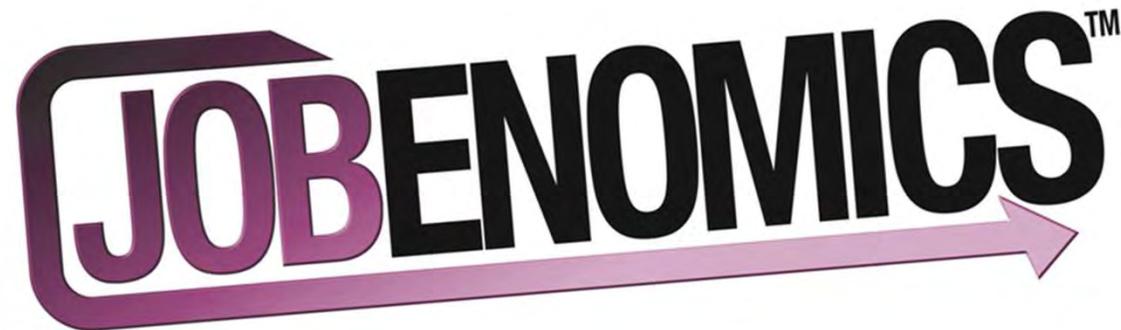


Jobenomics deals with the process of creating and mass-producing small businesses and jobs.



Jobenomics National Grassroots Movement is implementing highly-scalable business initiatives in under-resourced communities, emphasizing people who want to start a business or a sustainable career.

Executive Presentation

By: Chuck Vollmer

23 June 2021

Jobenomics



Founder, Chuck Vollmer

- Decorated combat fighter pilot and Fortune 50 executive now serving the underserved
- Founded hundreds of startup programs
- Author of eleven books and ninety special reports on economic, community, small business and workforce development

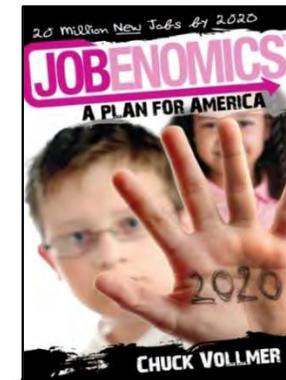


Chuck Vollmer



Nonpartisan Grassroots Movement

- Jobenomics chapters on four continents
- Dozens of U.S. regional, city, and neighborhood chapters in under-resourced communities
- A dozen highly scalable turnkey businesses, implementable within a year.
- Extensive free library at Jobenomics.com



Jobenomics.com

Primary focus: mass-producing startup businesses in underserved and under-resourced communities.

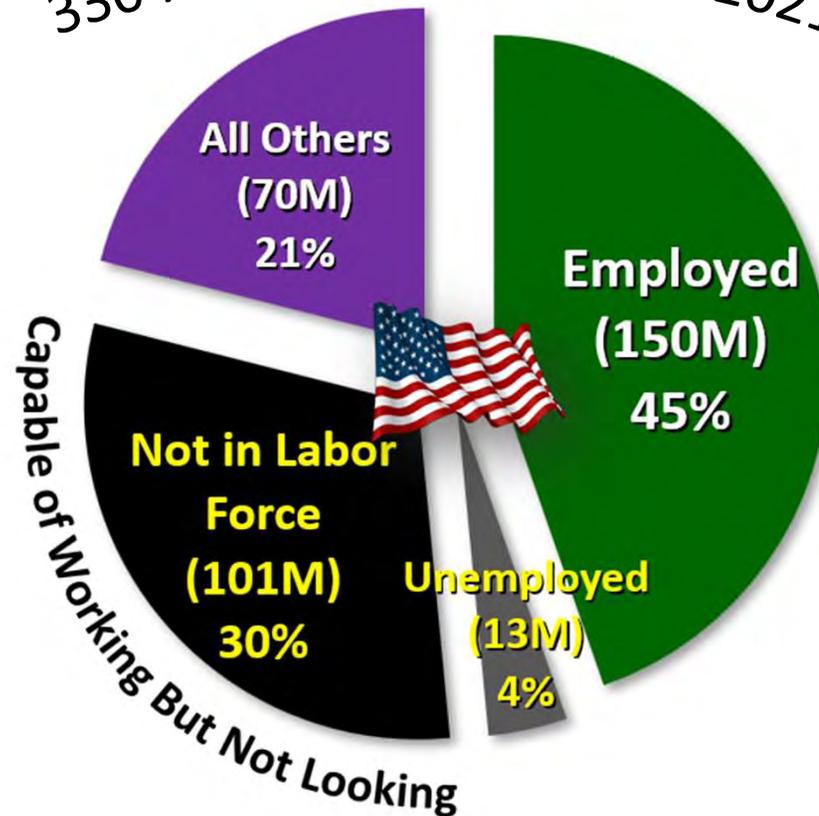
Jobenomics Intellectual Capital



Extensive research on the economic, community, business and workforce development.

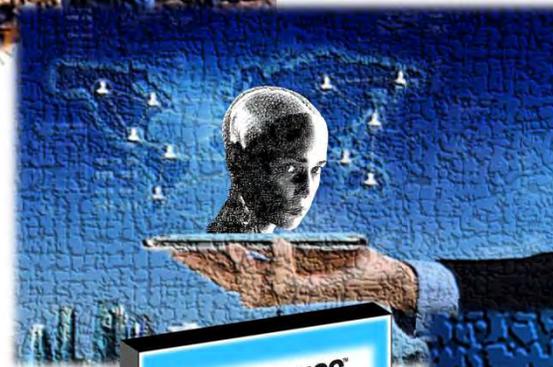
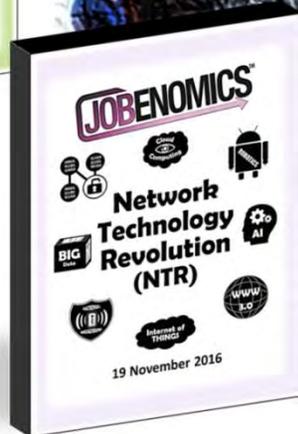
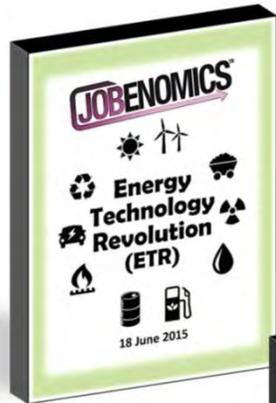
Jobenomics' Sidelined Workforce Focus

Percentage of Total U.S. Population
330 Million as of 1 March 2021



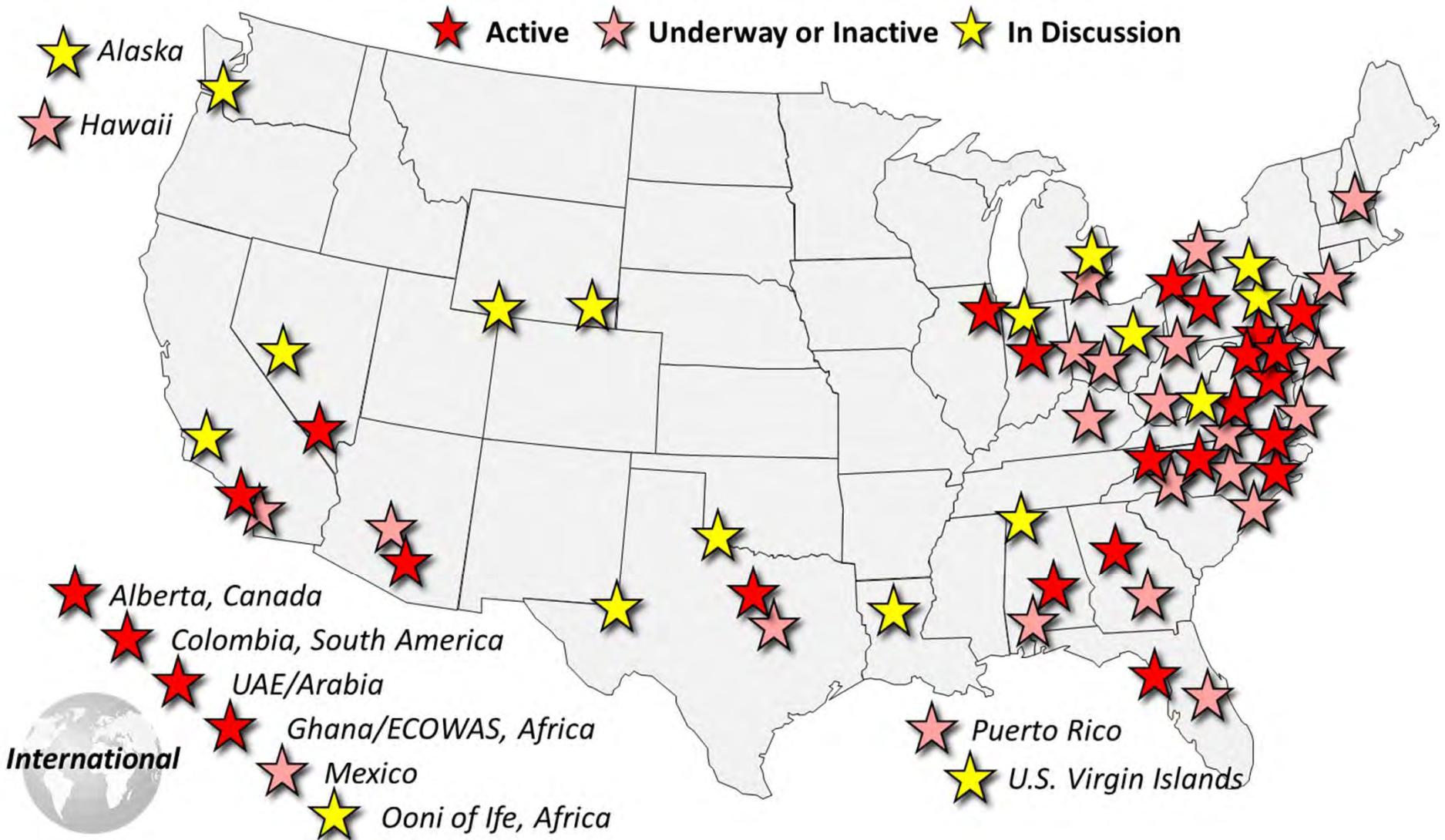
In today's pandemically-induced recession, **114 million American workers are sidelined**. Many of yesteryear's businesses and jobs will remain shuttered in tomorrow's **new normal**.

Post-Pandemic Business Growth Businesses



The Energy Technology Revolution, Network Technology Revolution and Emerging Digital Economy **business startups** will fuel post-pandemic economic growth.

Jobenomics Chapters

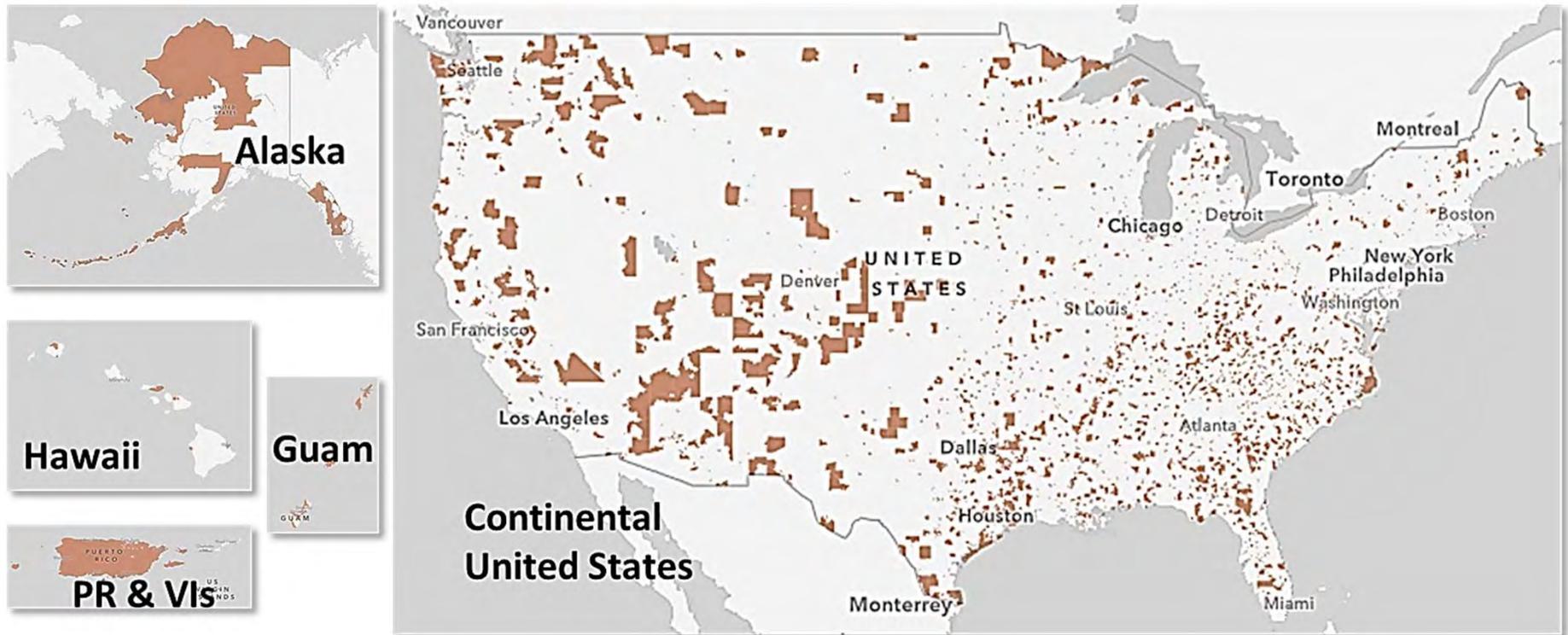


Since 2016, dozens of communities have started Jobenomics chapters that are in various stages of development.

