

* Gigatons CO2 Equivalent
Reduced / Sequestered
(2020–2050)

rang(+ 2°C)	rang(+ 1,5°C)	SOLUTION	SECTOR(S)	+2°C en 2100	+1,5°C en 2100	effort(+2°C)	effort(+1,5°C)
6	1	Onshore Wind Turbines	Electricity	47,21	147,72	4,73%	9,37%
8	2	Utility-Scale Solar Photovoltaics	Electricity	42,32	119,13	4,24%	7,56%
1	3	Reduced Food Waste	Food, Agriculture, and Land Use / Land Sinks	87,45	94,56	8,77%	6,00%
3	4	Plant-Rich Diets	Food, Agriculture, and Land Use / Land Sinks	65,01	91,72	6,52%	5,82%
2	5	Health and Education	Health and Education	85,42	85,42	8,57%	5,42%
5	6	Tropical Forest Restoration	Land Sinks	54,45	85,14	5,46%	5,40%
9	7	Improved Clean Cookstoves	Buildings	31,34	72,65	3,14%	4,61%
10	8	Distributed Solar Photovoltaics	Electricity	27,98	68,64	2,81%	4,35%
4	9	Refrigerant Management	Industry / Buildings	57,75	57,75	5,79%	3,66%
7	10	Alternative Refrigerants	Industry / Buildings	43,53	50,53	4,37%	3,21%
11	11	Silvopasture	Land Sinks	26,58	42,31	2,67%	2,68%
12	12	Peatland Protection and Rewetting	Food, Agriculture, and Land Use / Land Sinks	26,03	41,93	2,61%	2,66%
13	13	Tree Plantations (on Degraded Land)	Land Sinks	22,24	35,94	2,23%	2,28%
19	14	Perennial Staple Crops	Land Sinks	15,45	31,26	1,55%	1,98%
14	15	Temperate Forest Restoration	Land Sinks	19,42	27,85	1,95%	1,77%
17	16	Managed Grazing	Land Sinks	16,42	26,01	1,65%	1,65%
20	17	Tree Intercropping	Land Sinks	15,03	24,4	1,51%	1,55%
15	18	Concentrated Solar Power	Electricity	18,6	23,96	1,87%	1,52%
35	19	Public Transit	Transportation	7,51	23,36	0,75%	1,48%
21	20	Regenerative Annual Cropping	Food, Agriculture, and Land Use / Land Sinks	14,52	22,27	1,46%	1,41%
31	21	Bamboo Production	Land Sinks	8,27	21,31	0,83%	1,35%
25	22	Multistrata Agroforestry	Land Sinks	11,3	20,4	1,13%	1,29%
23	23	Abandoned Farmland Restoration	Land Sinks	12,48	20,32	1,25%	1,29%
16	24	Insulation	Electricity / Buildings	16,97	19,01	1,70%	1,21%
18	25	LED Lighting	Electricity	16,07	17,53	1,61%	1,11%
32	26	Alternative Cement	Industry	7,98	16,1	0,80%	1,02%
24	27	Electric Cars	Transportation	11,87	15,68	1,19%	0,99%
48	28	Solar Hot Water	Electricity / Buildings	3,59	14,29	0,36%	0,91%
29	29	Improved Rice Production	Food, Agriculture, and Land Use / Land Sinks	9,44	13,82	0,95%	0,88%
30	30	Indigenous Peoples' Forest Tenure	Food, Agriculture, and Land Use / Land Sinks	8,69	12,93	0,87%	0,82%
27	31	High-Performance Glass	Electricity / Buildings	10,04	12,63	1,01%	0,80%
54	32	Nutrient Management	Food, Agriculture, and Land Use	2,34	12,06	0,23%	0,77%
26	33	Offshore Wind Turbines	Electricity	10,44	11,42	1,05%	0,72%
37	34	Building Automation Systems	Electricity / Buildings	6,47	10,48	0,65%	0,66%
38	35	District Heating	Electricity / Buildings	6,28	9,85	0,63%	0,62%
40	36	Geothermal Power	Electricity	6,19	9,85	0,62%	0,62%
44	37	Efficient Trucks	Transportation	4,61	9,71	0,46%	0,62%
43	38	Biogas for Cooking	Buildings	4,65	9,7	0,47%	0,62%
22	39	Conservation Agriculture	Food, Agriculture, and Land Use / Land Sinks	13,4	9,43	1,34%	0,60%
46	40	High-Efficiency Heat Pumps	Electricity / Buildings	4,16	9,29	0,42%	0,59%
39	41	Efficient Aviation	Transportation	6,27	9,18	0,63%	0,58%
41	42	Forest Protection	Food, Agriculture, and Land Use / Land Sinks	5,52	8,75	0,55%	0,56%
36	43	Smart Thermostats	Electricity / Buildings	6,99	7,4	0,70%	0,47%
47	44	Perennial Biomass Production	Land Sinks	4	7,04	0,40%	0,45%
52	45	Bicycle Infrastructure	Transportation	2,56	6,65	0,26%	0,42%
45	46	Efficient Ocean Shipping	Transportation	4,4	6,3	0,44%	0,40%

