

**CIVANO PERFORMANCE TARGETS
SUMMARY OF REVISED IMPACT SYSTEM RECOMMENDATIONS**

A. <u>Master Plan Performance Targets</u>	B. <u>Initial Recommendations</u>	C. <u>Developer and Builder Actions (1st Phase)</u>	D. <u>Future Phases: Recommendations</u>	E. <u>Future Phases: Developer and Builder Actions</u>
1. Energy Demand Reduce by 75%	<p><u>Reduce from 1990 MEC baseline:</u></p> <p>Single Family Residential -- -65%</p> <p>Multifamily Residential -- -65%</p> <p>All Commercial <u>and Non-Residential</u> -- -55%</p>	<p>Design efficient street and lot layout</p> <p>Building design reviews for overall performance</p> <p>Encourage innovation-achieving goals, based on analyses of plans and specs in permit process</p>	<p><u>Maintain Initial Recommendations</u></p>	<p><u>Maintain Developer and Builder Actions (1st Phase)</u></p>
2. Energy Supply Increase innovation	<p>Initially, demos of PV/solar thermal</p> <p>Later, wider PV/solar thermal use, possible fuel cell, district heating/cooling in core</p>	<p>Land set-asides for PV fields</p> <p>Design buildings to accommodate solar equipt.</p> <p>Disincentives for electric/gas, encouraging solar</p>	<p><u>Maintain Initial Recommendations</u></p>	<p><u>Maintain Developer and Builder Actions (1st Phase)</u></p>

A. <u>Master Plan Performance Targets</u>	B. <u>Initial Recommendations</u>	C. <u>Developer and Builder Actions (1st Phase)</u>	D. <u>Future Phases: Recommendations</u>	E. <u>Future Phases: Developer and Builder Actions</u>
3. Water Use Reduce by 65%	Residential: -54% (to 53 gal/person/day) Commercial: -62% (to 15 gal/person/day) (Note: Figures only for interior potable use)	Use reclaimed water for irrigation Encourage water harvest/gray water systems Buildings to meet standards (fixtures/appliances)	<u>Maintain Initial Recommendations</u>	<u>Buildings to meet standards (fixtures/appliances)</u> <u>Use reclaimed water or other non-potable water systems for irrigation in common areas and in non-residential areas.</u> <u>Offer water harvesting, graywater and other alternative non-potable water systems for irrigation on residential uses as permitted by building codes.</u>
4. Solid Waste Reduce by 90%	Reduce by 30% initially (via recycling) Reduce by 60% when project half built out	Set aside land for Recycling/Composting Center Building recycling separation areas into homes Use recycled building materials when possible	<u>Maintain Initial Recommendations</u>	<u>Maintain Developer and Builder Actions (1st Phase)</u>
5. Air Pollution Reduce by 40%	Create pedestrian/bike-friendly environment Locate commercial services near residences Extend bus route or provide shuttle	Create bikepaths & sidewalks to encourage use Include commercial services in Phase 1 Extend bus service or offer shuttle to Park & Ride Consider use of clean fuel vehicles <u>Work with SunTran and City to promote extension of public transportation</u>	<u>Create pedestrian/bike-friendly environment</u> <u>Locate commercial services near residences</u> <u>Work with SunTran and City of Tucson to promote extension of public transportation system</u>	<u>Create bikepaths and sidewalks to encourage pedestrian use</u> <u>Include commercial and other non-residential land uses in successive phases</u> <u>Work with SunTran and City of Tucson to</u>

A. <u>Master Plan Performance Targets</u>	B. <u>Initial Recommendations</u>	C. <u>Developer and Builder Actions (1st Phase)</u>	D. <u>Future Phases: Recommendations</u>	E. <u>Future Phases: Developer and Builder Actions</u>	
		<u>services</u>		<u>promote extension of public transportation system</u>	
6. Job Creation	1 Job: 2 Housing Units	Construct 300 sq. ft. non-residential space for every 2 housing units, with credit for home offices	Build out Civano keeping commercial/residential in balance	<u>Maintain Initial Recommendations</u>	<u>Maintain Developer and Builder Actions (1st Phase)</u>
7. Affordable Housing	Enable workers to live there	Provide 20% of units (all types) for households under 80% of median income	Design, build, market for affordability goals Consider innovative approaches, e.g. land trust	<u>Maintain Initial Recommendations</u>	<u>Maintain Developer and Builder Actions (1st Phase)</u>