Jobenomics Underserved Community Emphasis



8,700 Qualified Opportunity Zones:
Poorest 12% of all Census Tracts in the United States



Jobenomics focuses on urban renewal and rural revitalization programs in under-resourced communities.

Pre-Pandemic Opportunity Zone Statistics



Source: EIG analysis of U.S. Census Bureau, ACS 2014-2018
<https://eig.org/opportunityzones/facts-and-figures>



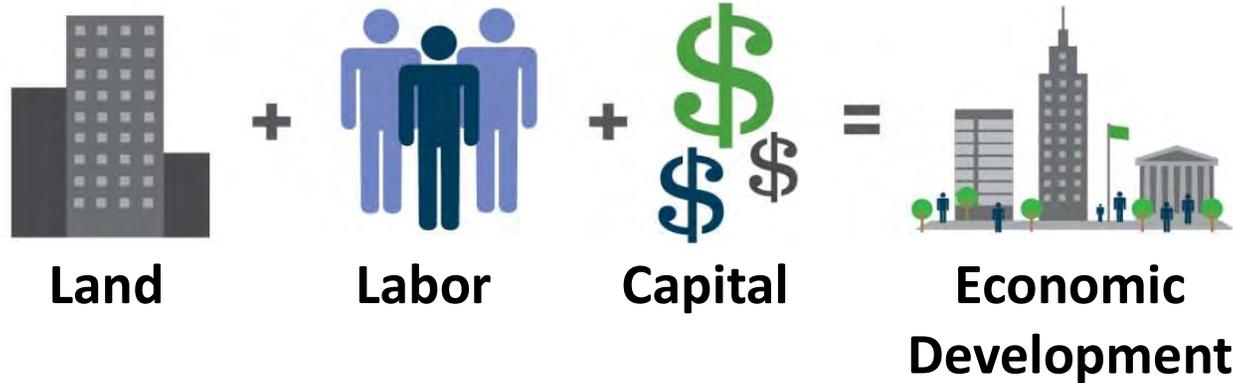
- 31.5 million people
 - 31% of working age adults
 - 57% minorities
 - 28% residents live in poverty
 - 28% qualify as food deserts
- 32% (14,700) of all U.S. brownfield sites
- 83% residents have below average life expectancy

The pandemic and recession are exacerbating social unrest and destabilizing nations across the world.

A Complementary Approach To Economic And Community Development



Traditional Top-Down Approach



Jobenomics Bottom-Up Approach

Economic Development Strategies



Traditional **Top-Down** Approach

Attract One
\$100,000,000/year
Macro Enterprise



Jobenomics **Bottom-Up** Approach

Start One-Thousand
\$100,000/year
**Micro Businesses &
Nonemployer Firms**



Under-resourced communities that cannot attract big companies can mass-produce **startup firms**—the seed corn of local economies.

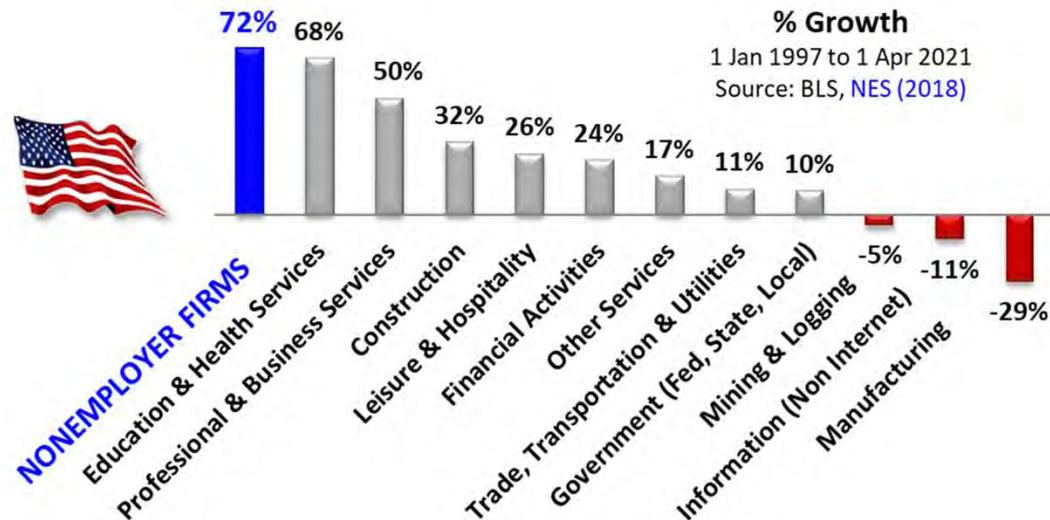
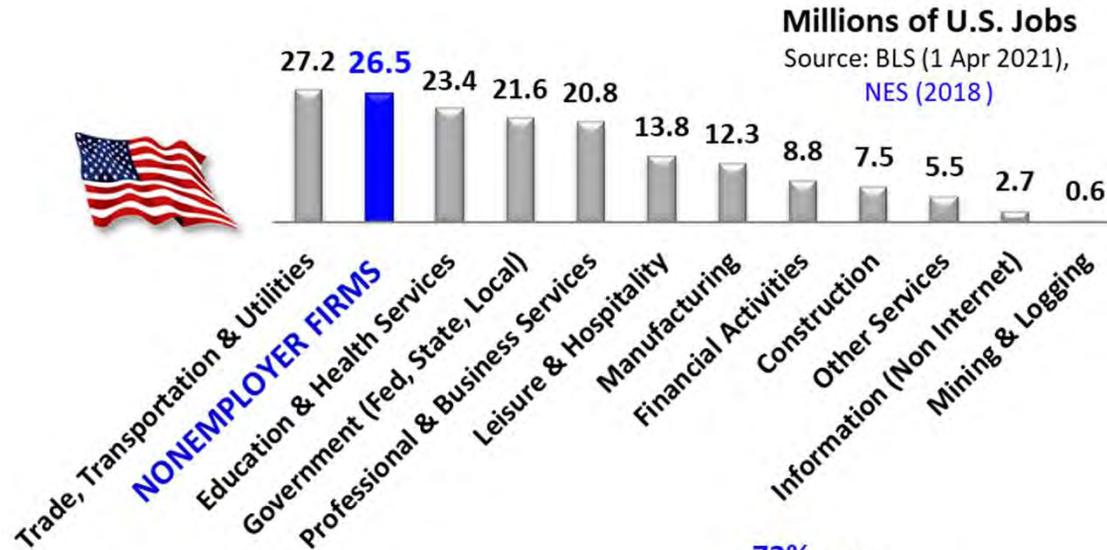
Micro & Nonemployer Businesses



- **Micro-businesses** (1 to 19 employees) employ 32 million Americans.
- A **nonemployer** is a small business with no “paid” employees.
 - 27 million firms or 80% of all U.S. businesses
 - Growing significantly faster than traditional businesses
 - Owners make substantially more than wage or salaried jobs.

Mass-producing micro and nonemployer businesses are the answer to beleaguered urban communities lacking good-paying jobs.

Nonemployer Business Key Stats



Nonemployer business creation is often the missing element from most economic, community, and workforce development plans.

Startup Businesses



WSJ “If the U.S. were creating new firms at the same rate as in the 1980s that would be the equivalent of more than **200,000 companies and 1.8 million jobs a year.**”

Source: Wall Street Journal analysis of U.S. Bureau Labor Statistics data



“**Most city and state government policies that look to big business for job creation are doomed to failure** because they are based on unrealistic employment growth models. It's not just net job creation that startups dominate. On average, **one-year-old firms create nearly 1,000,000 jobs, while ten-year-old firms generate 300,000.** The notion that firms bulk up as they age is, in the aggregate, not supported by data.”

Source: Kauffman Foundation analysis of U.S. Bureau Labor Statistics data

Startup businesses are the seed corn for local economies. Left unattended, local economies will remain fallow or wither.

JO BENOMICS™

Emphasis

Big Business

**Small & Startup
Business
Creation**

Jobenomics Community-Based Business Generator (JCBBG) Concept

A JCBBG **mass-produces** small & startup businesses by:

- Working with community leaders to identify high-potential business owners and employees,
- Executing a due diligence process to identify and assess work ad social skills and aptitudes,
- Training and certifying participants in targeted occupations,
- Incorporating highly-scalable small and self-employed businesses,
- Establishing sources of funding and contracts to provide a consistent source of revenue for new businesses,
- Providing mentoring and back-office support services to extend the life span and profitability of new businesses.

Most cities have Business Incubators and Business Accelerators, but not Business Generators for low-income citizens.

Simplified JCBBG Process

1. Due Diligence & Candidate Selection
2. Incorporate Each Individual (S-Corp)
3. Certified Skills-Based Training



4. Scaleup Existing Businesses (W2 or 1099 Jobs)
5. Startup Micro & Nonemployer Businesses

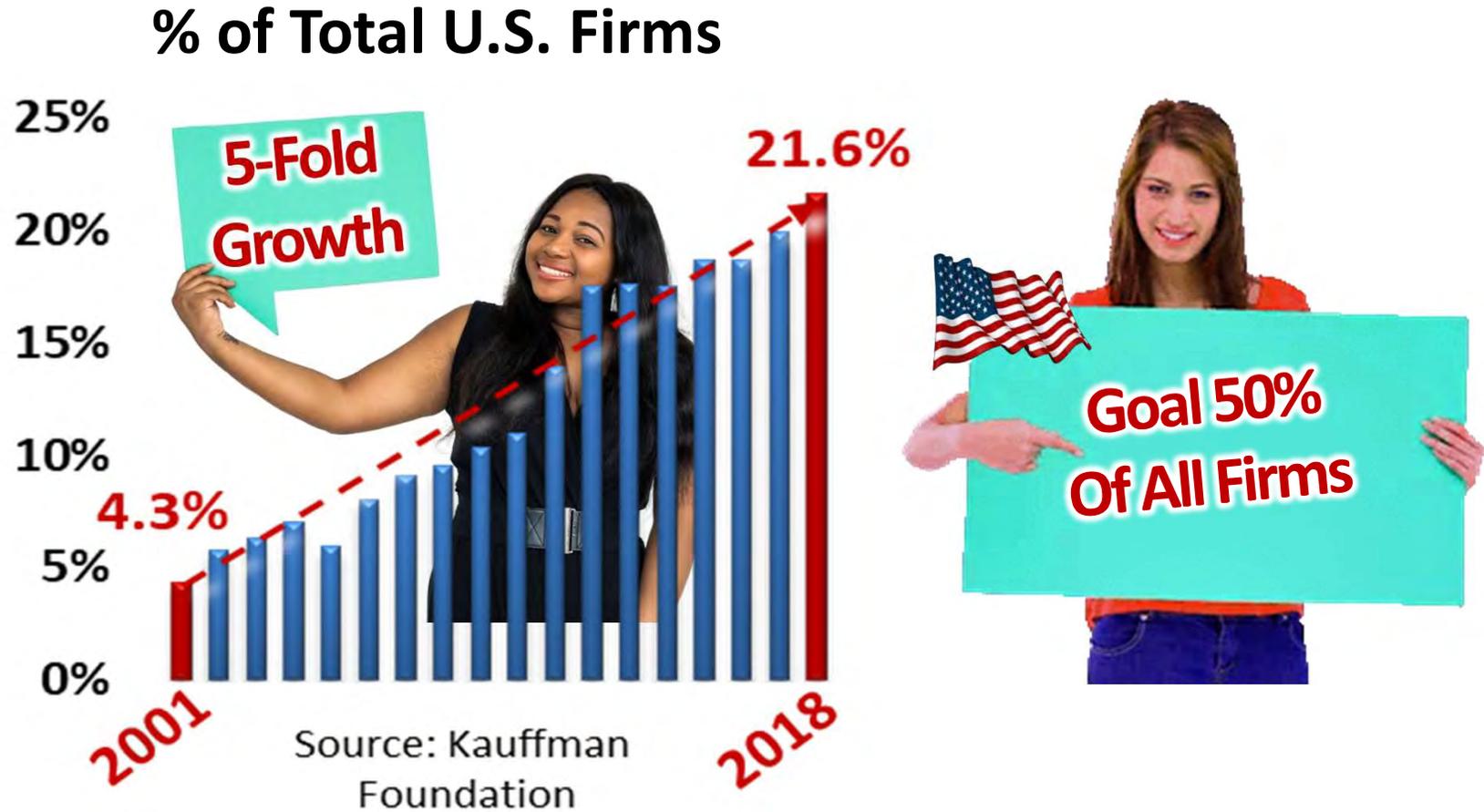
Primary goal is to mass-produce startups anchored in under-resourced neighborhoods for **individuals** who want to be self-sufficient.

