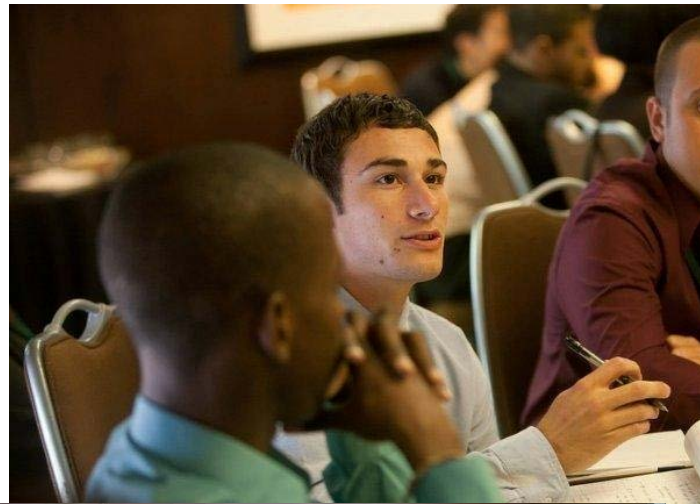




2018 NWF Eco Career Conference

Chris Castro, CPB, LEED GA
Director of Sustainability, City of Orlando
Board of Directors, USGBC-Florida
Founder and President, IDEAS For Us
Co-creator and Farmer, Fleet Farming





