List of New Cleaner Production Technology Projects (funding amount ceiling of HK$650,000)

Item	Category	Name of Technology
1	Air Pollutants Emission Reduction Technologies	Adoption of chemical scrubbing and activated carbon adsorption technology to reduce volatile organic compounds (VOCs) emissions
2		Adoption of chemical scrubbing and electrostatic precipitator to reduce volatile organic compounds (VOCs) emissions
3		Adoption of biofiltration technology and activated carbon adsorption technology to reduce volatile organic compounds (VOCs) emissions
4		Adoption of automatic pad printing system to reduce volatile organic compounds (VOCs) emissions
5		Adoption of automatic laminating machine to reduce volatile organic compounds (VOCs) emissions
6		Adoption of automatic spraying machine to reduce volatile organic compounds (VOCs) emissions
7		Adoption of automatic wet grinding machine to reduce volatile organic compounds (VOCs) emissions
9		Adoption of film blowing machine integrated with water-based ink printer to reduce volatile organic compounds (VOCs) emissions
10		Adoption of electric induction furnace to reduce air pollutant emissions
11		Adoption of zeolite adsorption and catalytic oxidation technology to reduce volatile organic compounds (VOCs) emissions
12		Adoption of zeolite adsorption and regenerative thermal oxidation technology to reduce volatile organic compounds (VOCs) emissions
13		Adoption of zeolite adsorption technology to reduce volatile organic compounds (VOCs) emissions
14		Adoption of oil mist recovery air purifier to reduce volatile organic compounds (VOCs) emissions
15		Adoption of direct thermal combustion technology to reduce volatile organic compounds (VOCs) emissions
16		Adoption of activated carbon adsorption and catalytic oxidation technology to reduce volatile organic compounds (VOCs) emissions
17		Adoption of activated carbon adsorption and regenerative catalytic oxidation technology to reduce volatile organic compounds (VOCs) emissions
18		Adoption of dehumidifier with heat recovery technology to reduce volatile organic compounds (VOCs) emissions
19		Adoption of ultraviolet (UV) cured coating system to reduce volatile organic compounds (VOCs) emissions
20		Adoption of catalytic oxidation technology to reduce volatile organic compounds (VOCs) emissions

Item	Category	Name of Technology
21		Adoption of permeable membrane, resin adsorption and steam desorption technology to reduce volatile organic compounds (VOCs) emissions
22		Adoption of regenerative thermal oxidation technology to reduce volatile organic compounds (VOCs) emissions
23		Adoption of wet scrubbing and biofiltration technology to reduce volatile organic compounds (VOCs) emissions
25		Adoption of resin adsorption and steam desorption technology to reduce volatile organic compounds (VOCs) emissions
26		Adoption of automatic cleaning system with rubber blanket to reduce volatile organic compounds (VOCs) emissions
27		Adoption of selective non-catalytic reduction (SNCR) nitrogen oxides (NOx) reduction technology to reduce air pollutant emissions
28		Adoption of selective catalytic reduction (SCR) nitrogen oxides (NOx) reduction technology to reduce air pollutant emissions
29		Adoption of electrostatic precipitator and activated carbon adsorption technology to reduce volatile organic compounds (VOCs) emissions
30		Adoption of electrostatic precipitator to reduce volatile organic compounds (VOCs) emissions
31	Energy Saving Technologies	Adoption of central melting furnace and automatic distribution system to save energy
32		Adoption of automatic condensate removal system to save energy
33		Adoption of cold-mixing technology to save energy
34		Adoption of energy optimization system for air conditioner to save energy
35		Adoption of insulation coating to save energy
36		Adoption of vertical feed pellet mill to save energy
37		Adoption of barrel infrared heating system to save energy
38		Adoption of oxygen trim system to save energy
39		Adoption of high-temperature air & liquid multi-flow dyeing machine to save energy
40		Adoption of movable heating plate to save energy
41		Adoption of Assel mill to save energy
42		Adoption of continuous furnace to save energy
43		Adoption of closed circuit cooling technology to save energy
44		Adoption of ultra-violet light-emitting diode (UV-LED) powered printed circuit board (PCB) exposure system to save energy

Item	Category	Name of Technology
45		Adoption of electronic commutated (EC) centrifugal fans to save energy
47		Adoption of heat pump to save energy
48		Adoption of magnetic fuel activator to save energy
49	Effluent Reduction and Control Technologies	Adoption of internal circulation anaerobic reactor to improve wastewater quality
50		Adoption of reverse osmosis (RO) and catalytic wet air oxidation (CWAO) technology to reduce wastewater discharge
51		Adoption of reverse osmosis membrane and bipolar membrane separation technology to reduce wastewater discharge
52		Adoption of open width-type washing machine to save water
53		Adoption of ultra-violet (UV) photocatalytic technology to improve wastewater quality
54		Adoption of inline colorimeter to reduce wastewater discharge
55		Adoption of automatic machine for rice noodle production to reduce wastewater discharge
56		Adoption of low liquor ratio dyeing machine to reduce wastewater discharge
57		Adoption of low-temperature vacuum evaporator to reduce wastewater discharge
58		Adoption of re-utilisation of high density sludge technology to improve wastewater quality
59		Adoption of Integrated Fixed-Film Activated Sludge- Mainstream Anammox (IFAS-MOX) technology to improve wastewater quality.
60		Adoption of air sprayer and automatic sponge absorber technology to reduce wastewater discharge
61		Adoption of vertical continuous graphic electroplating line to reduce wastewater discharge
62		Adoption of high-temperature air & liquid dyeing machine to reduce wastewater discharge
63		Adoption of continuous washing technology to reduce wastewater discharge
64		Adoption of ultrasonic technology to reduce wastewater discharge
65		Adoption of ultrafiltration (UF) membrane, reverse osmosis (RO) and ion exchange technology to improve wastewater quality
66		Adoption of Electro Fenton reaction with membrane bioreactor (MBR) technology to improve wastewater quality
67		Adoption of waste liquid recycling machine to reduce wastewater discharge

Item	Category	Name of Technology
68	Solid Waste Reduction Technologies	Adoption of sludge drying technology to reduce solid waste generation
69		Adoption of digital cutting machine to reduce solid waste generation

The following new clean production technology project has five applications and has been officially de-listed. No further applications for this technology will be accepted.

Item	Category	Name of Technology
8	Air Pollutants Emission Reduction Technologies	Adoption of low nitrogen oxides (NOx) burner to reduce air pollutant emissions
24		Adoption of digital printing machine to reduce volatile organic compounds (VOCs) emissions
46	Energy Saving Technologies	Adoption of double-effect linkage technology of evaporative condenser and pre-cooling evaporator to save energy
70	Solid Waste Reduction Technologies	Adoption of laser direct imaging (LDI) exposure machine to reduce solid waste generation