



May 2022 RREAC Update

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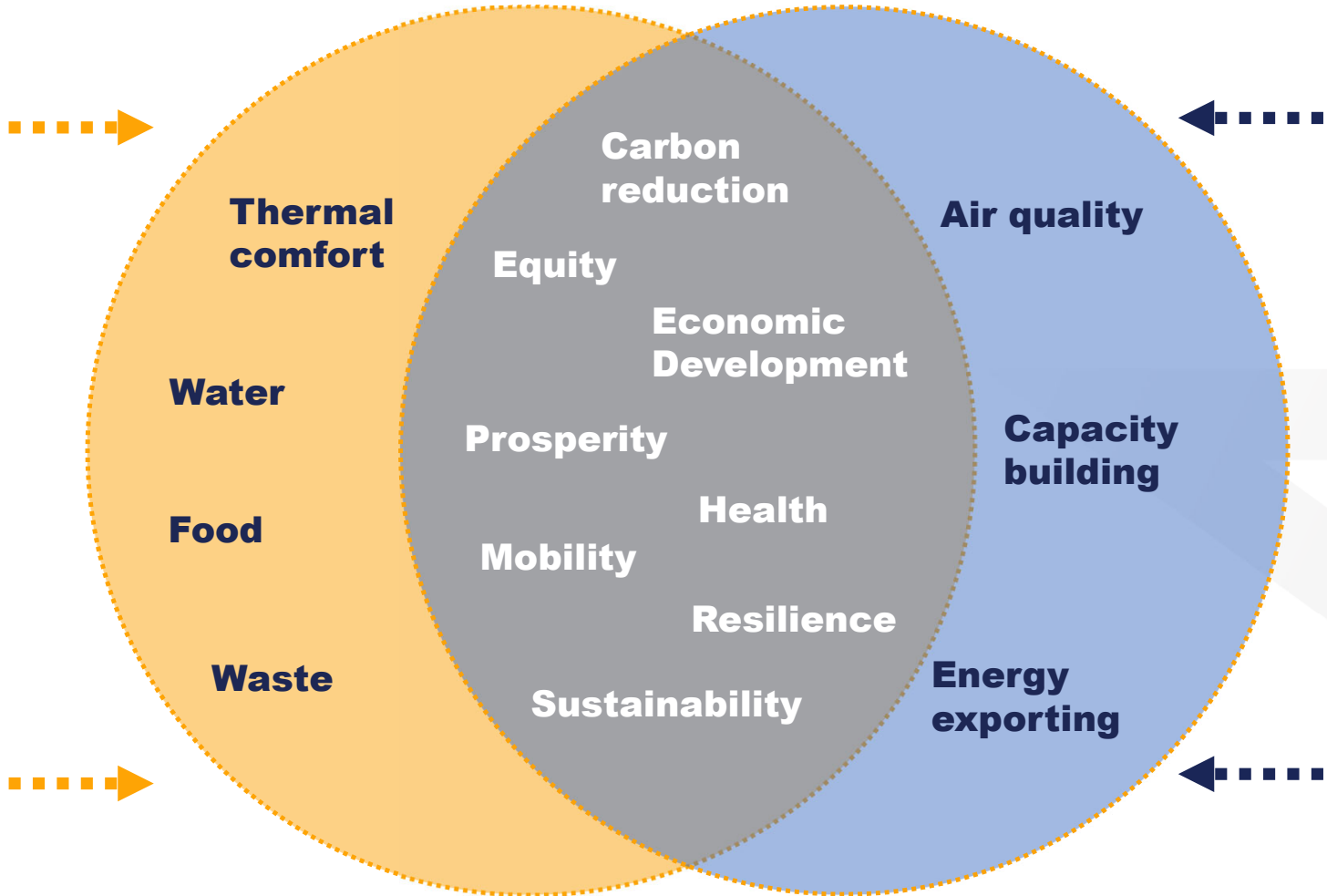
Strategic Process Alignment

Goal 8: Nurture + Promote a Healthy, Sustainable Community

8.4 Develop and implement a comprehensive climate action plan aligned with identified community priorities and established strategic objectives focused on **transportation, infrastructure, economy and equity.**



CLIMATE ACTION



CLEAN ENERGY



Process Timeline

8.4 Reduce operational energy consumption: **Create and implement the Urban Energy Plan** and identify state and federal legislative and funding opportunities.





