 - IoT Economy

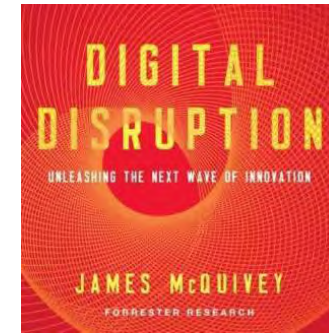
Digital Academies



The tradition economy growing at 2% per versus eCommerce growth of 15% per year. Jobenomics' team of eCommerce experts help set up websites to selling on all major platforms; Amazon, Google, Facebook, eBay and Shopify.

Digital Scaleups & Startups

- “Digital startups are at least **100-times easier to create** and have 10-times the number of innovators that can innovate at one-tenth the cost than traditional startups.” (McQuivey)



- **Top digital scaleup and startup platforms:** Amazon (2 million third-party sellers), Apple Store (650,000 apps developers), Google, Facebook, eBay, Craig's List, unicorns and gazelles.
- **Examples of digital occupations:** Digital health (health care, elder care, wellness, behavior care), shared economy (Uber, Airbnb), content providers, construction, transportation, technology, and various forms of mom-and-pop firms.

Unlike other countries, U.S. policy-makers and decision-leaders are not concentrating on the economic impact of the digital economy.

Jobenomics Direct-Care Program



Direct-Care Services

- Healthcare
- Social assistance
- Behavioral-care
- Elder-care
- Child-care



Direct-Care Center

- Information & Call Center
- Training & Certification Center
- Management and Quality Control



Former women head-of-households are ideal for direct-care jobs.

Direct-Care Telehealth Platforms

Examples of On-Demand Telehealth Programs

- **Teladoc** is the largest telehealth platform with 20 million members and over 3,000 licensed healthcare professionals.
- **DoctorOnDemand** connects patients in minutes to board-certified doctors and therapists over live video.
- **Go2Nurse** is an on-demand nurse/caretaker application service.
- **referralMD**'s standardizes referral network communication between primary care physicians and specialists.
- **American Well** is a complete telehealth service for healthcare companies, employers, or delivery networks.
- **MDLive**'s telemedicine system offers a patient experience, a provider experience, and a call center.
- **SnapMD** is virtual care management system with a patient interface, a provider interface and an administrative back-end.

The US telehealth market is expected to reach revenues of over \$ 13 billion by 2023, growing at a CAGR of 27%.

CLINICSTOP Micro Clinic for Diagnosis, Counseling and Remote Care

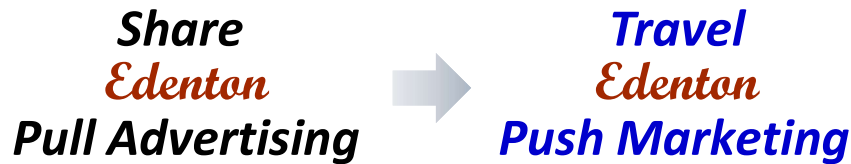
www.clinicstop.com

JOBENOMICS™
Edenton NC



Ideal for pharmacies, churches, community centers that provide healthcare, social assistance, and behavioral care.

Heritage & Experiential Tourism



Push Marketing Connects Tourists:

- **Digitally**
 - Social media-driven approach
 - Omni-channel content strategy
 - Off-grid & satellite internet
- **Socialistically**
 - Heritage & Cultural insights
 - Environmental interests
 - Transcendental experiences
- **Logistically**
 - Air/ground transportation
 - Accommodation/supplies
 - Emergency assistance
 - Concierge/guide services



Share Edenton relies on traditional **pull advertising**. *Travel Edenton* utilizes online **push marketing** of personal “**bucket list**” experiences.

Contact Information

Chuck Vollmer, Founder and President, Jobenomics National Grassroots Movement, 703-319-2090, cvollmer@jobenomics.com

David Quinn, CEO & President, Millennium Regional Development Corporation, 404-513-3283, david@mestizoent.com

www.Jobenomics.com