Skills-Based Training & Lifelong Learning

- Understanding the difference between **education and training** is fundamental to effective labor force development.
 - Education is foundational and generally measured by tenure. **Educational degree-oriented programs** are measured in years and are usually expensive.
 - Training is specific and measured by what one can do once completed. **Certified skills-based training programs** are often as short as weeks or months and are relatively inexpensive.
- **Lifelong learning** involves continuous development and improvement of the knowledge and skills needed for employment and personal fulfillment.
- In a knowledge-based economy, workers need **lifelong applied learning** that is directly applied (linked) to current and emerging national, business, employment and income opportunities.

Jobenomics places a high premium on certified skills-based training programs and lifelong applied learning processes.

Women-Owned Businesses & Jobs



The percentage of women-founded companies has grown 5-fold since 2001. Jobenomics goal is to keep this trend growing until women own as many firms as men via mass-producing micro and nonemployer businesses.

Minority-Owned Businesses & Jobs



Race/Ethnicity	1996	2017	Change
Whites	77.1%	55.3%	-28%
Minorities	22.9%	44.7%	95%
Black/African American	8.4%	11.8%	40%
Hispanic/Latino	10.0%	23.6%	136%
Asian American	3.4%	6.5%	91%
Other	1.0%	2.9%	190%

Changes In The Share Of New U.S. Entrepreneurs

Source: Kauffman National Report on Early-Stage Entrepreneurship, February 2019

Jobenomics promotes minority entrepreneurship to increase wealth and reduce poverty, crime and welfare dependency in underserved and under-resourced neighborhoods.

Veteran-Owned Businesses & Jobs



An underutilized labor pool of proven workers and talent



Wartime Veterans	WWII	380,327	2%
	Korea	1,156,096	7%
	Vietnam	6,192,877	36%
	Gulf (1990s)	3,834,993	22%
	Gulf (2001-)	3,772,708	22%
Peacetime Veterans	2,081,350	12%	
Total Veterans	17,418,351	100%	
% Total Population	6.9%		

Source: U.S. Census Bureau (ACS 2019)



Jobenomics tailored business and job creation programs to funding sources for veterans.



Quick-Start Programs for Mass-Producing Startup Businesses & Getting People Back To Work

- **Post Pandemic Healthcare**
- **Digital Economy, Digital Academies and E-Clubs**
- **Mixed-Use Communities**
- **Circular Agrarian Economy**
- **Improved & Potable Water**
- **Renewable Energy & Energy Services**
- **Waste-To-Value Systems**
- **Experiential Tourism**

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 global telehealth market is expected to reach \$40 billion, growing at a combined average growth rate of 25%.

Aleph Diagnostics Mobile Level-2 Biosafety Lab



Jobenomics Partner, <https://alephdiagnostics.com>



Level-2 biosafety labs mitigate infectious agents or toxins that pose a threat to critical enterprises (government, schools, businesses, airports). They also facilitate returning people to work and children to school. It also provides **a new source of revenue** for local communities.



High-End RT-PCR Analyzers

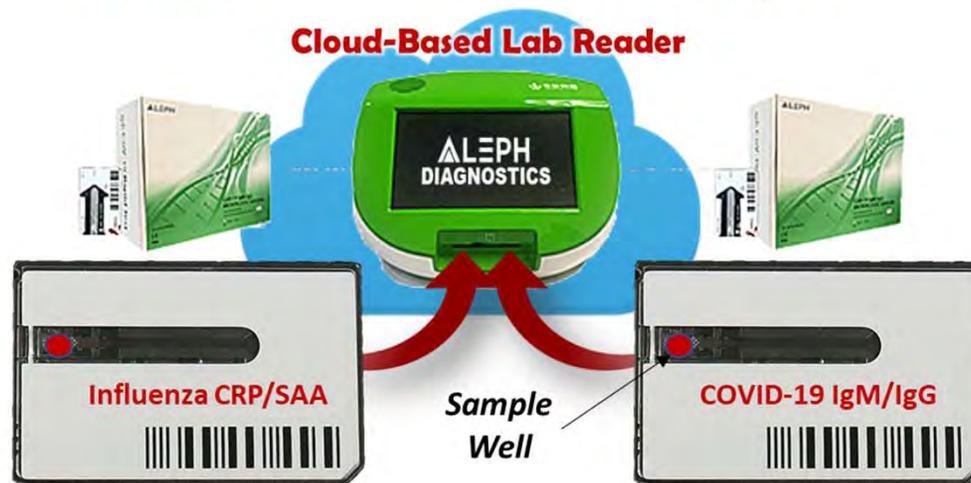
Available in 45 days at a cost of \approx \$500,000.



FDA & CE Approved COVID-19 Test Kits

- Antibody (IgM/IgG) Rapid Test
- Nucleic Acid RT-PCR Rapid Test
- Fluorescence Antigen Rapid Test

Microfluidic Lab-On-A-Chip Coronavirus & Influenza Test Kit & Analyzer



Jobenomics-AG Diagnostix team has the world's leading COVID-19 diagnostics and test kits for new busines and job creation.

Other Aleph Diagnostics Tests (Examples)

HIV/AIDS CE Approval & Passed WHO Laboratory Evaluation

Hepatitis C

HIV 1+2 (3lines & 2lines)

HCV Antibody

Dengue

Malaria

Zika

Chikungunya

Dengue IgG/IgM Dengue NS1 Malaria Pf/Pan Zika IgG/IgM Chikungunya

HIV, Hep B & C, Syphilis Combo

Hep E

Tuberculosis

H. Pylori Ag (stool bacteria)

Syphilis

HIV/HCV/TP/HBsAg HEV IgM TB IgG H.P Ag TP Antibody

Our mobile lab can be equipped (electrical power, communications, internet access) for **remote area** telehealth applications.

CerarMist Program

<https://www.cerarmist.com>

JOBENOMICS™

- CerarMist is a **non-chemical, EPA approved, Facility Hygiene Service** that safeguards facilities, plants and humans against infectious viruses and mold by forming **barriers that lasts up to 90-days.**
- **CerarMist Veteran Program:**
 - Quick launch within 30 days
 - Field and online training
 - Low investment (≈\$10K)
 - Loan financing support
 - Corporate discounts
 - Technical support



Tens of thousands of local microbusinesses are needed.



Quick-Start Programs for Mass-Producing Startup Businesses & Getting People Back To Work

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Digital Economy: Where The Jobs Are



■ E-Commerce

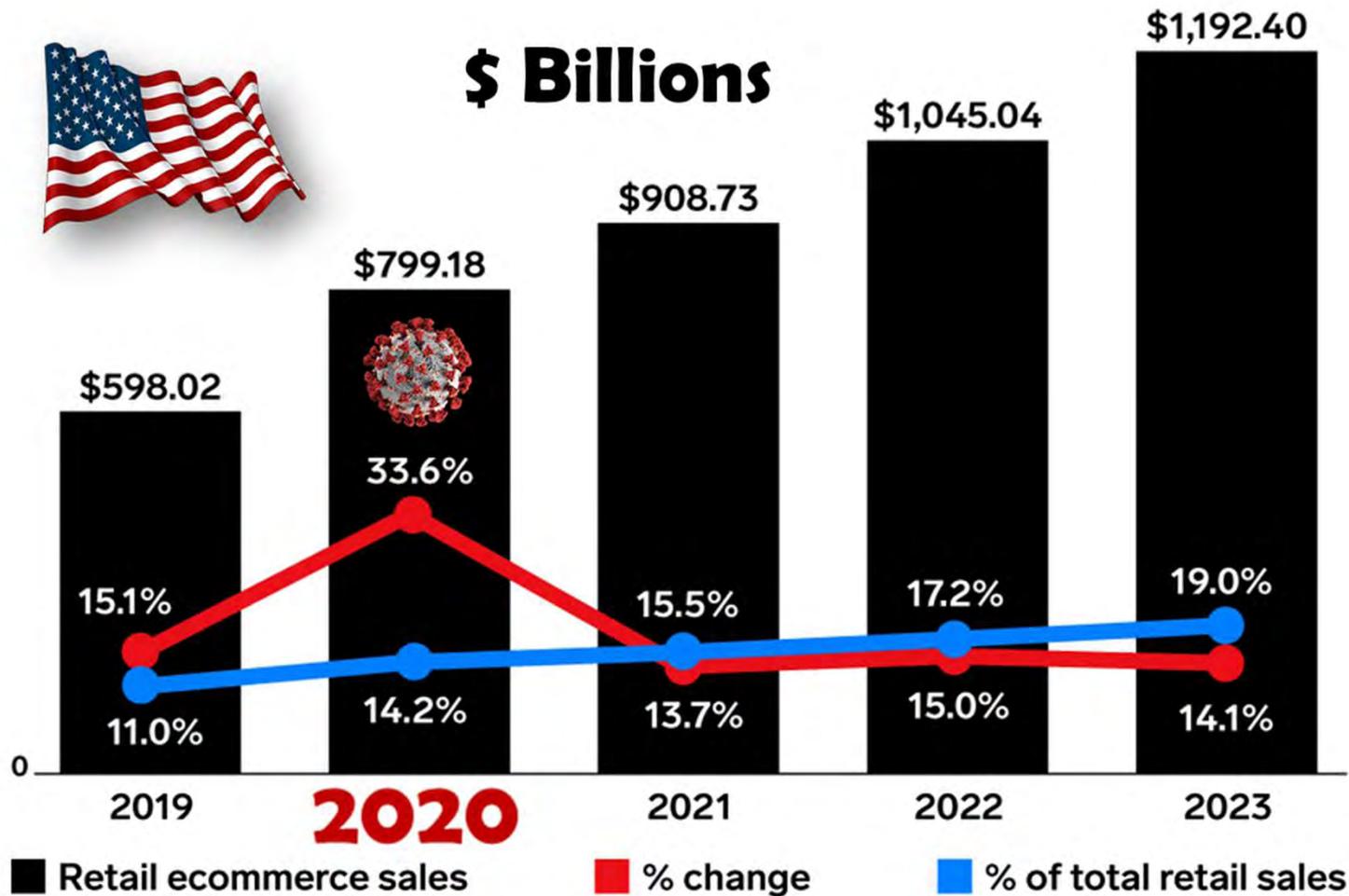
(Internet Commerce, Mobile Commerce, Tele-Medicine, E-Sports, etc.)

- Sharing Economy
- On-Demand Economy
- Apps/Bots Economy
- Creator Economy
 - Gig Economy
 - IoT Economy
- Platform Economy



In 2020, the overall U.S. economy grew less than 2% versus **32% growth in U.S. e-commerce**. Jobenomics can help digital startups connect to platforms like Amazon, Walmart, eBay, and Shopify.

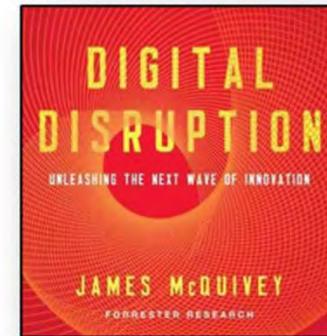
U.S. Retail E-Commerce Economy



The pandemic accelerated the shift to U.S. online consumption in ways that didn't seem possible.

Digital Economy Startup Companies

- “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 startup platforms:



- Jobenomics study on leading Chinese and America digital economy strategies and practices.



Every community needs a digital economy strategy to raise its overall economy and underserved citizens out of poverty.