Pillar 1: Education, Outreach + Advocacy

RREAC Strategic Goal Alignment

Progress Update

Goal 1.1 Bilingual education campaign encouraging residential and commercial customers to adopt energy efficiency practices and distributed generation.

Goal 1.3 Advocacy at the state and federal level for policies and incentives to accelerate adoption of both renewable generation and storage.

- **Partnership** with Solar United Neighbors (SUN), Eco El Paso and Sunrise El Paso to develop a bilingual Solarize campaign in 2022 to expand use of solar systems at **residential** level. Kick off date April 27th.
- **Letter of Support signed by the Mayor** to support Build Back Better adoption at the Federal Senate.
- **Texas Legislative priorities:** tracking energy related bills and participating in Texas cities' working group to define common priorities related to the energy sector.
- **Engagement with the State Energy Conservation Office** to align upcoming federal and state funding opportunities with Municipal priorities: **Energy Efficiency and Conservation Block Grant Program.**



Pillar 2: Municipal Energy

RREAC Strategic Goal Alignment

Progress Update

Goal 2.1 Reduce overall energy consumption and enhance energy efficiency in municipally owned facilities.

Goal 2.2 Increase efficiency for street and parks light infrastructure.

Goal 2.3 Increase solar generation at City owned facilities.

Goal 2.4 Enhance and increase EV fleet and chargers at municipal facilities

- **Airport: 5MW** using a **VPPA** agreement with EPE.
- **Airport: 1MW behind-the-meter carport system.**
- **Airport: Microgrid** (Solar; Storage; EV; other) as part of MOU with GM; UTEP; Chamber; and EPE.
- **PPA for multiple city facilities.**
- **Low or No Emission Vehicle Program and BBF** applications (Sun Metro).
- **EV chargers** as part of MOU with GM; UTEP; Chamber; and EPE.
- **Fleet electrification pilot** (PD and SAM).
- Pursuing new **FTEs**, including Facilities Engineer, Energy Manager and Engineer Specialist.



Pillar 3: Industry Development

RREAC Strategic Goal Alignment

Goal 3.2 Recommend incentive programs targeted for businesses in the area of renewable technology with an emphasis on local innovation, small business, microenterprise and locally driven NGOs.

Goal 3.3 Study the potential and identify a framework for a renewable energy industry cluster.

Progress Update

- **IIJA funding alignment with Strategic Plan:** how to leverage upcoming programs from the federal government to drive implementation of this pillar.
- **Schneider plant:** ‘engineer-to-order’ 160,000 square foot manufacturing plant in El Paso.
- **El Paso Metropolitan Regional Electrification Initiative:**
 - Carbon Foot Printing
 - Region Charging Station Development
 - Vehicle to Grid Development Research



Pillar 4: RE Infrastructure

RREAC Strategic Goal Alignment

Goal 4.1 Advocate for equitable access to solar for the community, prioritizing disadvantaged communities historically impacted by environmental concerns, including incentive programs and enhanced permitting and inspection processes.




Goal 4.5 Promote investment in community wide energy efficiency initiatives.


Progress Update

- **Partnership** with Solar United Neighbors (SUN), Eco El Paso and Sunrise El Paso to develop a bilingual Solarize campaign in 2022 to expand use of solar systems at **residential** level. Kick off date April 27th.
- Energy Efficiency incentive program for **small commercial businesses** (<25 Kw) using remaining funds of the Palo Verde settlement (\pm \$125,000).



