

# Metolian Sustainability Initiatives

**DRAFT**  
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	Issues	Area of Focus	Representative Strategies
	<b>HABITAT</b>	Diversity	Encourage biological diversity through habitat restoration and regeneration   Facilitate stewardship of this diversity through education
		Reduce Footprint	Protect streams and wetlands   Cluster development to minimize development footprint   Smaller building footprints   Low-impact road and infrastructure design
	<b>ENERGY</b>	Reduce Demand	Utilize passive heating and cooling   Low-energy appliances   Natural daylight   Efficient lighting   High-efficiency climate control   Geothermal heat pump and lake loops   Solar water heating and pre-heat
		Renewable production	Biomass energy production   Solar power (PV)   Micro Hydro Power   Wind turbine
	<b>WATER</b>	Reduce Demand	Selection of climate adaptive plants   High-efficiency irrigation with recycled water   High efficiency appliances   Rainwater collection
		Protect Quality	Stormwater detention and cleaning   Agronomic uptake of reclaimed water   On-site water treatment
	<b>LOW-CARBON MOBILITY</b>	Offsite	Shuttles to Sisters for employees and guests   Peak period shuttles to population centers west of the Metolian   'Pooled' services and combined supply trips
		Onsite	Walkable, focused activity core   Pedestrian and bike friendly roads and trails   Hybrid or electric vehicle car share program   Bike share program   Employee Housing
	<b>MATERIALS</b>	Embedded Energy   Toxins	Hierarchy of selection based on embedded carbon   Prioritize local materials   Prioritize low or no toxicity   High post-consumer content
		Waste	Construction waste diversion program   Waste packaging reduction program   Consumer recycling collection   Green waste composting and reuse on site
	<b>COMMUNITY</b>	Character + Place	Unique vernacular of Metolian architecture - place based, high performance, socially engaging   Compact community   Indigenous materials
		Vitality	Cluster density and activity at core   Trails and common areas to serve as focal points for interaction   Outreach and program support for interactive activities
	<b>STEWARDSHIP</b>	Education	On-site naturalist and educational programs   Volunteer restoration program (for on- and off-site work)   Education and outreach for residents and guests on sustainable use of resources   Partnerships with institutions of higher learning for research
		Regional Economics	New living wage jobs   On-site housing for staff and employees   Metolian Resource Enhancement Fund to support stewardship and restoration efforts basinwide