THE GREATER PHILADELPHIA GREEN BUSINESS COMMITMENT

TENANT CHECKLIST

I. LEADERSHIP AND EDUCATION

OBJECTIVE: RAISE AWARENESS OF SUSTAINABILITY EFFORTS AND ENVIRON-MENTAL ISSUES WITHIN COMPANY AND BUSINESS COMMUNITY AT LARGE.

(1) Designate a green office advocate or working committee.	Y N N/A
(2) Assess and track your firm's/facility's (ies') Philadelphia region estimated baseline carbon footprint. (Use of the calculator provided by Pennsylvania Environmental Council is strongly encouraged; however, a member may assess its carbon footprint using the protocols identified below (see NOTE).)	
(3) Promote sustainability initiative and forthcoming changes, strategies, and objectives within company on a regular basis to raise consciousness and add transparency of the initiative.	
(4) Develop and implement a written plan to reduce carbon footprint.	
(5) Appoint management level sustainability officer.	
(6) Establish and promote individual green pledge for employees.	
(7) Actively encourage employees to adopt sustainable practices outside of work, and provide resources for doing so (such as discounted compact fluorescent (CF) light bulbs).	
(8) Host regular green awareness events within the company.	
(9) Prepare an internal annual report of progress and distribute to employees/shareholders.	
(10) Distribute an external green e-newsletter on at least a quarterly basis.	
(11) Prepare an external annual report on progress to be distributed publicly.	
(12) Be in a LEED-certified building and/or certify your space as a LEED Commercial Interior.	
(13) Post and maintain your current Greater Philadelphia Green Business Commitment Self-Certification Report (this checklist) on your external website.	
(14) Post and maintain your current carbon footprint (summary data) on your external website.	
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Red items inidcate mandatory minimum requirements.

II. Energy

OBJECTIVE: REDUCE ENERGY USE AT FACILITY.

		Y N N/A
A. General Y N N/A	(3) Implement weatherizing policy and measures (I.e. weather stripping, caulking,	
(1) Conduct an informal internal energy audit of your facility (ies) (assess and implement simple measures to reduce energy	sealing unused space, not heating/cooling unused space).	
implement simple measures to reduce energy consumption).	(4) If appropriate, apply window film to reduce solar heat gain.	
(2) Purchase 10% of electricity demand as renewable energy credits (green power) from your utility.	(5) Install ceiling fans to promote air circulation and reduce the need for air conditioning or use fan-only mode on A/C.	
(3) Purchase an additional 10% of electricity demand as renewable energy credits (green power) from your utility (20% total).		
power, from your attinty (20% total).	C. Lighting	
(4) Purchase an additional 10% of electricity demand as renewable energy credits (green power) from your utility (30% total).	(1) Maintain (and adhere to) a written policy to turn off office lights when leaving for more than 15 minutes and post reminders.	
(5) Have an outside firm conduct a formal energy audit of your facilities.	(2) Replace incandescent bulbs with compact fluorescents or LED lights. Use halogen lamps only for low wattage task and spot lighting.	
B. HVAC	(3) Arrange your workspaces to take advantage of areas with natural sunlight, and	
(1) Maintain (and adhere to) a written policy that ensures blinds and curtains are closed during peak summer period (white reflects) to reduce A/C load.	design for increased natural lighting when remodeling (workspace within 30' of natural light).	
	(4) Use "task" lighting with energy efficient bulbs where extra light is needed, rather than over-lighting an entire area with	
(2) Institute and/or maintain a written maintenance program: Inspect permanent filters	ambient light.	
every 3 months and clean permanent filters with mild detergents when necessary (change replaceable filters every three months); check the entire system for coolant and air	(5) Replace standard fluorescent lights with low- or no-mercury fluorescent lights that are higher efficiency.	
leaks, clogs, and obstructions of air intake and vents; keep the condenser coils free of dust and lint; keeps the evaporator coils free of excessive frost.	(6) Install optical reflectors or diffusers to increase lighting efficiency and reduce the number of fixtures, lamps.	
	(7) Disconnect unused ballasts in de-lamped fixtures and replace burned out lamps to avoid ballast damage.	

Red items indicate mandatory minimum requirements.



II. ENERGY

OBJECTIVE: REDUCE ENERGY USE AT FACILITY.

