

Corrections to Project Drawdown Summaries August 2021

The following corrections were incorporated into the Project Drawdown solutions summaries in August 2021. They appear in boldface on the solutions summary and technical summary web pages. If you extracted numbers from the earlier versions of these summaries, please adjust your materials accordingly.

CLIMATE IMPACT

Solution	Variable	Original (Scenario 1–2)	Corrected (Scenario 1–2)
Coastal Wetland Restoration	Total climate impact (GT CO2-eq)	0.99–1.1	0.99–1.01
Plant-Rich Diets	Avoided emission (GT CO2-eq)	43–68	43.01–68.33
Plant-Rich Diets	Avoided emission-deforestation (GT CO2-eq)	21.8–23.5	22.01–23.40
Public Transit	Total climate impact (GT CO2-eq)	7.51–23.36	7.53–23.40
Reduced Food Waste	Total climate impact (GT CO2-eq)	87.45–94.56	90.70–101.71
Reduced Food Waste	Avoided emission (GT CO2-eq)	10.3–18.8	13.6–26.0
Reduced Food Waste	Avoided emission-deforestation (GT CO2-eq)	74.9–76.3	77.1–75.1

FINANCIAL IMPACT

Solution	Variable	Original (Scenario 1–2)	Corrected (Scenario 1–2)
Building Automation (Commercial)	Net first cost (billion US\$)	218.42–294.64	225.23–312.32
Clean Cookstoves	Net first cost (billion US\$)	128.60–264.42	136.46–290.74
Commercial LED	Net first cost (billion US\$)	(–1743.96)–(–2002.01)	(–2359.44)–(–2708.62)
Cool Roofs	Net first cost (billion US\$)	79.47–137.18	80.47–139.22
District Heat	Net first cost (billion US\$)	219.43–328.72	226.82–337.38
Efficient Aviation	Net first cost (billion US\$)	836.04–850.91	863.11–878.14
Efficient Ocean Shipping	Net first cost (billion US\$)	530.05–733.54	532.31–737.74
Efficient Trucks	Net first cost (billion US\$)	486.88–796.94	507.70–851.88
Electric Bicycles	Net first cost (billion US\$)	(–380.3)–(–1154.84)	(–303.69)–(–941.37)
Electric Cars	Net first cost (billion US\$)	4478.11–5793.51	4666.77–6017.67
Electric Trains	Net first cost (billion US\$)	628.19–2890.12	630.54–2975.66
Green Roofs	Net first cost (billion US\$)	544.52–817.54	543.18–815.16
Heat Pumps	Net first cost (billion US\$)	76.67–116.82	77.88–120.12

Solution	Variable	Original (Scenario 1–2)	Corrected (Scenario 1–2)
High Performance Glass (Commercial)	Net first cost (billion US\$)	3210.62–3436.41	3208.19–3433.97
Hybrid Cars	Net first cost (billion US\$)	3412.03–1602.84	3563.27–1707.46
Residential LED	Net first cost (billion US\$)	(–30.42)–(–33.83)	(–109.30)–(–117.31)
Small Biogas	Net first cost (billion US\$)	23.50–49.04	24.72–51.59
Smart Thermostats (Residential)	Net first cost (billion US\$)	155.20–171.84	165.33–185.62
Solar Hot Water	Net first cost (billion US\$)	717.39–2674.60	728.82–2736.14
Telepresence	Net first cost (billion US\$)	86.83–301.11	104.42–365.95
Water Saving (Home–WaSH)	Net first cost (billion US\$)	1.48–2.37	1.51–2.42

ADOPTION

Solution	Variable	Original	Corrected
Methane Digesters	Current adoption (% of generation; TWh)	0.7; 100	0.3; 80
Nuclear Power	Current adoption (% of generation; TWh)	13.2; 6093	10.5; 2750
Nuclear Power	Scenario 1 adoption (% of 2050 electricity generation market share; TWh)	12.2; 6093	13.2; 6093
Perennial Staple Crops	Total adoption (million ha, Scenario 1–2)	601–141	61–141