

Alx Eco-City Homes					
EPC Draft Brainstorm to inform City of Alx recognition/awards program					
What is the problem we're	ECCAP has a 2030 goal of 53,000+ housing units retrofitted with efficiency upgrades or built to be high efficiency The City can't force the community to make home efficiency upgrades, but they can incentivize/encourage it through an Eco-City Homes effort!				
Eligibility:	Single Family Homeowners Renters Multi Family Owners - perhaps separate Affordable and Market Rate into 2 categories				
Geographical Split:	Split across the 3 regions of the city by School Board Districts - East, Central, West				
Awards v Recognition:	EPC to discuss pros/cons of "many winners" akin to Eco-City Business recognition, vs "few awards" akin to Beautification Commission Awards				
Promotion:	EPC to discuss - social media, yard signs, door signs, press release, website post, other?				
Criteria:	Awards/Recognition could be provided based on the overall eco-leadership shown in the home, across the different categories below (x denotes which items would be applicable to which stakeholder type). Would ask applications to fully explain their box-checks in an associated narrative in the submission.				
	Category	Activity	SFH	MF Owner	Renter
	Energy Efficiency	Energy usage benchmarked on ENERGY STAR Portfolio Manager	x	x	x
	Energy Efficiency	3rd Party Energy Audit performed within past 3 years	x	x	
	Energy Efficiency	All-Electric Home	x	x	
	Energy Efficiency	Heat Pump for HVAC	x	x	
	Energy Efficiency	Electric Induction Stove	x	x	
	Energy Efficiency	Electric clothes dryer	x	x	
	Energy Efficiency	Well-Insulated Attic	x	x	
	Energy Efficiency	High Performance Windows	x	x	
	Energy Efficiency	Sealed Doors	x	x	
	Energy Efficiency	LED Lighting	x	x	x
	Energy Efficiency	ENERGY STAR appliances	x	x	x
	Energy Efficiency	Smart Thermostat	x	x	
	Energy Efficiency	Energy Efficient Thermostat Setpoints	x	x	x
	Energy Efficiency	Pledge for plug load efficient behavior - turn off unused lights, unplug applia	x		x
	Renewable Ener	Onsite Solar Panels	x		
	Renewable Ener	Geothermal	x	x	
	Renewable Ener	Backup Battery (not fossil fuel)	x	x	
	Renewable Ener	Participation in Dominion's Renewable Energy program	x	x	x
	Transportation	Doesn't own a Car	x		x
	Transportation	Relies primarily on walking/public transit/bike/scooter for transportation	x		x
	Transportation	EV-ready infrastructure	x	x	
	Transportation	EV Charger on-site	x	x	
	Transportation	Owens an Electric Vehicle	x		x
	Transportation	Pledges to reduce vehicle miles traveled as much as possible in daily life ac	x		x
	Water Efficiency	Heat Pump Water Heater	x	x	
	Water Efficiency	Low-Flow Fixtures - WaterSmart shower/tub, faucets, toilets	x	x	
	Water Efficiency	Participate or eligible to participate in City's stormwater reduction program	x	x	
	Water Efficiency	Pledges to be waterwise with shorter showers, no water during teethbrushin	x		x
	Water Efficiency	Landscapes with native plantings/xeriscaping to enable less watering of out	x	x	
	Water Efficiency	Wildflowers/natural plant growth instead of manicured grass on the property	x	x	
	Water Efficiency	Rain barrel on site to for landscaping/water reuse	x	x	
	Water Efficiency	Permeable pavement for driveway/yard features (as opposed to impermeab	x	x	
	Waste Reduction	Onsite Recycling Program	x		
		Onsite Compost Program		x	
		Composts at curbside, farmers market, or onsite	x		x
		Recycles household waste	x		x
		Brings glass to purple bin	x		x
		Pledges to avoid material and food waste as much as possible	x		x
For Discussion at the 3/18	Do we want an ongoing recognition program, or do we want an annual awards effort?				
	Should the criteria be objective so that it is black-and-white in terms of what and why certain homes get recognized?				
	If it is too detailed, will it deter folks from applying?				
	If it is too detailed, are we just reinventing a Home Energy Certification? (Pearl, DOE, other)				
	How do we align this with our Green Building Policy, and future updated GBP?				
	If it is too vague, are we opening ourselves to a subjective mess?				
	Do we recognize individual actions, or only holistic successes? E.g. a heat pump or an induction stove?				
	Should we differentiate between new construction and existing older homes?				
	What should the timing be for next steps and a rollout with the City?				
	Could this be ready for the City's May 11th Eco-City Festival event?				