28	47	Methane Digesters	Electricity / Industry	9,83	6,18	0,99%	0,39%
42	48	Recycling	Industry	5,5	6,02	0,55%	0,38%
60	49	Walkable Cities	Transportation	1,44	5,45	0,14%	0,35%
33	50	Hybrid Cars	Transportation	7,89	4,63	0,79%	0,29%
55	51	Biochar Production	Engineered Sinks	2,22	4,39	0,22%	0,28%
50	52	System of Rice Intensification	Food, Agriculture, and Land Use / Land Sinks	2,78	4,26	0,28%	0,27%
49	53	Grassland Protection	Food, Agriculture, and Land Use / Land Sinks	3,35	4,25	0,34%	0,27%
34	54	Carpooling	Transportation	7,7	4,17	0,77%	0,26%
63	55	Electric Bicycles	Transportation	1,31	4,07	0,13%	0,26%
67	57	Telepresence	Transportation	1,05	3,8	0,11%	0,24%
69	56	Bioplastics	Industry	0,96	3,8	0,10%	0,24%
64	58	High-Speed Rail	Transportation	1,3	3,77	0,13%	0,24%
53	59	Biomass Power	Electricity	2,52	3,57	0,25%	0,23%
59	60	Small Hydropower	Electricity	1,69	3,28	0,17%	0,21%
51	61	Nuclear Power	Electricity	2,65	3,23	0,27%	0,20%
57	62	Composting	Industry	2,14	3,13	0,21%	0,20%
58	63	Waste-to-Energy	Electricity / Industry	2,04	3	0,20%	0,19%
65	64	Farm Irrigation Efficiency	Food, Agriculture, and Land Use	1,13	2,07	0,11%	0,13%
66	65	Recycled Paper	Industry	1,1	1,95	0,11%	0,12%
70	66	Low-Flow Fixtures	Electricity / Buildings	0,91	1,56	0,09%	0,10%
68	67	Coastal Wetland Protection	Food, Agriculture, and Land Use / Coastal and Ocean Sinks	0,99	1,45	0,10%	0,09%
61	68	Ocean Power	Electricity	1,38	1,38	0,14%	0,09%
73	69	Green and Cool Roofs	Electricity / Buildings	0,6	1,1	0,06%	0,07%
71	70	Coastal Wetland Restoration	Coastal and Ocean Sinks	0,77	1,01	0,08%	0,06%
72	71	Water Distribution Efficiency	Electricity	0,66	0,94	0,07%	0,06%
62	72	Sustainable Intensification for Smallholders	Food, Agriculture, and Land Use / Land Sinks	1,36	0,68	0,14%	0,04%
75	73	Electric Trains	Transportation	0,1	0,65	0,01%	0,04%
74	74	Dynamic Glass	Electricity / Buildings	0,29	0,47	0,03%	0,03%
76	75	Micro Wind Turbines	Electricity	0,09	0,13	0,01%	0,01%
56	82	Landfill Methane Capture	Electricity / Industry	2,18	-1,6		
77	76	Building Retrofitting	Electricity / Buildings				
78	77	Net-Zero Buildings	Electricity / Buildings				
79	78	Grid Flexibility	Electricity				
80	79	Microgrids	Electricity				
81	80	Distributed Energy Storage	Electricity				
82	81	Utility-Scale Energy Storage	Electricity				
EFFORT TOTAL				997,17	1576,47		