

OWP Green/Clean Tech Survey 6/16/09

NOTE: All 7 WIB responded to the survey and 5 are listed as completing the survey. This is not surprising as the survey was set up in a way that organizations having no response to a question would be counted as skipping it.

1. Green Jobs focus. Please check all of the industries within the green/clean tech cluster you are targeting your WIB is targeting.

Renewable Energy: Energy Generation, System Installation & Storage group includes activities aimed at developing, introducing and installing the technologies, which harness, generate, store, and distribute renewable sources of energy.

Solar power (thermal & photovoltaic systems)	100%	5/5
Wind power	60%	3/5
Water & hydro-electric power	40%	2/5
Geothermal power	40%	2/5
Hydrogen	0	0/5
Energy storage	40%	2/5
Energy transmission/ distribution	20%	1/5
Energy services (ESCO)	40%	2/5
Utility-scale renewable energy plants	40%	2/5

Green Building and Energy Efficiency is comprised of industries clustered around the purpose of making new and existing buildings resource efficient and friendly to the environment. This category also includes private and public agencies responsible for energy planning and management.

Green product manufacturing (Lighting; Construction materials; “Smart” systems and equipment; HVAC/R equipment)	60%	3/5
Green construction materials wholesaling	20%	1/5
Energy Services (ESCO)	40%	2/5
Design and construction of new buildings	20%	1/5
Retrofitting of existing structures	100%	5/5
Retro-commissioning of existing buildings	20%	1/5
Green building operations and maintenance	60%	3/5
Deconstruction	0	0/5
Certifications (LEED)	60%	3/5
Green landscaping	80%	4/5

Biofuels Production & Farming is an area associated with producing alternative fuels and/or energy from biological products and waste, as well as incorporating environmentally friendly practices and principles in the overall farming process.

Biofuels production	60%	3/5
Organic farming practices	80%	4/5
Biomethane production (Energy from animal waste; Energy from landfills)	20%	1/5
Sustainable fisheries	20%	1/5

Transportation & Alternative Fuels group focuses on developing the technology, manufacturing and servicing vehicles that run on alternative fuels, and “greening” transportation infrastructure and logistics processes.

Transportation technology (hydrogen electrical, biofuels, hybrid systems)	75%	3/4
Fuel efficient vehicle manufacturing	25%	1/4
Repair & maintenance of alternative fuel vehicles: individual, mass transit, and trucking (hybrid/electrical; hydrogen/fuel cells; biofuels; natural gas, LNG & CNG)	50%	2/4
Logistics	25%	1/4
Green infrastructure (ports, airports, etc.)	25%	1/4

Water, Wastewater & Waste Management area includes the development and operation of systems, connected with treatment and conservation of water, recycling of wastewater, and solid waste management.

Water shed conservation and management	75%	3/4
Water treatment	50%	2/4
Harvesting rainwater and recycling gray water	25%	1/4
Wastewater treatment & management	25%	1/4
Solid waste management/recycling	50%	2/4
Hazardous waste management/recycling	0	0/4

Environmental Compliance & Sustainability Planning contains establishments and governmental agencies that plan, establish, execute and control environmental quality standards, usually in regards to air, water, land, and other environmental resources. These agencies also play a significant role in guiding and shaping the developments of the other five clusters.

Air quality	33%	1/3
Conservation and pollution prevention	66%	2/3
Pollution prevention, rule development and enforcement	0	0/3
Cleanup/safety	33%	1/3
Emissions control	33%	1/3
Monitoring and compliance	0	0/3
Transportation systems	33%	1/3