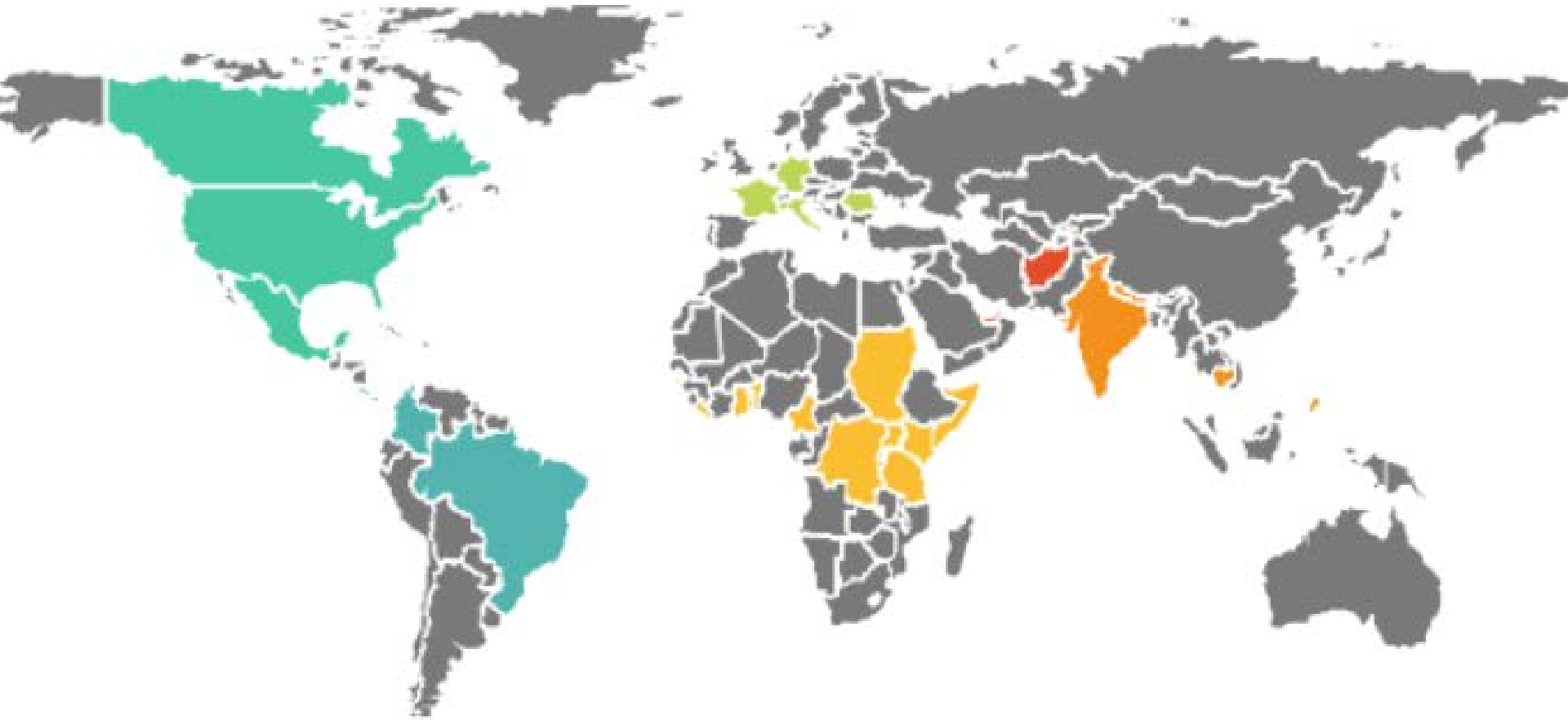
EMERGING
LEADERS
INITIATIVE

2006: Organized UCF students and encouraged President John Hitt to sign the Presidents Climate Commitment, a goal to make **UCF carbon neutral by 2050**.





Our Community



+25 Countries

+200 Communities

+100 Partners



Develop ideas

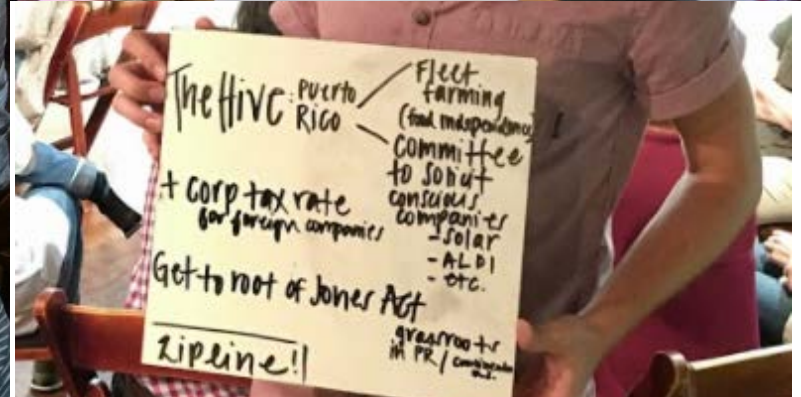


Fund local action



Scale solutions







Somalian
IDP Latrines Construction

Ugandan
School Farm

Togo
Tree Planting

Health | Hunger | Education | Energy
Social Equity | Environment

Ugandan
Sickle Cell Awareness

Ugandan
Women's Piggery

Democratic Republic of Congo
Solar Energy



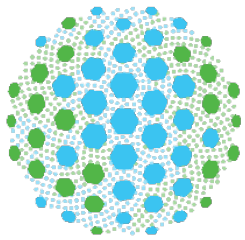




Growing food in Riverside!

FLEETFARMING.ORG





IDEAS
IDEASFORUS.ORG

CITIZENENERGY



VALENCIA COLLEGE



All over the world,
cities are transforming



“Our vision is to become the most environmentally friendly, socially inclusive, technology-enabled, and economically vibrant city in the Southeast...we strive to be one of the most sustainable and resilient cities in the U.S.”