Digital Academies

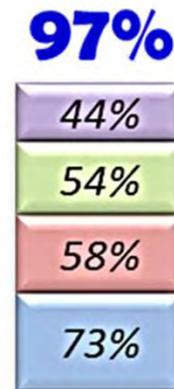


Percent Online

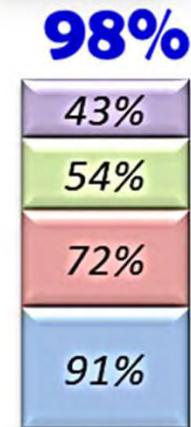
Source: eMarketer, March 2019



Age 6-10



11-13



14-18

Digital academies use a youth's online interest in social media and gaming to develop digital economy workforce and business skills.

Entrepreneur Clubs

- **Club E Atlanta is an entrepreneur empowerment center**
 - Public/private partnership with the City of College Park
 - Training, certification and startup business center
 - Co-working facility (hi-tech, offices, conference center, café)



- **Club E Startups**



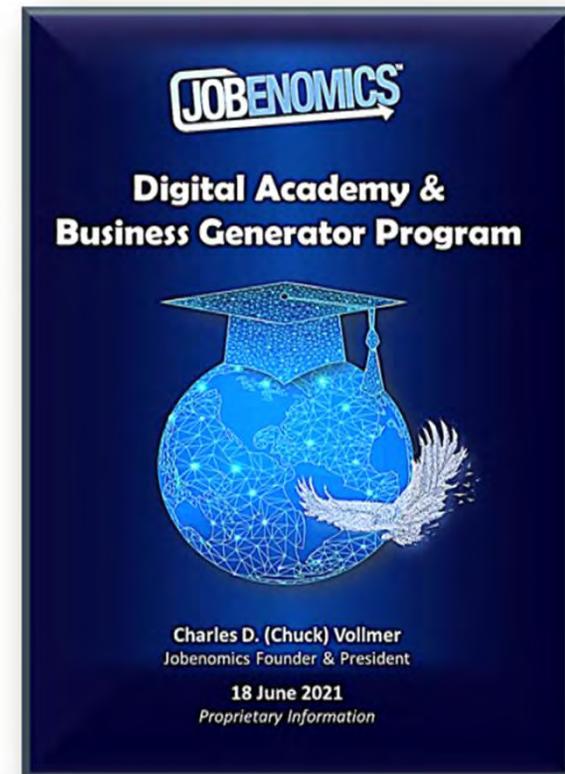
E-Clubs can mass-produce startup firms in underserved communities.

Our Digital Academy & Business Generator Upskills Workers & Mass-Produces Startups



- Digital economy growth is 16x faster than industrial economy.
- Only 33% of all U.S. workers have the required digital job skills.
- 43% of U.S. digital natives (16-34) have no or limited digital job market skills.
- Jobenomics Digital Academy specializes in certified skills-based training, lifelong applied learning and transformation mapping.
- Jobenomics Business Generators mass-produce startup digital nonemployer and micro-businesses.

*90-Page Program Plan
Available On Request*



**The goal of a Jobenomics Digital Academy & Business Generator is to
create approximately 100 startup firms every month.**

Jobenomics-Sprung Structure Digital Academy & Business Generator Facility



\$3.3 million, 19,500 sq ft, community center, operational within 6-8 months with a payback period as short as 2-3 years.

About Sprung Structures (Since 1887)

12,000 structures in 110,000 countries.

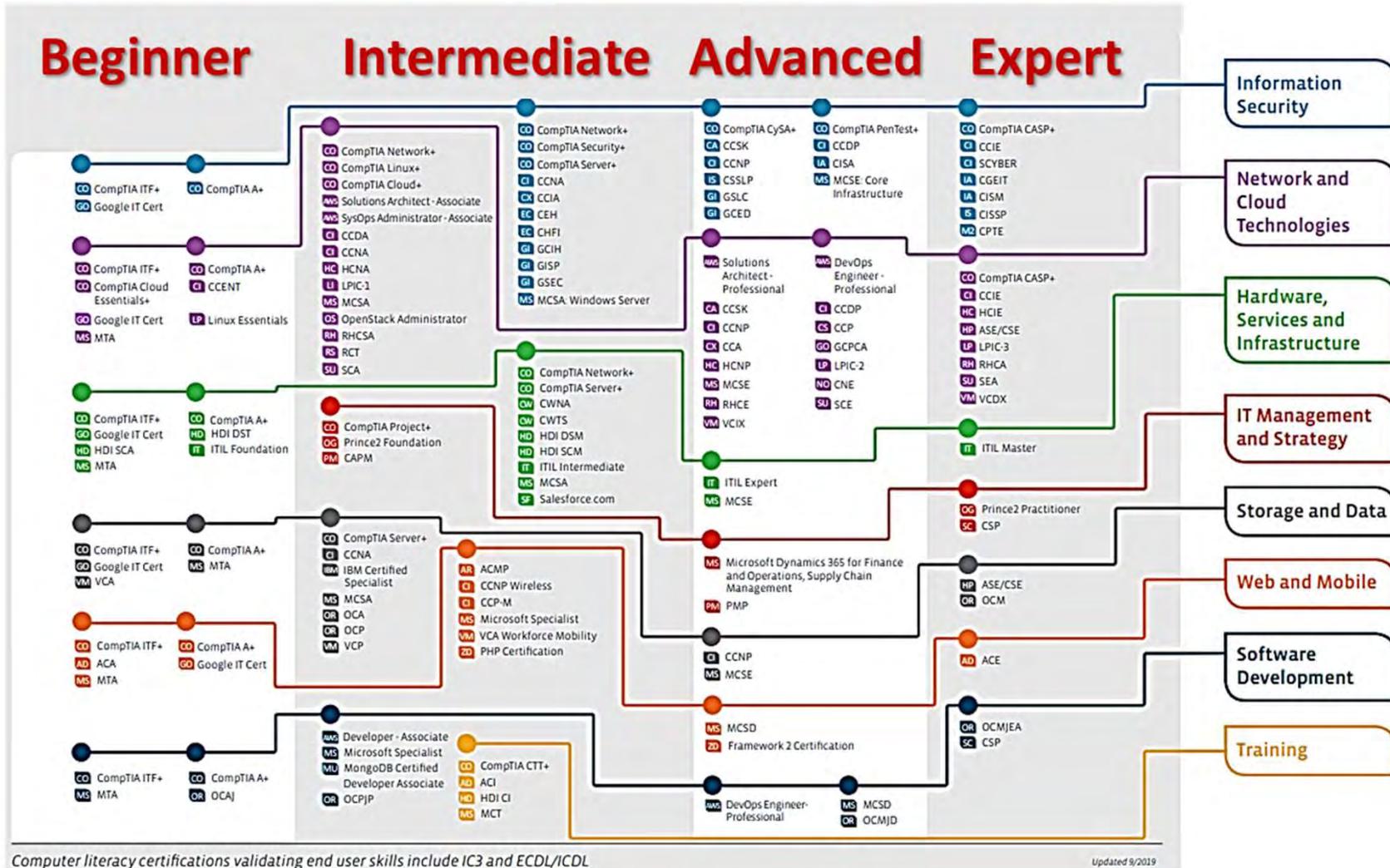


The world's **two richest men** used Sprung for their **flagship efforts**.
Vets Village Sprung structures on I-74 will attract regional attention.

Digital Economy Career Roadmap



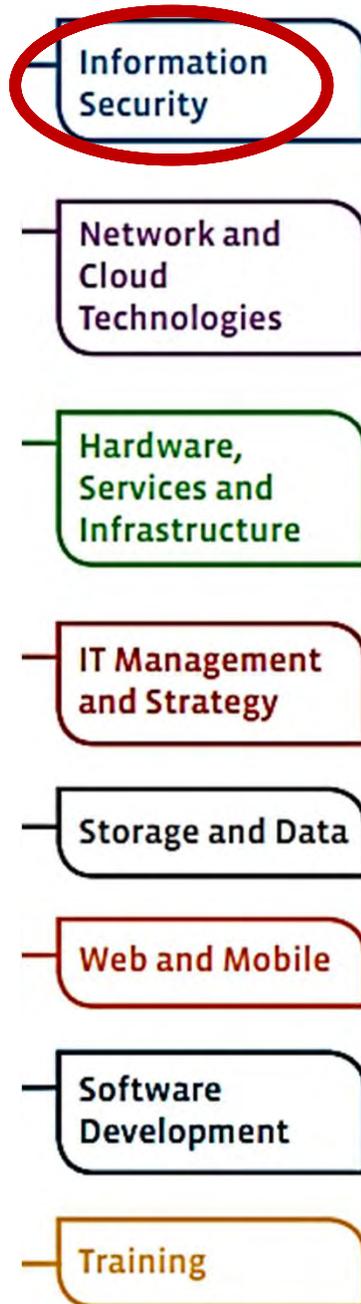
Source: www.comptia.org/content/comptia-career-roadmap



Certified training programs are the gateway into good paying (\$50K) entry-level digital economy jobs without a college degree.

Beginner Certifications

Source: www.comptia.org/content/comptia-career-roadmap



CompTIA A+

Exams cover maintenance of PCs, mobile devices, laptops, operating systems and printers.

CompTIA IT Fundamentals

Exams focus on essential IT skills and knowledge needed to perform tasks commonly performed by entry-level IT professionals.

Microsoft Technology Associate: Security Fundamentals

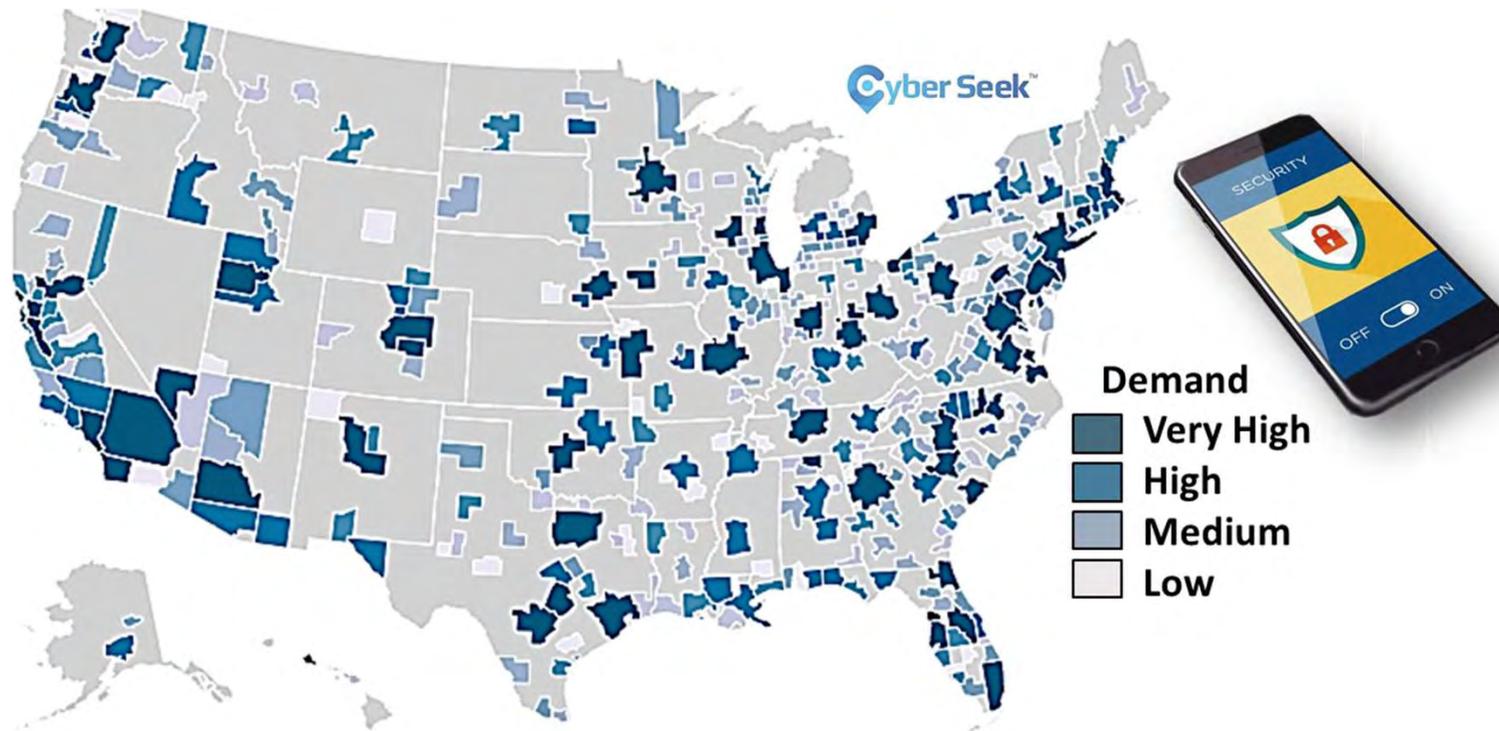
Recommended entry point into IT certification and job preparation.

