



Clean Tech Transition to Renewable Energy

Action: Engage with Devens’ business community to identify opportunities for demonstration projects that advance the transition to clean renewable energy.

DESCRIPTION OF ACTION	Identify local businesses that have installed onsite renewable energy and partner with them to host demonstration visits by other business leaders to share best practices.
CHAMPION	Devens Eco-Efficiency Center

IMPLEMENTATION STEPS	PLANNING CONSIDERATIONS	
	Timeframe ¹	Key Partners
Identify existing businesses with installed renewable energy (solar, wind, biofuels, etc.)	Short	<ul style="list-style-type: none"> • Devens Enterprise Commission
Host Round Table Forums through DEEC to inform business leaders on best practices in the region	Medium	<ul style="list-style-type: none"> • Devens Enterprise Commission • Businesses • MassDevelopment
Provide access to information on local DEC funding for reduced fee schedule, and federal grants available for renewable energy projects	Short	<ul style="list-style-type: none"> • Devens Enterprise Commission • MassDOER
Evaluate new projects as potential demonstration sites	Long	<ul style="list-style-type: none"> • MassDevelopment • Universities • Industry • U.S. Army

¹ Short = less than 1 year; Medium = 1-3 years; Long = 4-5years

CLEAN TECH TRANSITION TO RENEWABLE ENERGY (CONT.)

<p>FUNDING RESOURCES</p> <ul style="list-style-type: none"> • Database of State Incentives for Renewables & Efficiency • MA Executive Office of Energy and Environmental Affairs 	<p>TECHNICAL RESOURCES</p> <ul style="list-style-type: none"> • UMass Amherst Clean Energy Extension • EcoStar Action Guide • MassCEC • Green Infrastructure Guidelines • National Renewable Energy Laboratory • Built Environment +
<p>LINKS TO OTHER PLANS & ACTIONS</p> <p>How does this action connect to other Devens goals?</p> <ul style="list-style-type: none"> • Connects to CE.1 goal on energy efficiency upgrades. Renewable energy can be part of larger sustainability retrofits • Can be linked with I.2 and TLU.2 where excess capacity from solar projects can be shared with adjacent businesses or funneled into EV infrastructure • Relevant STAR Objectives: Green Market Development • Relevant LEED Credits: Integrative Planning and Leadership, Renewable Energy, Low Carbon Economy 	<p>EQUITY CONSIDERATIONS</p> <p>How can the community incorporate equity into the implementation of this action?</p> <ul style="list-style-type: none"> • Highlight diverse projects and implementation sizes across numerous business types. • Focus workshops on renewable energy projects that are scalable to many types of operations.
<p>MEASURING SUCCESS</p> <p>How can we measure the progress and success of this action?</p> <p>Outputs</p> <ul style="list-style-type: none"> • Round Table Forums • Site visits • Ongoing coordination with DEEC <p>Outcomes</p> <ul style="list-style-type: none"> • Increase in MW of renewable energy installed • Reductions in MTCO₂e per square foot in businesses • Decrease in MTCO₂e per million dollars goods and services 	<p>ENGAGING THE COMMUNITY</p> <p>How can we engage the populations that benefit from implementing this action?</p> <ul style="list-style-type: none"> • Highlight examples of cost savings from renewable energy • Publishing case studies • Include discussions on the benefits to local businesses from LEED and STAR Community recognition