– Mayor Buddy Dyer, City of Orlando



GREEN WORKS ORLANDO



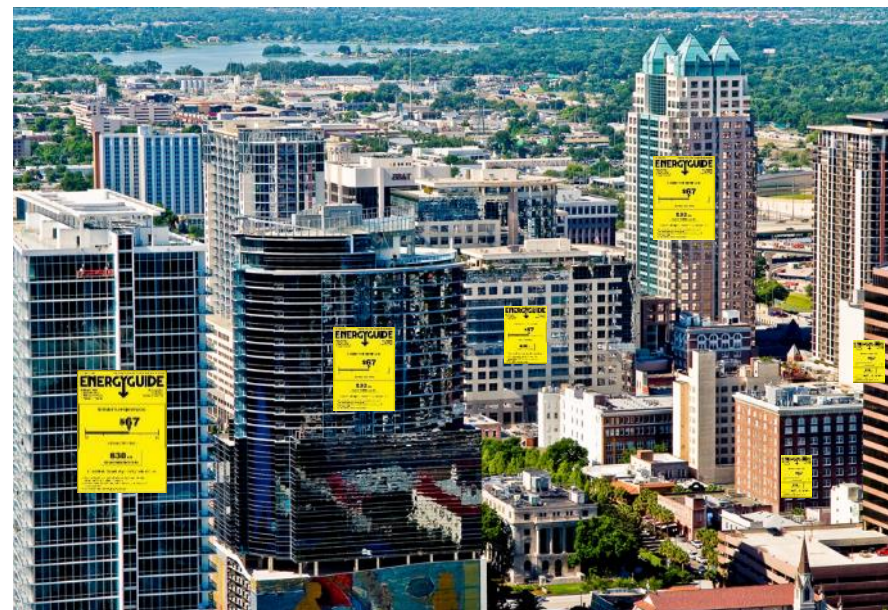
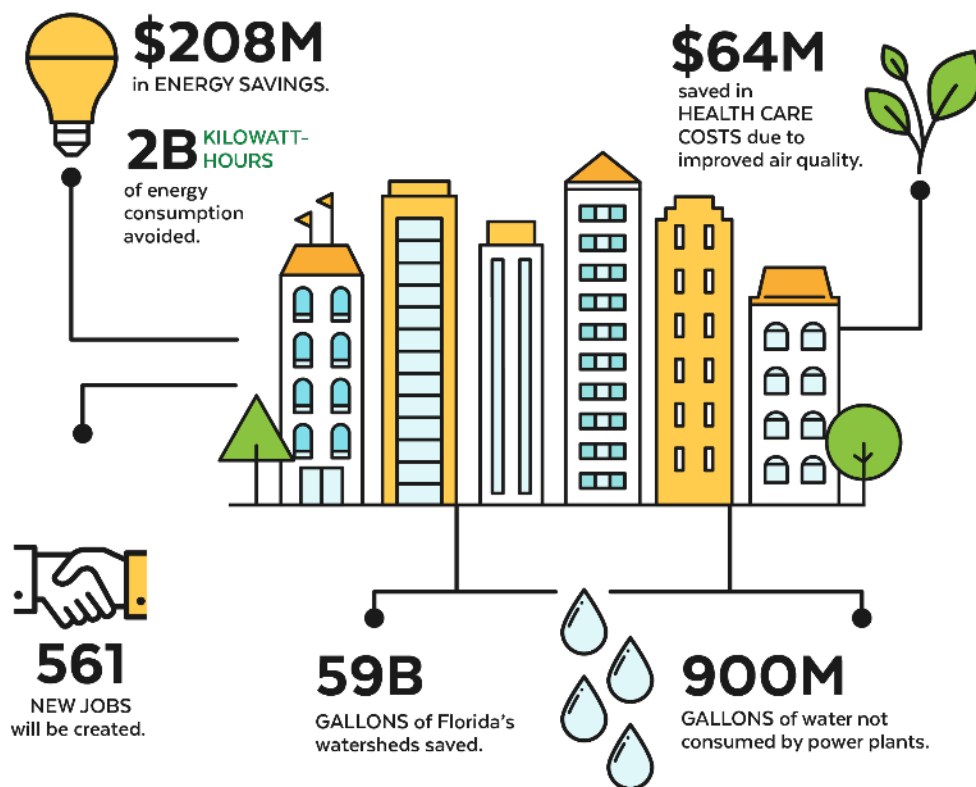




Building Benchmarking, Energy Audits, & Transparency Policy



IMPACT OF THE CITY ENERGY PROJECT BY 2030



Providing information to the market will help consumers make informed decisions about where to live and work (eg. Energy Benchmarking & Transparency)



HOW CAN ORLANDO'S PACE PROGRAM

HELP IMPROVE

YOUR HOME

AND BUSINESS?