Google IT Cert

A hands-on training program for troubleshooting, customer service, networking, operating systems, system admin, and security.

Major Cybersecurity Locations

Source: <https://www.cyberseek.org/heatmap.html>



United States Metro Area Map

Total Employed Cybersecurity Workforce = 956,341

93% Private Sector, 7% Public Sector

Total Cybersecurity Open Jobs = 464,420

Around Half Nontechnical Administrative, Operations & Maintenance Positions



Quick-Start Programs for Mass-Producing Startup Businesses & Getting People Back To Work

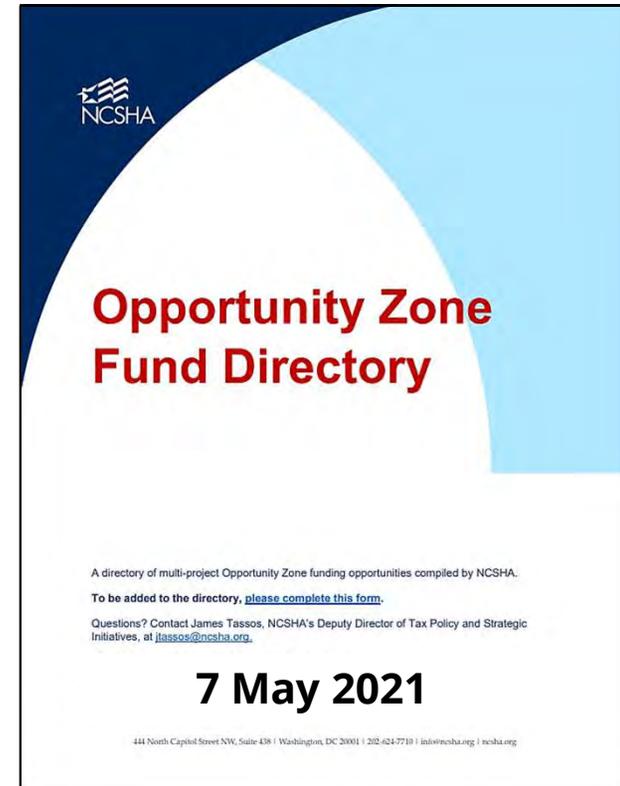
- Post Pandemic Healthcare
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Qualified Opportunity Fund (QOF)



- A Qualified Opportunity Fund (QOF) is an investment vehicle for investing in eligible property located in an Opportunity Zone.
- Investing in an Opportunity Zone can significantly reduce investor and corporate capital gains tax burden.
- As of 7 May 2021, NCSHA lists:
 - 233 total QOFs with **\$48.1 billion** total anticipated investment.
 - 60% target **affordable housing** and **community development**.

National Council of State Housing Agencies (NCSHA)



<https://www.ncsha.org/resource/opportunity-zone-fund-directory/>

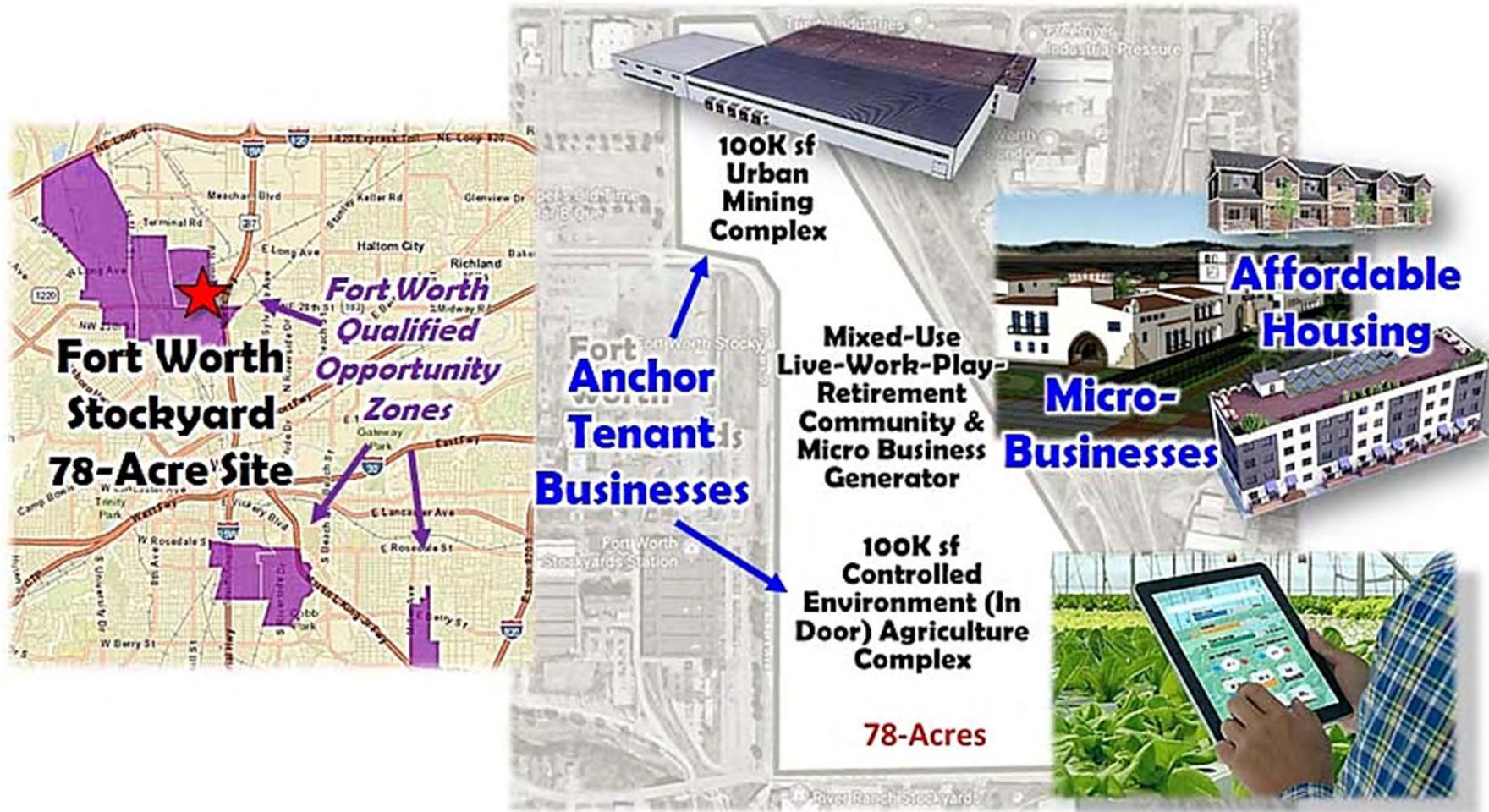
Most QOFs call for **mixed-use** real estate projects. Regrettably, most OZ projects gentrify rather than producing local startup businesses.

Example of a Local **Mixed-Use** Complex



Meets community needs for affordable homes, safety, green eco-friendly facilities, and business/job creation.

Example of an Urban **Mixed-Use** Community



Jobenomics “**virtual shopping mall**” approach combines real estate development, LEED Platinum construction, anchor tenant/micro-business creation, all in a sustainable and affordable **urban** ecosystem.

Examples of a Large **Mixed-Use**, Master-Planned, Rural Agrarian Communities



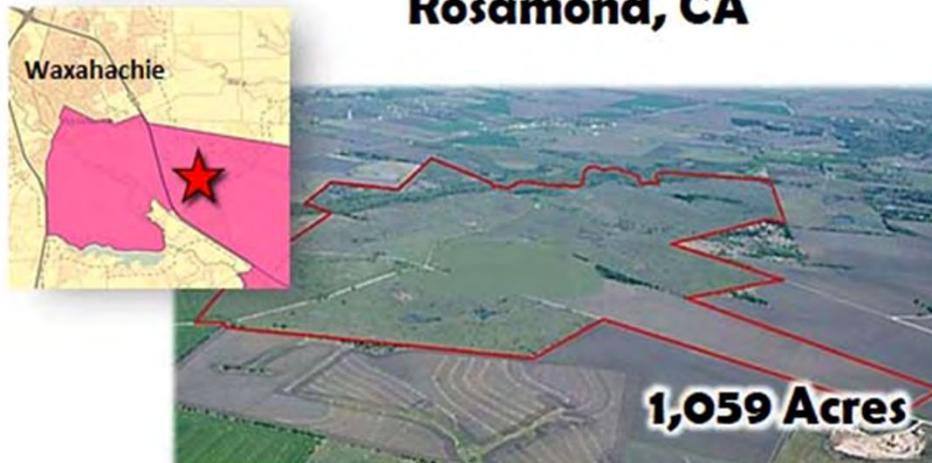
1,200 Acres

Rosamond, CA



949 Acres

Chowan County, NC



1,059 Acres

Waxahachie, TX

Jobenomics is working with community leaders, real estate developers and leading industry officials to build master-planned **rural** communities and business plans that are attractive to QOFs.

Jobenomics Mixed Use North Carolina Mall



Supercenter



Controlled Environment Agriculture (CEA) Center

Digital Academy & Office Center



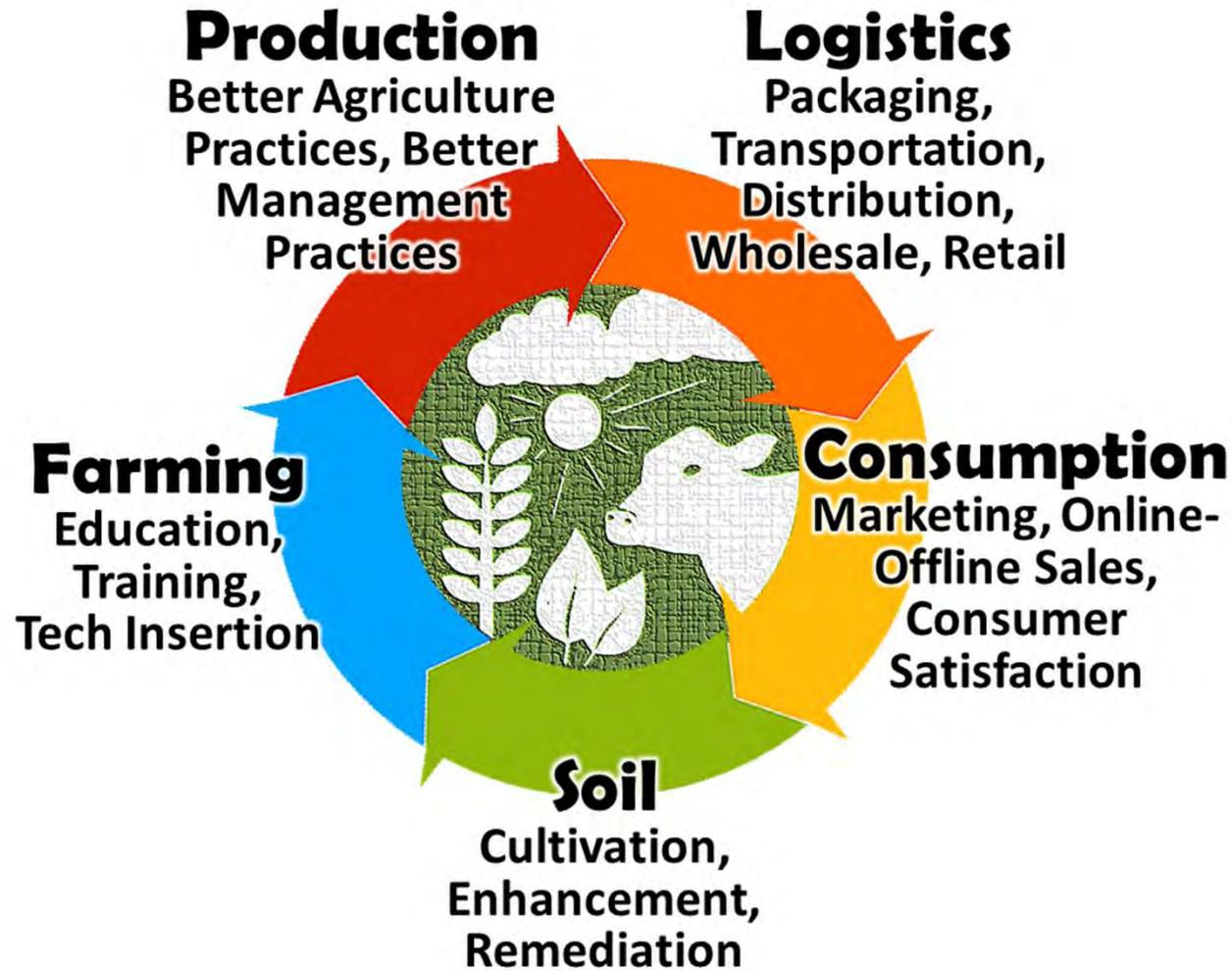
Jobenomics has business plans using these three Sprung Structures that can be operational within a year for around \$7.5 million.



