

WIPO GREEN 技術ニーズ情報(農業技術・水処理技術:エチオピア、ケニア、タンザニア)

No.	Country	Company	Title/Technology Need	Comments	Category	Sub Category	Link	Funding Needed
1	Kenya	NAIROBI WATER AND SEWERAGE COMPANY	Adoption of New water treatment Technologies through use of Polyaluminium Chloride in water treatment.		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=A	yes
2	Kenya	KWALE WATER AND SEWERAGE COMPANY LIMITED	Employing green energy in operating pumps to cut on power consumption		Energy	Solar	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=E	yes
3	Kenya	KWALE WATER AND SEWERAGE COMPANY LIMITED	Procure and install smart meters to all customers		Water	Water efficiency	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=s	yes
4	Kenya	Happy Cow	Borehole water containing high levels of turbidity,bicarbonate, flouride, pH and iron		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	yes
5	Ethiopia	African Agricultural Technology Foundation	Affordable Drip Irrigation Technologies		Water	Water efficiency	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=A	yes
6	Ethiopia	African Agricultural Technology Foundation	Access to water-Borehole drilling technologies.		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=A	yes
7	Ethiopia	African Agricultural Technology Foundation	Water Turbidity		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=	yes
8	Ethiopia	African Agricultural Technology Foundation	Water harvesting and storage technologies		Water	Water Storage	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=	yes
9	Ethiopia	African Agricultural Technology Foundation	Soil degradation in the uplands		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=S	yes
10	Tanzania	African Agricultural Technology Foundation	Lack of rain water harvesting and storage technologies		Water	Water Storage	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=L	
11	Tanzania	African Agricultural Technology Foundation	Long term water saving techniques		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=L	
12	Tanzania	African Agricultural Technology Foundation	Irrigation technologies appropriate for small farms		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=lr	
13	Tanzania	African Agricultural Technology Foundation	Water Salinity-Desalination of Water		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=	
14	Tanzania	African Agricultural Technology Foundation	Accessing ground water-Borehole Drilling technologies and related infrastructure		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=A	
15	Tanzania	African Agricultural Technology Foundation	Assessing the available ground water/ renewing the available ground water		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=A	
16	Tanzania	African Agricultural Technology Foundation	Need for drought resistant crops and livestock breeds		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=N	
17	Tanzania	African Agricultural Technology Foundation	Environmental friendly greenhouse farming		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=E	
18	Tanzania	African Agricultural Technology Foundation	Waste water recycling and management		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=	
19	Tanzania	African Agricultural Technology Foundation	Improving Water Quality		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=i	
20	Tanzania	African Agricultural Technology Foundation	Lack of efficient, affordable and environmental friendly water distribution channels		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=L	
21	Tanzania	African Agricultural Technology Foundation	Conservation agriculture to conserve water and soil in agriculture.		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=C	
22	Tanzania	African Agricultural Technology Foundation	Lack of environmental friendly farm inputs such as pesticides and fertilizers'		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=L	
23	Tanzania	African Agricultural Technology Foundation	Eliminating the invasive water hyacinth		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=E	
24	Tanzania	African Agricultural Technology Foundation	Soil degradation/ soil erosion and soil fertility depletion		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=S	
25	Kenya	KWALE WATER AND SEWERAGE COMPANY LIMITED	Improve on storage reservoirs so that there is adequate storage which will in turn minimize the pumping hours.		Energy	Solar	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=k	yes
26	Kenya	KWALE WATER AND SEWERAGE COMPANY LIMITED	Conduct an energy audit so that the green energy and other energy sources are used efficiently.		Energy	Solar	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=k	yes
27	Kenya	KWALE WATER AND SEWERAGE COMPANY LIMITED	Network reticulation improvement which will help in making efficient use of the pumped water.		Energy	Solar	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=k	yes
28	Kenya	KWALE WATER AND SEWERAGE COMPANY LIMITED	Employing GPS attached to leaky detection equipment for quick detection of leaks and remedy thereafter		Water	Water Storage	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=k	yes
