

POTTSTOWN CITIZENS FOR Enlightened LEADERSHIP

Drawdown

This week, representatives from 197 nations are meeting in Glasgow to seek a worldwide agreement to reduce greenhouse gas emissions to avoid planetary disaster.

The issue is so immense, and the international cooperation needed so unprecedented, that most people throw up their hands and say, "There's nothing we can do."

But there's plenty we can do, including right here in Pottstown.

The 2017 book, *Drawdown*, is a practical and action-oriented compendium of 80 specific initiatives humanity can take to reduce green-

house emissions and make our world more pleasant at the same time.

One professor called it "the ideal environmental sciences textbook, only it is too interesting and inspiring to be called a textbook."



Commentary by
Tom Hylton

Next week, we'll discuss one initiative on this list that can involve a substantial number of Pottstonians and have a significant visual and environmental impact on our town.

Most cost-effective ways to reduce greenhouse gases			
1	Refrigeration management	42	Heat pumps
2	Wind turbines (onshore)	43	Airplanes
3	Reduced food waste	44	LED lighting—Commercial
4	Plant-rich diet	45	Building automation
5	Tropical forests	46	Water saving—Home
6	Educating girls	47	Bioplastic
7	Family planning	48	In-stream hydro
8	Solar farms	49	Cars
9	Silvopasture	50	Cogeneration
10	Rooflop solar	51	Perennial biomass
11	Regenerative agriculture	52	Coastal wetlands
12	Temperate forests	53	System of rice intensification
13	Peatlands	54	Walkable cities
14	Tropical Staple Forests	55	Household recycling
15	Afforestation	56	Industrial recycling
16	Conservation Agriculture	57	Smart thermostats
17	Tree Intercropping	58	Landfill methane
18	Geothermal	59	Bike infrastructure
19	Managed grazing	60	Composting
20	Nuclear	61	Smart glass
21	Clean cookstoves	62	Woman smallholders
22	Wind turbines (Offshore)	63	Telepresence
23	Farmland restoration	64	Methane digesters (small)
24	Improve rice cultivation	65	Nutrient management
25	Concentrated solar	66	High-speed rail
26	Electric vehicles	67	Farmland irrigation
27	District heating	68	Waste-to-energy
28	Multi-strata Agroforestry	69	Electric bikes
29	Wave and tidal	70	Recycled paper
30	Methane Digesters (Large)	71	Water distribution
31	Insulation	72	Biochar
32	Ships	73	Green roofs
33	LED lighting—Household	74	Trains
34	Biomass	75	Ridesharing
35	Bamboo	76	Micro wind
36	Alternative cement	77	Energy storage (distributed)
37	Mass transit	77	Energy storage (utilities)
38	Forest protection	77	Grid flexibility
39	Indigenous people's land management	78	Microgrids
40	Trucks	79	Net zero buildings
41	Solar water	80	Retrofitting