Implementation Progress Summary

-  Significant progress
-  Moderate progress
-  Planned but not yet implemented



- **Urban Energy CFT**
- **Solar installations:** PPA and VPPA
- **Fleet electrification:** MOU, Sun Metro and Pilot
- **IIJA funding** alignment with Strategic Plan

municipal energy






- **Solarize:** Solar Co-op
- Legislative alignment
- **RMI Cohort:** PUC comments
- **SECO** engagement

outreach + advocacy



- Workforce development
- Incentives for industry development

industry development

- Code requirements
- Community wide energy efficiency initiatives
- Community solar
- Solar Co-op

RE infrastructure



Mission

Deliver exceptional services to support a high quality of life and place for our community



Vision

Develop a vibrant regional economy, safe and beautiful neighborhoods and exceptional recreational, cultural and educational opportunities powered by a high performing government



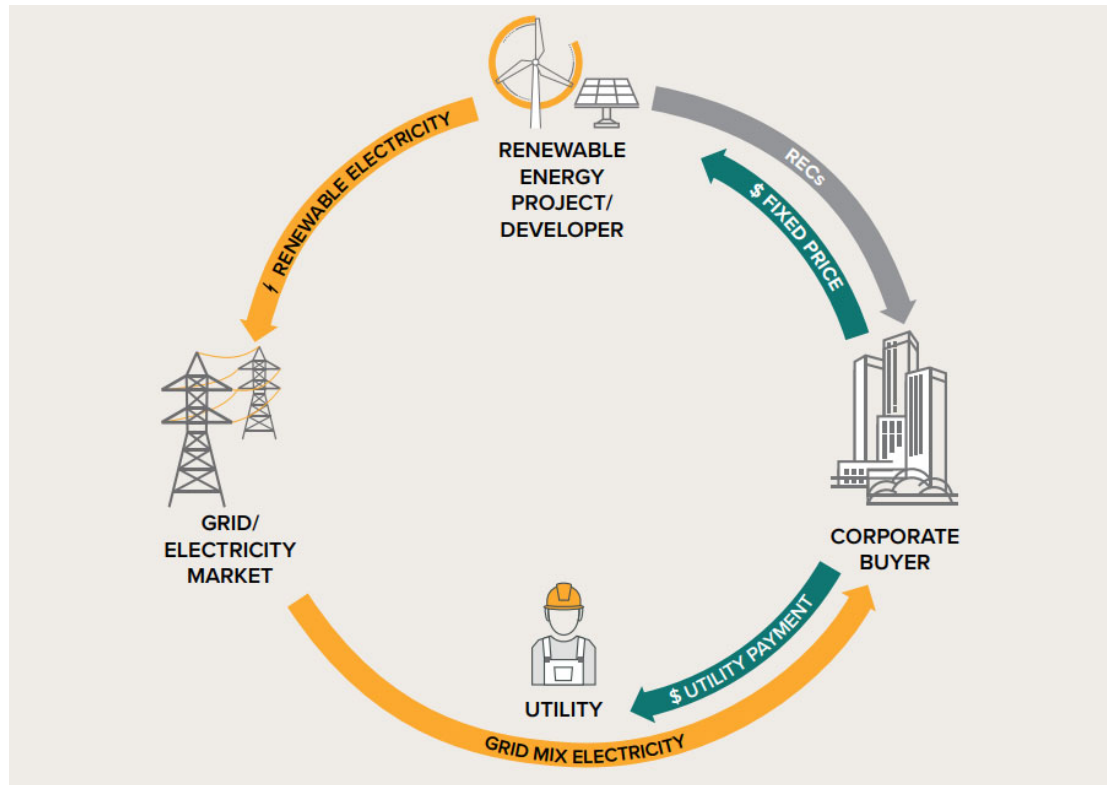
Values

Integrity, Respect, Excellence, Accountability, People



Thank you!

Virtual Power Purchase Agreement (VPPA)



Source: <https://rmi.org/wp-content/uploads/2018/12/rmi-brc-intro-vppa.pdf>