29	Kenya	NAIROBI WATER AND SEWERAGE COMPANY	Segregating the Sludge from disinfection and pH-correction processes so that it is not discharged into the stream.		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=sl	yes
30	Kenya	NAIROBI WATER AND SEWERAGE COMPANY	Covering the open channel chutes will reinforced slabs or walls		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=sl	yes
31	Kenya	OLKERI Water Project, Ngong	Water treatment to make it safe for drinking.		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ol	
32	Kenya	FuturePump Limited	Installation of a smart metering device connected to a solar panel for water pumping reasons	This need can be uploaded.	Other Areas	Other Areas	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=f	
33	Kenya	Kitui County Farmers	a low cost water pump that runs on bio-diesel	Who is the seeker?	Energy	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ki	
34	Kenya	NAIROBI WATER AND SEWERAGE COMPANY	Generation of Hydro Electric Power using in-pipe turbines	This need can be uploaded.	Energy	Hydro	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=in	
35	Kenya	OLKERI Water Project, Ngong	Technology to address water hardness; tests: water pumps	This need can be uploaded.	Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ol	
36	Kenya	KWALE WATER AND SEWERAGE COMPANY LIMITED	Environment friendly desalination technology – like a solar powered membrane desalination processes, or solar distillation	This need can be uploaded.	Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=k	
37	Kenya	THIWASCO	install a solar mini grid in the WTP to power the 8 pumps so as to reduce operational costs	This need can be uploaded. On p.3 question 9, it says that there is a financial restriction because WTP is not involved in decision-making. What are the financial implications?	Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=thiwasco&type=all&id=NGREEN3500	
38	Kenya	EDEN MILLERS LIMITED	establish a dedicated Floating Fish Feed pellet Mill to take advantage of high local demand and reduce product cost of Fish feeds	Is this really a need for a green technology? Can the benefits of pellets over mash be quantified?	Farming and Forestry	Livestock & Fisheries	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=eden&type=all&id=NGREEN3840	

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39	Kenya	THIWASCO	install a pre – sedimentation / de silting tank in the WTP within the existing pump house reservoirs before coagulation and flocculation to remove excess silt/grit from the river water	This need can be uploaded. On p.4 question 9, it says that there is a financial restriction because WTP is not involved in decision-making. What are the financial implications?	Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=thiwasco&type=all&id=NGREEN3480	
40	Kenya	AfricaAqua	Water quality treatment equipment (solar driven), • Mobile real-time water quality monitoring systems, equipment and digital water meters. • Distribution network mapping and monitoring use of GPS and Google systems to map consumption patterns and support predictions.	This need can be uploaded. Is the water sold or distributed for free? What does "KEB" (p.4, q.10) stand for?	Water	Water treatment & Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=africaaqua&type=all&id=NGREEN3780	
41	Kenya	KCIC	Production process of iodized salt (concentration of salt crystals)		Farming & Forestry	Food Processing	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
42	Kenya	ELERE	Fish feed manufacturing unit for pelletizing fish feed		Farming & Forestry	Livestock & Fisheries	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
43	Kenya	KCIC	Manufacture of green fertiliser from human waste using herbal based biodegradable disinfectant		Farming & Forestry	Alternative to chemical pesticides/insecticides/fertilizers	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
44	Kenya	KCIC	Curing and drying of turmeric using fuelwood (absence of alternative energy source)		Energy	Solar	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
45	Kenya	Apinec Agro-Industry PLC	Shortage of bee colony limiting production of honey and other bee products		Farming & Forestry	other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
46	Kenya	KCIC	Mechanical weed controller for coffee (as opposed to chemical fertilizer); access to electricity		Farming & Forestry, Energy	Alternative to chemical pesticides/insecticides/fertilizers, Waste to Energy, Solar	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&type=need&id=NGREEN2440	
47	Ethiopia	Javi International Consulting PLC	Sachet filling machine and cold storage facilities		Chemicals & Advanced Materials	Packaging materials & fabric	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
48	Ethiopia	Merin Agribusiness Enterprise	Animal feed production from crop residues, and fruits and vegetables byproducts		Farming & Forestry	Livestock & fisheries	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