Quick-Start Programs for Mass-Producing Startup Businesses & Getting People Back To Work

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Circular Agrarian Economy



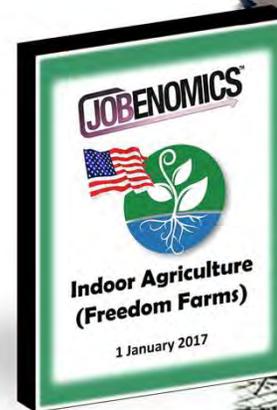
A circular agrarian economy creates a closed-loop system for more efficient and profitable agriculture with emphasis on mass-producing agriculture-related startup businesses and jobs.

Controlled Environment Agriculture (CEA)



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

**Central Large
Growing, Processing
& Distribution
Center**



**Local Small
Growing Centers**



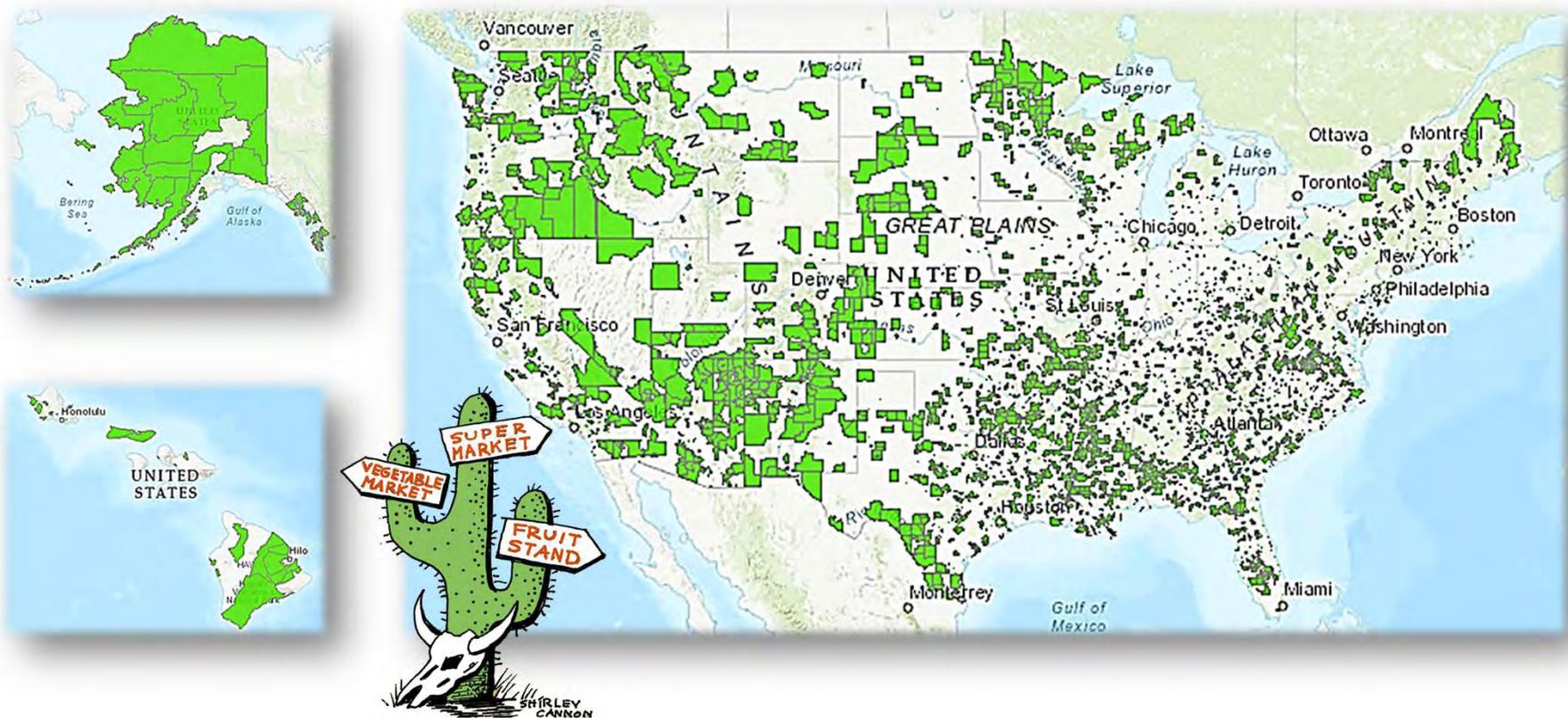
Global CEA market is projected to grow to **\$15.3 billion by 2024**, up from **\$6.5 billion in 2017**, potentially creating thousands of businesses and several million jobs in underserved rural and urban communities.

U.S. Food Deserts



Low-income census tracts where citizens are more than 1 mile (urban) or 10 miles (rural) from the nearest supermarket.

Source: USDA Food Desert Map

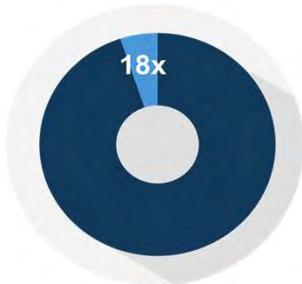


The USA needs fresh organically-grown, farm-to-table food for local consumption and export to regional markets.

Indoor Versus Outdoor Productivity

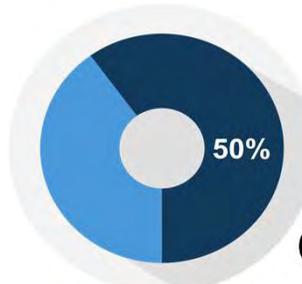


5 Acre Comparison



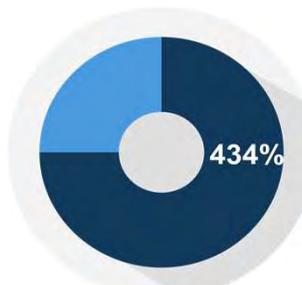
Acre Comparison

Indoor: 5
Outdoor: 93



Revenue Comparison

Indoor: \$3,389,829
Outdoor: \$2,259,886



EBIT Comparison

Indoor: \$874,822
Outdoors: \$201,322

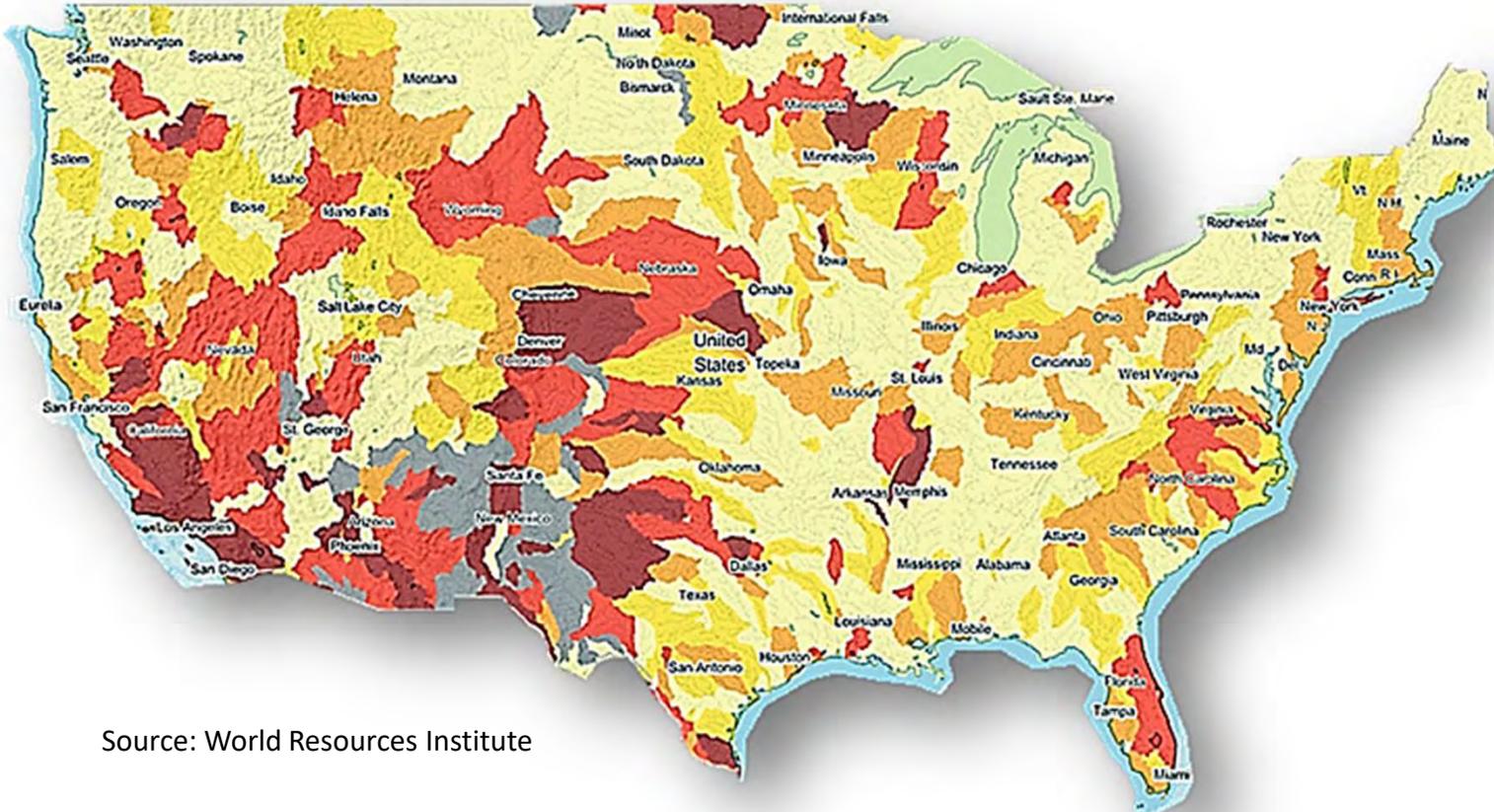
Performance Categories	5 Acre High-Tech Greenhouse Grape Tomatoes
Acreage Under Glass	5
Growing Area (% actually planted)	95%
Growing Area in Square Footage	206,910
Yield per Square Foot	0.71
Total Yield per planting	146,906
Number of Plantings per year	10
Waste factor for transport and processing	94%
Estimated Yield to Market:	1,377,979
Estimated Market Price Per Pound	\$2.46
Estimated Gross Revenue	\$ 3,389,829
Cost of Labor, Seed, Water, Chemicals/Fertilizer	\$ 1,394,573
Cost of Lease and Power	\$ 1,046,980
Total Cost to Grow	\$ 2,441,553
Net income before shipping:	\$ 948,275
Cost of Shipping	\$ 73,453
EBIT	\$ 874,822

Significantly more efficient and cost effective than outdoor farming.

U.S. Water Stress 2020



Agriculture constitutes 80% of the demand for U.S. water.



Source: World Resources Institute

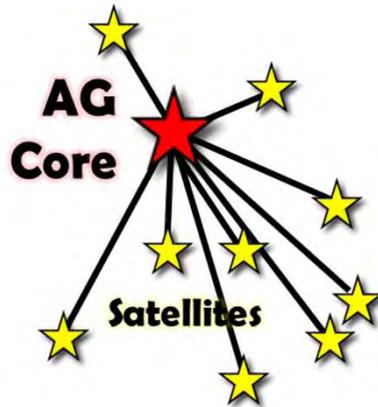


% of available water supply withdrawn yearly for irrigated agriculture, industries and municipalities.

CEA farms can yield as much as **350-times** more crops as conventional farms with **1% of the water.** *Source: Bloomberg News*

AG Core & Local CEA-Farms

- **AG Core** is the central operation that manages, trains, and implements satellite centers. AG Core processes and ships locally-grown food to local, regional and international outlets.



Large Grow Center (AG Core) With Controlled Environment & Vertical Farming



- **Satellite** CEA-farms will first satisfy local needs and then ship remaining produce to AG Core.