C. Lighting	D. Office Equipment
Y N N/A (8) Reduce ambient lighting to 1W/sf and 35 FC (except in specialty work areas).	(1) Set all office equipment to go to standby mode when not in use (e.g. energy saver buttons on copiers). Turn off equipment when not in use for long periods of time (end of workday).
(9) Clean lighting fixtures, diffusers and lamps so that they are lighting as effectively as possible (dirt can reduce lighting efficiency by up to 50%).	(2) Establish purchasing program to buy only EPEAT certified computers and LED monitors that consume approximately 1/3 less energy than larger CRT monitors.
(10) Use daylight sensors in lighting systems.	(3) Establish purchasing policy to only purchase Energy Star or energy efficient equipment and appliances.
(11) Replace magnetic ballasts with electronic ballasts and install T-8 or T-5 lamps.	(4) Install or use plug load controllers for office equipment that switches equipment off after working hours.
(12) Install bypass/delay timers for off-hour lighting.	(5) Set refrigerator temperature between 38°F and 41°F and freezer between 10°F and 20°F.
(13) Install occupancy sensors on lights in places of variable occupancy, such as restrooms, private offices, storage, etc.	(6) Install "instant-on" hot water.
(14) Increase natural lighting through installing sidelights or lowering cubicle and non-structural walls that block lighting to interior	



III. OPERATIONS & PROCUREMENT

OBJECTIVE: ENGAGE IN PURCHASING PRACTICES THAT MINIMIZE ENVIRON-Mental impacts within business and throughout the supply chain.

A. Facilities / Janitorial	Y N N/A	B. Office	Y N N	1//
(1) Buy toilet paper, tissues and paper towels that have 35%-100% post-consumer recycled content.	Y N N/A	(1) Institute a written policy regarding the rental of office equipment where appropriate. Businesses that lease equipment tend to use more durable items, salvage reusable		
(2) Implement a "just in time" purchasing policy (inventory reduction purchasing) and a "first-in/first-out" chemical usage		parts, refurbish, recycle, or donate used equipment that can no longer be leased.		
policy(using older chemicals first) to use old material first.		(2) Purchase copy, computer or fax paper, letterhead, envelopes and business cards with at least 35% post consumer recycled		
(3) Replace aerosols with non-aerosol alternatives (such as pump sprays for fresheners		content.		
and cleaners). (4) Buy low or no VOC paints, coatings, adhe-		(3) Purchase boxes and bags for retail use or shipping made from recycled paper or plastic (or reuse old boxes and bags).		
sives, and sealants for renovation projects.		(4) Where possible, use non-toxic water-		\neg
(5) When replacing furniture, phase in low- VOC furniture.		based markers rather than toxic permanent ink markers/pens.		
(6) Use green cleaning techniques and products, including low-toxic, biodegradable cleaners, and properly dispose of expired		(5) Use recycled or remanufactured laser and copier toner cartridges.		
materials.		(6) For shipping items, use shredded paper or corn starch pellets for packaging needs		\neg
(7) When renovating, use eco-friendly flooring, such as CRI green label plus carpeting, CRI green label carpet pads, and floorscore certified flooring (bamboo, natural linoleum, cork, etc.).		instead of purchasing styrofoam pellets, bubble wrap or other packaging materials; also, reuse, in your own packaging, packaging materials received.		
COIK, Etc.).		(7) When purchasing new printers, buy ones with duplex capability.		
		(8) Print promotional materials with soy or other low-VOC inks.		



III. OPERATIONS & PROCUREMENT

OBJECTIVE: ENGAGE IN PURCHASING PRACTICES THAT MINIMIZE ENVIRON-MENTAL IMPACTS WITHIN BUSINESS AND THROUGHOUT THE SUPPLY CHAIN.