49	Ethiopia	Javi International Consulting PLC	Improved battery to overcome power cut		Energy	Energy Efficiency	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
50	Ethiopia	Javi International Consulting PLC	Mechanization of the mushroom farm		Farming & Forestry	Farming Techniques	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
51	Ethiopia	Javi International Consulting PLC	Compost preparation from flower cuts; Production of inoculants at smallholders level		Farming & Forestry	Soil Improvement	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
52	Ethiopia	ELELE	Pelletize Fish Feed Production		Farming & Forestry	Livestock & fisheries	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
53	Ethiopia	Javi International Consulting PLC	Low cost queen bee rearing; queen bee rearing ranch development		Energy, Farming & Forestry	Solar/Livestock and fisheries	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
54	Ethiopia	Javi International Consulting PLC	Eco friendly mechanical weeding system		Farming & Forestry	Alternative to chemical pesticides/insecticides/fertilizers	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
55	Ethiopia	MG Greeninnovations	Solar bottle bulb unit production; Biodegradable seed strips		Energy	Energy Storage & Biomass/Bioenergy	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
56	Ethiopia	Javi International Consulting PLC	Turmeric Solar drier and Steam curing machine; briquette making		Energy	Solar	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=ja	
57	Ethiopia	Ethiopian Institute of Agricultural Research (EIAR)	Aquaculture Technologies-Fish farming in Ethiopia		water	other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=african&type=all&id=NGREEN3624	
58	Tanzania	AATF	Sea Weed Farming		water	Water efficiency	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=a	
59	Kenya	KCIC	Nyangorora's technical challenge is not having enough machinery.		Farming & Forestry	Food processing	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
60	Kenya	KCIC	Aviva Nest Co. needs to process Nerica paddy rice, nerica by-product and waste.		Farming & Forestry	Drought/Water resistant cultivation	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
61	Kenya	KCIC	Hydroponics System for barley fodder		Farming & Forestry	Food production	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
62	Kenya	KCIC	Limited access (less operating hours, small geographical coverage) to cleanwater in slums		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
63	Kenya	KCIC	Lack of a motion weighing scale that measures fields' weight of animals and hides database		Farming & Forestry	Livestock & fisheries	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
64	Kenya	KCIC	Our operations are mostly manual operations, and because of that efficiency and quality is not		Farming & Forestry	Farming techniques	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
65	Kenya	KCIC	Removing turbidity and other contaminants (arsenic, fluoride etc) from drinking water.		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
66	Kenya	KCIC	Manure pellets to correct replenished soils		Farming & Forestry	Alternative to chemical pesticides/insecticides/fertilizers	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
67	Kenya	KCIC	Strawberries are highly perishable and only remain fresh for 4-5 days after harvesting.		Farming & Forestry	Food processing	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
68	Kenya	KCIC	Discharging chemical waste into the community farms and streams around the water treatment plan		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
69	Kenya	KCIC	Unsustainable use of water at the hospital's laundry department		water	water efficiency	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
70	Kenya	KCIC	Alternative clean water from the one provided for by the county government.		Other Areas	Other Areas	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
71	Kenya	KCIC	Unsustainable water use that leads to high operating costs incurred by the hospital unit especial		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
72	Kenya	KCIC	Unsustainable water use that leads to high operating costs for the hospital's washrooms.		Water	Other	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
73	Kenya	KCIC	Pumping the ground water		water	water production	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
74	Kenya	KCIC	Data collection, data processing and land surveying.		water	water production	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
75	Kenya	KCIC	Northern Kenya has arsenic in drinking water sourced from dug wells in Wajir, Garissa, and Mander		Water	Water treatment	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	
76	Kenya	KCIC	Manual processing and value addition of roselle juice		Farming & Forestry	Storage	https://www3.wipo.int/wipogreen-database/SearchDetailPage.htm?query=&	