Jobenomics Strategic Partner, ACTS Freedom Farms of America, www.ACTSFFA.com



GAP, GHP, FSMA Compliant Greenhouses

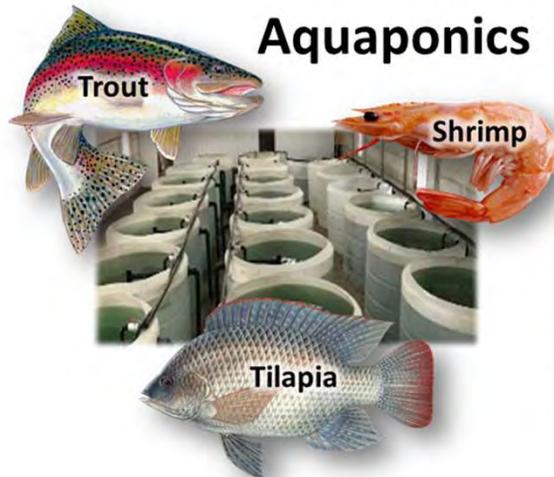
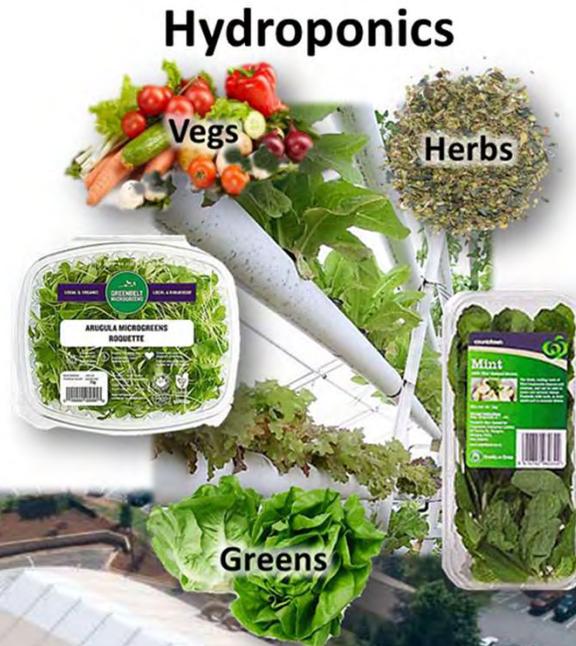
Jobenomics Goal: Establish agrarian communities with large grow centers and numerous smaller agrarian satellite businesses.

Micro Farm & Farmers Market



Grocery stores and customers want fresh organic vegetables and produce.

Jobenomics 35,000 SF CEA Center



Jobenomics has a strategic relationship with Sprung Structures (shown) the leading manufacturer of insurable CEA facilities.

High \$Value CEA Products

Common Crops

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



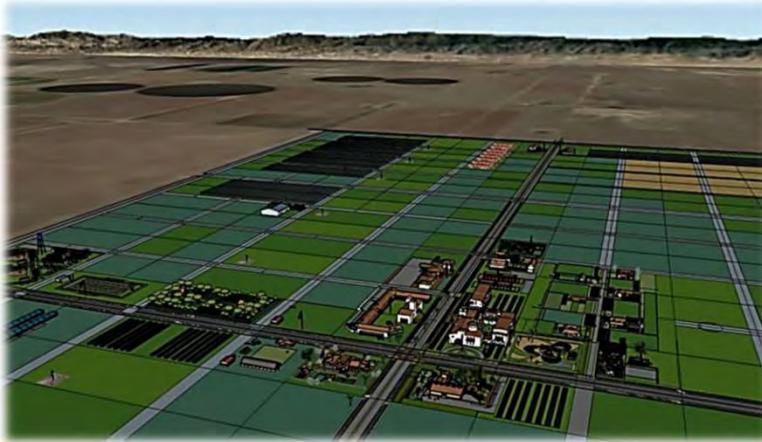
Specialty Crops

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

Herbs are highest value produce. Hemp is the fastest growing.

Example of a Large Agrarian Community

Rosamond, California, 1200-Acre Veterans Freedom Farm



Coonan & Bonds Architects http://www.coonانبonds.com/mies_portfolio/acts-freedom-farm/



2.6 million sq. ft. of indoor controlled environment agriculture, greenhouse village, hotel, farmers market, production and distribution facilities, commercial/community/education/worship centers, and hundreds of affordable single and multifamily homes.

Jobenomics Ghana Energy Cane Proposal



Jobenomics Partner, Agrobrasilgia, <https://agrobrasilgia.com/>



Nana Yalley CEO & Jobenomics Advisory Board

- Brazil is the world's largest producer of ethanol from energy cane.
- A Ghana pilot program would mobilize thousands of small farms to participate in this high-value crop program.
- Agrobrasilgia would help with biomass energy processing facility implementation, training, and establishing regional and international distribution and supply chains.

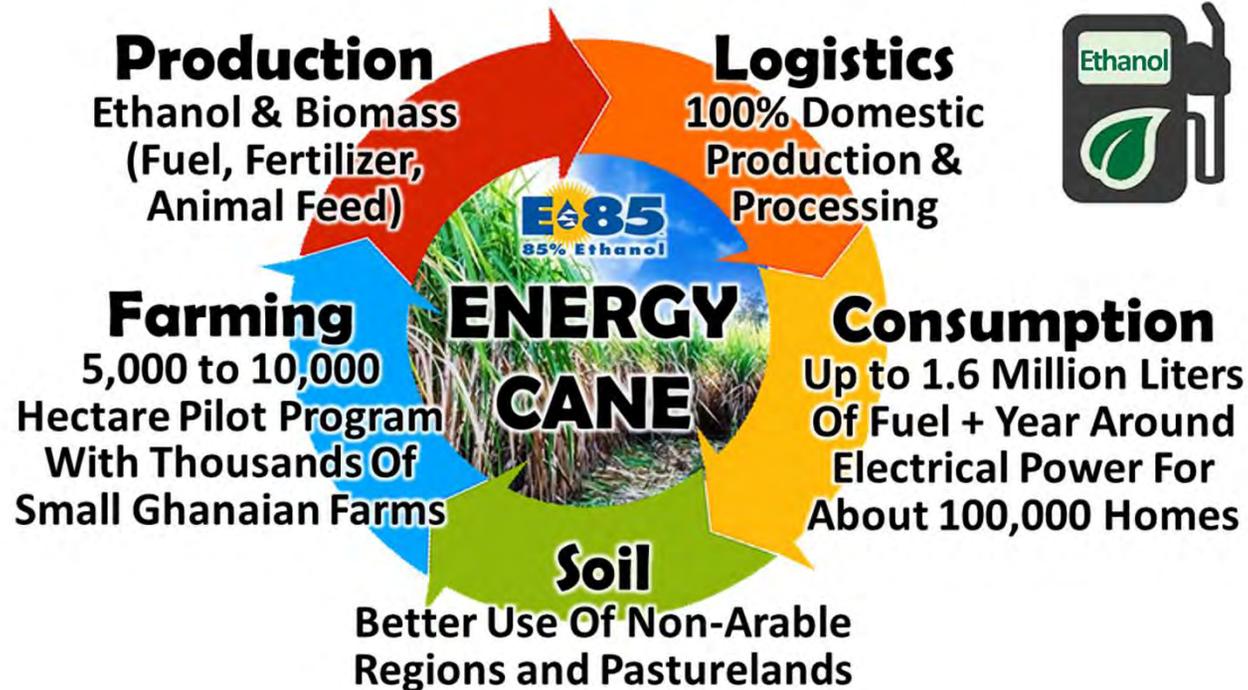


Agrobrasilgia proposes a 10,000-hectare energy cane pilot program in Ghana to locally produce **biofuel** and **electricity**.

Proven Energy Cane-To-Ethanol Program



<https://www.youtube.com/watch?v=RUR1E2m6p8g&list=PLPtFFpLkv9-jhm1IDXkKScZ7ptoOpqv&index=16&t=0s>



Energy cane is a hybrid non-edible cane for biofuels.

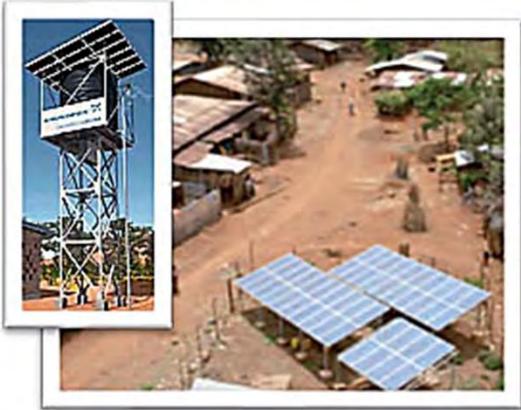
Remote Area Power, Telecom & Internet Systems



Tower Up Consulting, Jobenomics Partner



Rural cellular and Wi-Fi networks



PV solar electrified village center with water tower



2,500 to 40,000 gallon/day water pumping & purification systems



Solar & wind powered lighting



Security and surveillance systems



Brick-making Machine

Many rural areas do not have sufficient access to internet, communications and grid-based electrical power.



Quick-Start Programs for Mass-Producing Startup Businesses & Getting People Back To Work

- Post Pandemic Healthcare
- Digital Economy, Digital Academies and E-Clubs
- Mixed-Use Communities
- Circular Agrarian Economy
- Improved & Potable Water
- Renewable Energy & Energy Services
- Waste-To-Value Systems
- Experiential Tourism

Dissolved Oxygen Content

Dissolved oxygen is a measure of the amount of oxygen in water available to living organisms.

Dissolved oxygen content is decreasing precipitously due to population growth, pollution, poor water management, and climate change.



“The average water depletion ranges from 3% up to 50% in the declared dead zones like the Gulf of Mexico.” *Scientific American Feb 2019*

Oxygen-depletion causes metabolic disorders and death.

Florida Bottling Plant

Jobenomics Partner, HyOx Superwater Inc., www.superwaterhyox.com



SuperWater HyOx increases the dissolved oxygen content in water by 300%, which is essential for healthy human blood and organs.

SuperWater HyOx Medical Effects



Capillary microscopy of a fingernail bed before and 15-minutes after consuming a 500ml bottle of SuperWater HyOx.

TerreHyOx Organics Applications

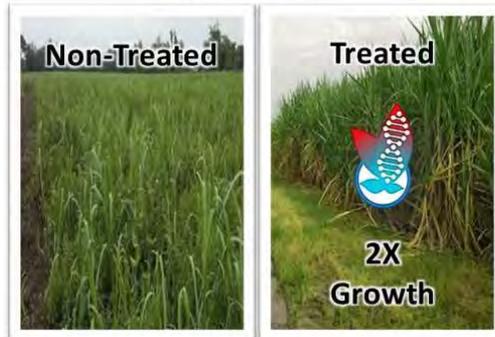
Soil Improvement



Cherry Tomatoes



Sugar Cane



Limes



Coffee



Avocado



Now **doubling growth** of traditional agriculture in South America. 64

HyOx Environmental Remediation Applications



HyOx Floating
Oxygenator GPS
Solar Powered
Drone



Waterways, Lakes and Ponds



Toxic Waste Cleanup



SuperWater HyOx is mitigating many forms of pollution.



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Energy Technology Revolution

The ETR Is A Perfect Storm of Energy Technologies, Processes and Systems :

Renewable Energy Sources (Biomass/Biofuels/Wood, Hydroelectric & Hydrokinetic, Wind, Solar, Geothermal, Municipal Waste), Alternative Fuels, Advanced Batteries, Advanced Vehicles (Electric Vehicles, Fuel Cells, Hydrogen Vehicles), Nuclear (Small Modular Reactors, Fusion Reactors), Coal, Conventional and Unconventional Oil & Gas (Petroleum & Other Fluids, Natural Gas, LNG & GTL, Methane Hydrates), Exotics and Yet Unknown Technologies as well as new energy services including Energy Efficiency, Energy Conservation, Energy-as-a-Service (EaaS), Energy Assurance and Security and Energy Disaster Preparedness and Recovery Services.



The ETR Will Revolutionize Labor Forces, Economies And Nations Via The:

Renewable energy sources, micro-grids, net-zero communities, advanced vehicles, alternative fuels, energy storage devices and smart networks will allow energy generation to occur closer to the consumer. Generating power close to the point-of-consumption eliminates cost, complexity, interdependencies and inefficiencies associated with transmission and distribution over 3-5 million miles of power lines in North America.

Climate change and environmental protection will continue to grow the energy economy.

Jobenomics Green Jobs Focus



- Jobenomics-EmeraldPlanet partnership involves bringing the world's 1,000 best green job practices to local communities.

Dr. Samuel Lee Hancock

President & Executive Director, EmeraldPlanet International Foundation

Creator & Host, The EmeraldPlanet TV

www.Emerald-Planet.org



Chuck Vollmer

Founder & President Jobenomics National Grassroots Movement

EmeraldPlanet Board Member & Partner

www.Jobenomics.com

- Partnership focuses on innovative, sustainable, and resilient “green” environmental, economic and community development topics, issues, practices and projects around the globe.
- EmeraldPlanet is also partnered with the U.N. Economic and Social Council and The World Bank Connect4Climate Program.

Jobenomics Green Jobs objectives include sustainable economic, environmental and social development.