C. General Practices	N/A		Y N N/A
(1) Maintain (and adhere to) a sustainable purchasing policy (Energy Star equipment and appliances; recycled content, biodegradable	(7) Spe	ecify deliveries in reusable or return- ontainers.	
paper products; energy-efficient, low-mer- cury lamps; plastic products; food products; building/renovation materials). Consider and favor products that are recycleable at the end of their useful life.	bags, f recycle	nen purchasing garbage pails or garbage find ones that use recycled plastic (e.g. ed HDPE trash liner bags instead of or LLDPE).	
(2) Choose vendors who can articulate sustainable practices.	□ menta	nen possible, arrange to order environ- Ily friendly items from vendors who deliveries for several items.	
(3) Use unbleached and/or chlorine-free paper products (copy paper, promotional paper, paper towels, coffee filters, etc.).		sk vendors to take back packaging and or damaged products for reuse and ing.	
(4) Use local businesses for products and services whenever possible.	ban sm	order to improve indoor air quality, noking from interior spaces and desig- exterior smoking areas at least 25 feet	
(5) Choose vendors who take back products after their shelf life is over (e.g. fluorescent light bulbs).	from b	ouilding entries, outdoor air intakes perable windows, with cigarette butt al units.	
(6) Purchase items with the least packaging and work with vendors to minimize product packaging. Minimize packaging in your own products and services.		erve locally-grown and/or organic food porate events when possible.	

IV. Transportation

OBJECTIVE: REDUCE CARBON FOOTPRINT OF EMPLOYEE TRAVEL BY ENCOURAGING ALTERNATIVE COMMUTING AND FUEL ECONOMY.

A. Commuter	/ NI NI /A		\/ B	
(1) Have a bike kit for employees who may have bicycle emergencies or problems.		(8) Encourage bicycling to work by offering rebates on bicycles bought for commuting, or provide employees a stipend or subsidy for bicycle maintenance.	Y N	I N/A
(2) Reserve with signage car/van pool and low-emissions/fuel efficient vehicle parking spaces.		(9) Offer secure areas for bicycle storage for both employees and customers.		
(3) Encourage commuter alternatives by informing employees, customers and others who visit your office about various transportation options (post bicycle route maps, transit schedules, commuter ride sign-ups, etc. in a visible area for employees).		(10) Offer lockers and showers for employees who walk, jog or bicycle to work. Provide your own, or subsidize the cost of locker rentals and shower passes at a nearby health club.		
(4) If space locations are convenient, enroll your company in a car-sharing program.		(11) Offer electronic vehicle recharge ports for visitors and employees' electric vehicles.		
(5) Operate a car pooling message board for employees who drive.		(12) Institute flextime and work-at-home days for employees who commute by car.		
(6) Sign up for commuter benefits such as TransitChek for employees.		(13) Subsidize or otherwise incentivize employee purchase of hybrid vehicles.		
(7) Distribute free or discounted public transportation passes (beyond discount offered by TransitChek), or offer other incentives) such as additional vacation days) for using public transit.		(14) Provide a commuter van or offer a shuttle service to and from bus, train and/or light rail stops; or be located within walking distance of transit stop.		

IV. TRANSPORTATION

OBJECTIVE: REDUCE CARBON FOOTPRINT OF EMPLOYEE TRAVEL BY ENCOURAGING ALTERNATIVE COMMUTING AND FUEL ECONOMY.

B. Business Travel	Y N N/A	C. Fleet	Υ	N N/A
(1) Have written policy to use hybrid cars during business travel when it is necessary to rent a car.		(1) Carefully plan delivery routes and errands to eliminate unnecessary trips.		
(2) Have written policy to use public transit or car share if possible when traveling from office in metro area.		(2) Purchase carbon dioxide offsets for company vehicles.		
(3) Use teleconferencing to cut down on amount of business travel.		(3) Convert company vehicles to low-emission/fuel efficient vehicles (hybrid and/or using natural gas, electricity or alternative fuels).		
(4) Buy carbon offsets for all business travel.		(4) Make 50% of company fleet zero emissions vehicles (ZEV) or ACEEE 40 or less rated.		

V. Waste Reduction & Recycling

OBJECTIVE: REDUCE VOLUME OF WASTE GENERATED BY BUSINESS, RECYCLE AS MUCH WASTE AS POSSIBLE.