SOLAR UNITED NEIGHBORS



Join Solar
United
Neighbors



Get expert
advice



Celebrate
saving with
solar

Established January 2016

6.7 MW installed

20+ Co-ops statewide

Avg. Price: \$2.00/watt

Doubled rooftop solar
in Orlando in 1.5 years





Community Solar + Solar Aggregation Program



- **Community Solar** offsets consumption through virtual net metering



- **Solar Aggregation** makes it easier for homeowners to put Solar Photovoltaic (PV) panels on their roofs.
 - OUC purchases the panels in bulk to achieve economies of scale, which makes solar more affordable for our customers







Lymmo Electric Bus Pilot





Downtown Recycling

- Expanding recycling and food waste collection in Downtown core.
- Established 10+ recycling bins at Lake Eola
- Establishing 20+ bins, including Big Belly Solar Trash Compactors in Spring 2017
- Exploring mandatory recycling policy for all buildings





Downtown Recycling



NYC - Alliance for Downtown New York - Dashboard

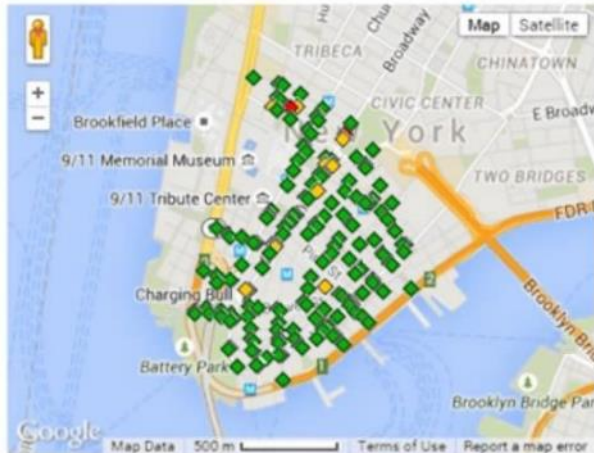
Fullness Summary

Waste Stream	Fullness Level			Estimated Waste (last 6 months) Tons
	Green	Yellow	Red	
Paper	16	0	0	5.23
Bottles/Cans	154	4	0	29.39
Trash	162	9	3	170.25
All Waste Streams	332	13	3	204.87

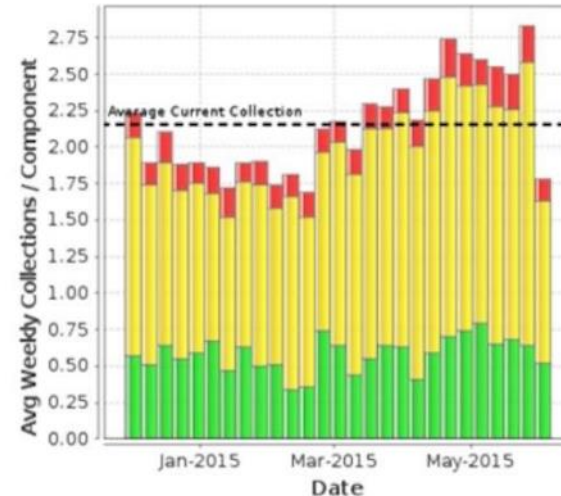
Collection Efficiency (last 6 months)



Current Status



Weekly Collections (last 6 months)





Residential Backyard Composters

- Cost-avoidance for City operations
- Residents can sign up for FREE Earth Machine composters
 - Free home delivery
 - Assembled
- **4,900+ composters delivered** since February 2015
- Cityoforlando.net/composter





Commercial Food Waste Collection Program





**GREEN WORKS
ORLANDO**