Renewable Energy Businesses & Green Jobs



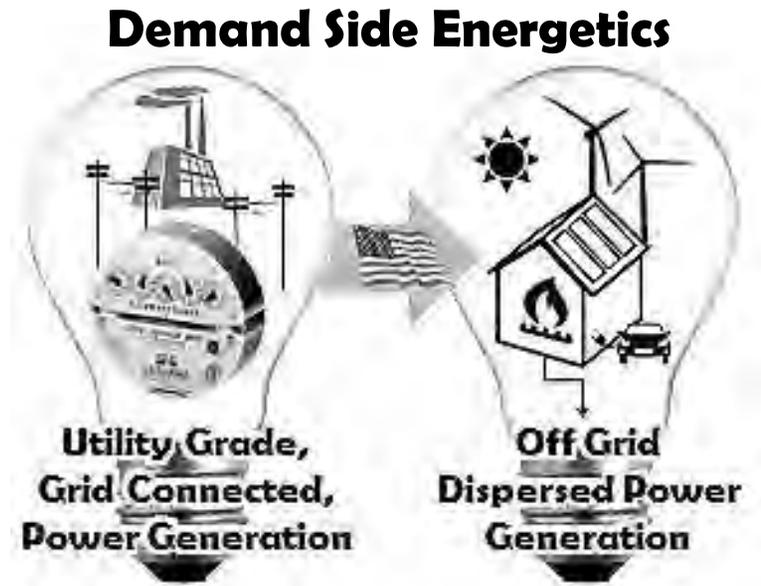
Net Zero Buildings & Communities Installation & Maintenance Businesses

Energy Audit, Weatherization & Renovation Businesses

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

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



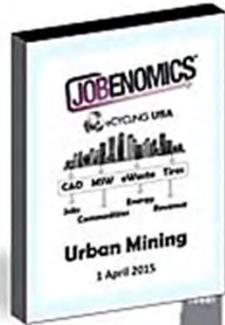
Jobenomics’ Joe Sarubbi with President Obama and Mrs. Biden



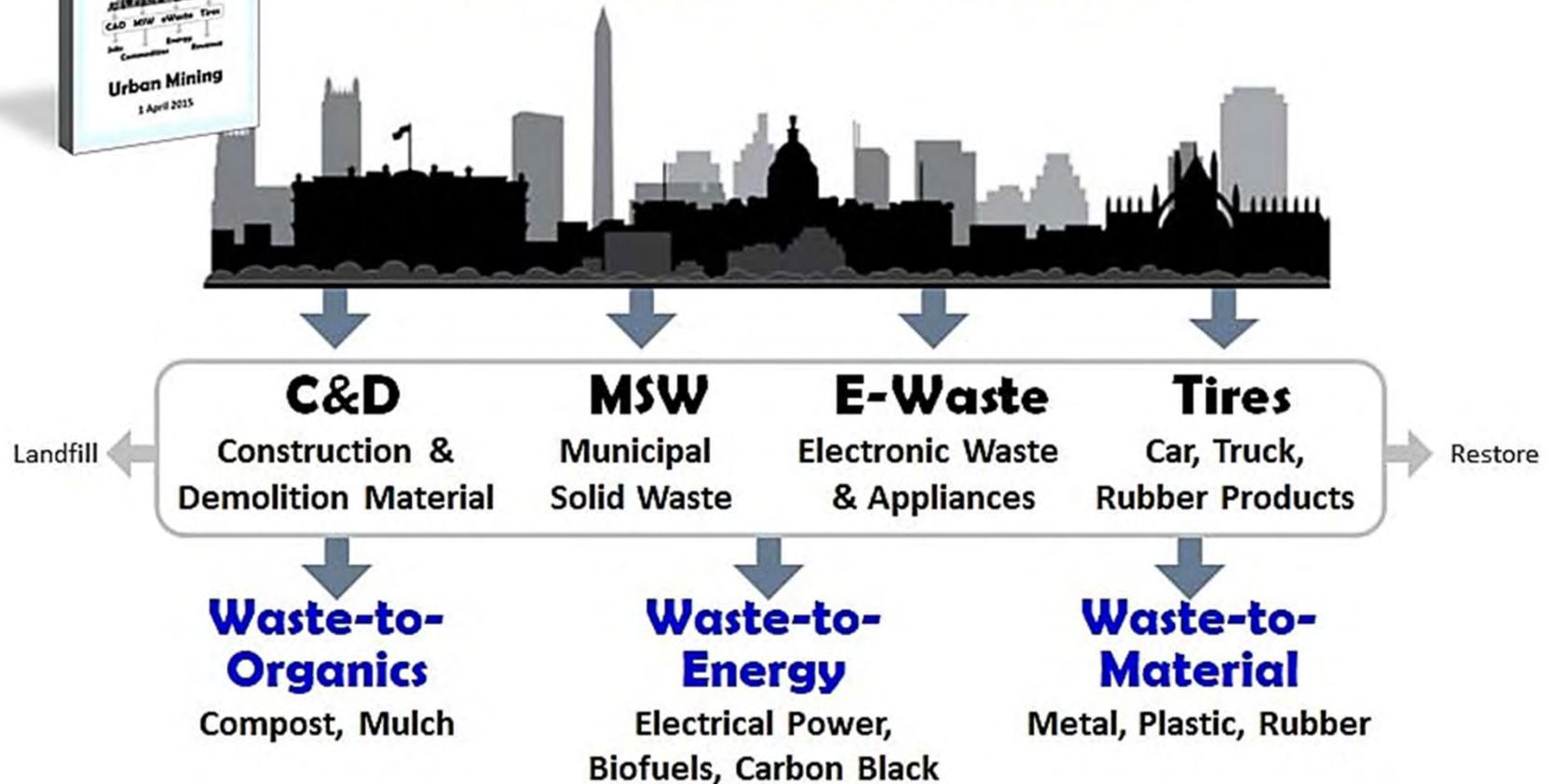
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Jobenomics Urban Mining

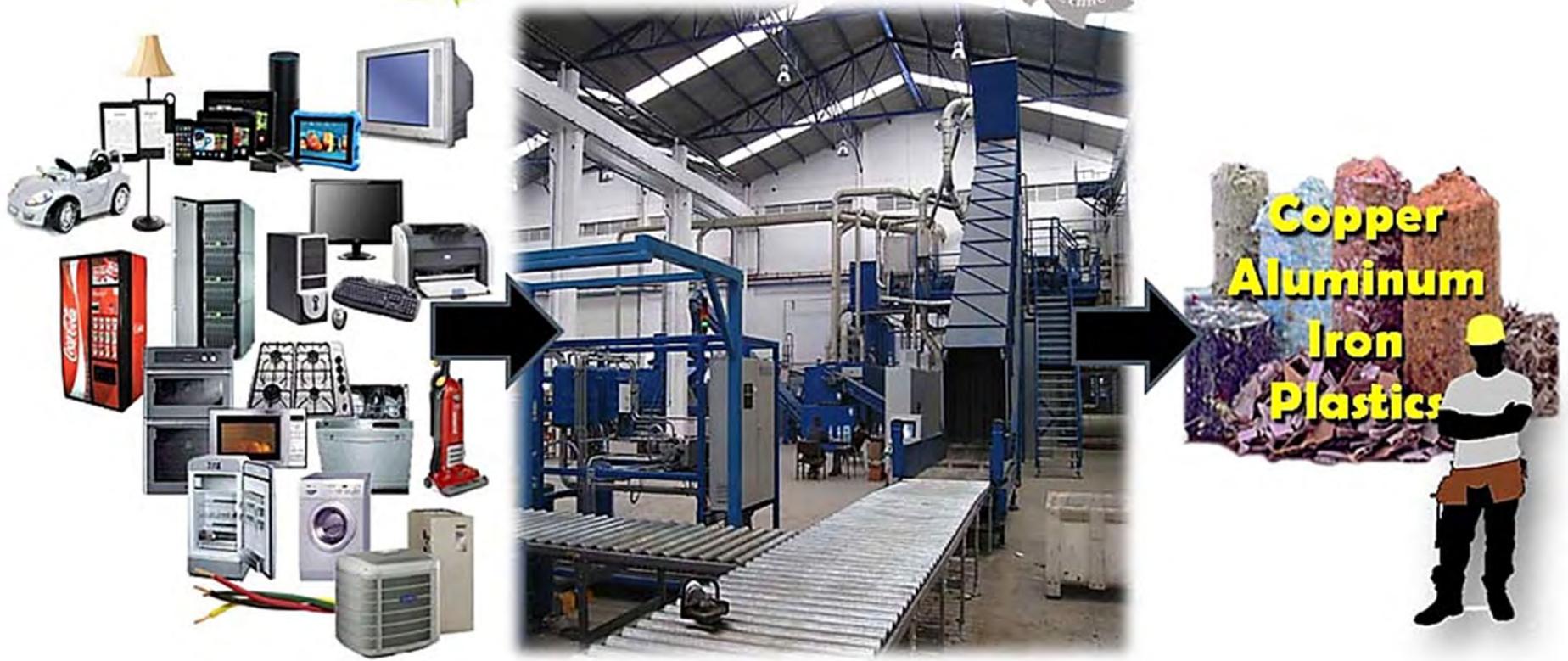


Reclamation of valuable raw materials and metals from urban waste streams.



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

eWaste Materials Reclamation Facility



100 Operational Sites Worldwide

Jobenomics Partner, www.urt-recycling.com

End-of-life appliances and electronics is America's fastest growing waste stream. Our system can be operational within 12-months.

Modern Plastics-to-Fuel Complex



EVP R-One Facility

Jobenomics Partner, www.evptechnology.com

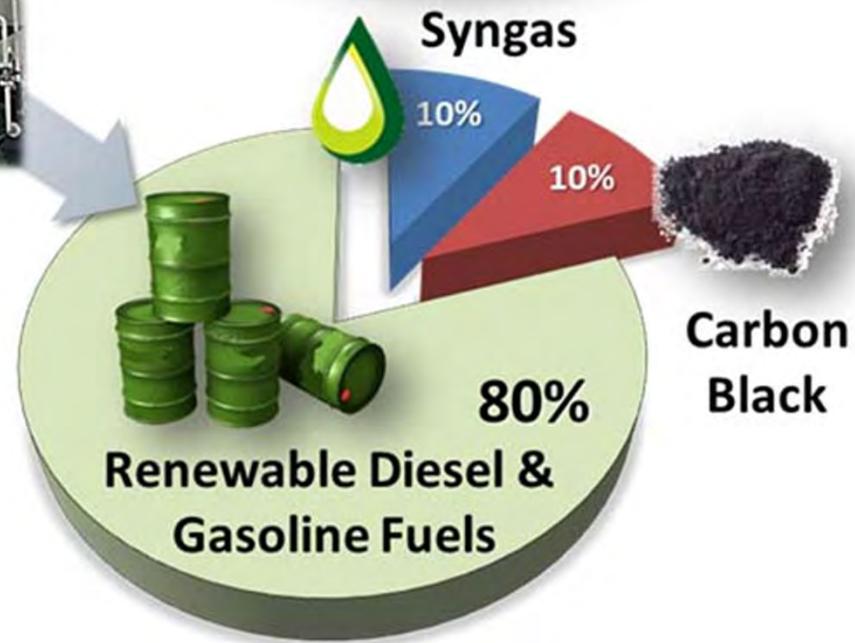


Growing American Plastics Waste Problem



Imported Plastics Waste

China no longer accepting baled plastic waste



Jobenomics goal: eliminate waste, produce renewable products.

Coal-to-Biofuels & Fertilizer



HUMAXX Biorefinery



MicGAS™



HUMAXX is produced from humic-rich **subbituminous** coal for soil conditioning, plant growth, biogas/fuel, waste remediation, and ecofriendly industrial disinfectant and cleaner (e.g., poultry houses).



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Push Marketing & Experiential Tourism

Pull Advertising → Push Marketing

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



Traditional tourism relies on *pull advertising*.
Online *push marketing* advertises personal “**bucket list**” experiences.

Experiential Tourism

Millennials (largest generation) prefer junkets over sightseeing.



Adventure travel involves includes a “physical activity, a cultural exchange, or activities in nature.” *Adventure Travel Association*



Eco-Tourism entails “responsible travel to natural areas that conserves the environment and sustains the wellbeing of local people.” *The International Eco-Tourism Society*



Cultural Tourism entails a traveler's engagement with a region's culture, including the history, lifestyles and art of the indigenous and aboriginal people.



Cabins



Tents



Domes



Experiential tourism involves authentic, immersive, adventurous or active travel experiences, underpinned by the “**Instagram Effect**” that connects friends and family to the traveler.

Contact Information

**Charles D. Vollmer, “Chuck”
Jobenomics Founder & President**

**703-319-2090 Office
cvollmer@Jobenomics.com**

www.Jobenomics.com