Λ	Food O Doverno								
Α.	Food & Beverage	Υ	N	N/A	(5) Keep a stack of previously used paper near printers. Use it for drafts, scratch paper	Υ	N	N/A	
glas	Recycle food and beverage containers (all ss, #1 & #2 plastic and aluminum contain-				or internal memos or designate a draft tray on printers with multiple trays.				
ers)	•				(6) Recycle tyvek envelopes.				
or t	Supply water through a fountain, cooler ap; eliminate bottled water.				(7) Write to or call senders requesting removal from mailing list to reduce junk				
	Use refillable containers of sugar, salt & per, half & half, etc. to avoid individual				mail.				
con	diment packets.				(8) Return labels from duplicate mailings and subscriptions requesting all but one be				
	For catering and takeout, either use your reusable dishes or encourage caterers				removed.				
	erve "family-style" in reusable serving				(9) Write "refused" on unwanted first class mail and return to sender.				
disp	In the lunch/break room, eliminate posables (plastic utensils, coffee stir-				(10) Purge your own mailing lists to eliminate duplication.				
(mu	s, paper towels) by using permanent ware gs, dishes, utensils, towels/rags, coffee ers, etc.)				(11) Institute a policy that switches to electronic forms, eliminate excess forms and make paper forms more efficient.				
or a	Have on-site composting of organic waste irrange for outside vendor to pick it up for aposting.				(12) Where possible, reuse envelopes as both send and return envelopes: cover up old addresses and postage, affix new, and/or use				
В.	Paper				two way or 'send and return' envelopes.				
you	Recycle (or reuse) all paper products that r recycling vendor will accept.				(13) Eliminate fax cover sheets by using "sticky" fax directory notes or use software that allows you to send and receive faxes				
of "	Maintain (and adhere to) a written policy green printing practices," including lex printing, draft printing, and utilization				directly from your computer without printing .				
of s	crap paper.				(14) Institute written policy encouraging the				
wit	If your facility still has an old printer nout duplex capability, use only for single e documents and ensure multi-page docu-				use of the size reduction feature in photocopying (e.g. print two pages of book on one page).				
mei	nts are printed on duplex printer.				(15) Minimize misprints by posting a diagram				
and	Encourage employees to read, highlight comment on documents on the computer				showing how to load special paper, such as letterhead.				
	een whenever possible.				(16) Recycle toner cartridges, cell phones and				
Rea	l items indicate mandatory minimum red	auir	eme	ents.	dry cell batteries.		\Box		

V. WASTE REDUCTION & RECYCLING

OBJECTIVE: REDUCE VOLUME OF WASTE GENERATED BY BUSINESS, RECYCLE AS MUCH WASTE AS POSSIBLE.

C. Policies	Υ	N	N.	/A
(1) Make it easy for employees to recycle by placing clearly marked collection bins in convenient locations. Post signs and/or train employees regarding recycling policies and procedures in the office.][
(2) Donate or exchange unwanted but usable items (furniture, supplies, electronics, scrap materials, computer disks, etc.) to schools, churches, hospitals, libraries, non-profit organizations, museums, teacher resource organizations, etc.; or enroll in a waste exchange program.				
(3) Conduct a waste audit of your facilities.				

VI. WATER MANAGEMENT

OBJECTIVE: REDUCE BUSINESS'S AGGREGATE WATER USE AND DISCHARGE OF POLLUTANTS INTO STORMWATER RUNOFF.

A. Exterior	N N/A	B. Interior	Y N N/A
(1) If you need to use water to clean concrete or asphalt surfaces, use "dry sweeping," water efficient "spray brooms," or low flow (<3 gpm) spray		(1) Post signs in restrooms and kitchen areas encouraging water conservation.	
nozzles with automatic shut-off rather than a garden hose.		(2) Regularly check for and repair all leaks in your facility (toilet leaks can be detected in tank toilets with leak	
(2) If company owns any vehicles, routinely check for leaks and keep a spill kit handy to catch/collect spills from leaking company or employee		detecting tablets. Train your staff to monitor and respond immediately to leaking equipment.	
vehicles.		(3) Understand your water bill and review it monthly for indications of leaks, spikes or other problems.	

VII. Innovation

BUSINESSES MAY ATTAIN UP TO TWO EXTRA "INNOVATION" CREDITS FOR EACH CATEGORY IF THEY HAVE INSTITUTED PRACTICES WHICH ARE NOT ON THE CHECKLIST BUT WHICH FURTHER THE OBJECTIVE OF THE CATEGORY.

This checklist is adapted from a similar list developed by the San Francisco Green Business Program (http://sfgreenbiz.org).

