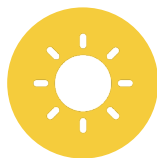


Potential Impacts of Solar Cooking in Afghanistan

Current Situation

30,773

solar cookers identified by SCI.



26.9 million people or 63.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



24,889

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,256,781

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 544.8 million

could be **potentially saved per year** in reduced environmental and health-related costs in Afghanistan.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



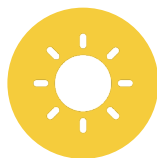
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Albania

Current Situation

0
solar cookers
identified by
SCI.



422,880 people
or **15.4% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



2,028
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



47,734
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 1.31 billion
could be **potentially saved per year** in
reduced environmental and health-related
costs in Albania.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

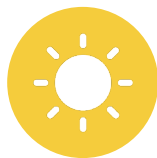
SCI requests that any users of
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other sources as appropriate.

Potential Impacts of Solar Cooking in Algeria

Current Situation

79

solar cookers identified by SCI.



136,819 people or 0.3% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



667

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



10,401

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 247.4 million

could be **potentially saved per year** in reduced environmental and health-related costs in Algeria.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

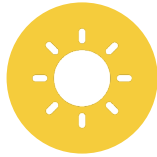
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Angola

Current Situation

20

solar cookers identified by SCI.



18.3 million people or 50% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



13,761

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,423,423

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 2.1 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Angola.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

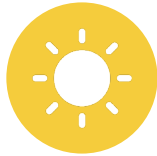
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Argentina

Current Situation

3,731

solar cookers identified by SCI.



46,655 people or 0.1% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



849

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



5,793

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 990.5 million

could be **potentially saved per year** in reduced environmental and health-related costs in Argentina.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

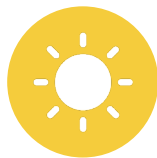
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Armenia

Current Situation

20

solar cookers identified by SCI.



58,337 people or **2.1%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



280

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



6,209

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 190 million

could be **potentially saved per year** in reduced environmental and health-related costs in Armenia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



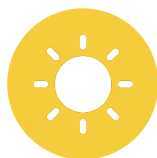
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Azerbaijan

Current Situation

0
solar cookers
identified by
SCI.



151,688 people
or **1.5%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



1,297
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



12,283
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 693.3 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Azerbaijan.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

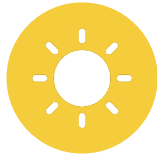
SCI requests that any users of
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other sources as appropriate.

Potential Impacts of Solar Cooking in Bangladesh

Current Situation

60

solar cookers identified by SCI.



124 million people or **72% of the total population**



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



117,205

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



10,787,523

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 19.54 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Bangladesh.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



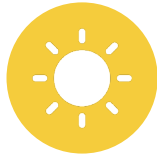
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Belarus

Current Situation

0
solar cookers
identified by
SCI.



27,535 people
or **0.3%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



505
people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



4,662
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 300.6 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Belarus.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



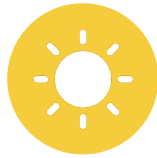
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Belize

Current Situation

0
solar cookers
identified by
SCI.



71,894 people
or **17.5% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



58
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



7,048
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 36.3 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Belize.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



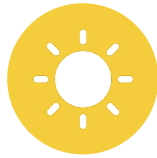
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Benin

Current Situation

0
solar cookers
identified by
SCI.



12.9 million people
or **94% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



9,648
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



923,374
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 885.1 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Benin.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



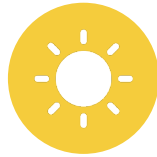
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
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other sources as appropriate.

Potential Impacts of Solar Cooking in Bhutan

Current Situation

0
solar cookers
identified by
SCI.



94,491 people
or **12% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



278
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



7,652
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 68.4 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Bhutan.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

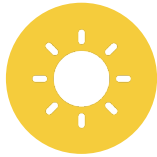
SCI requests that any users of
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other sources as appropriate.

Potential Impacts of Solar Cooking in Bolivia

Current Situation

13,820

solar cookers identified by SCI.



1.3 million people or 10.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



3,159

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



143,716

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 784.9 million

could be **potentially saved per year** in reduced environmental and health-related costs in Bolivia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



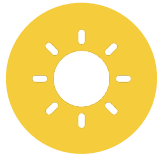
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Bosnia and Herzegovina

Current Situation

0 solar cookers identified by SCI.



1.89 million people or **58.9%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



4,993 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



201,277 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 3.23 billion could be **potentially saved per year** in reduced environmental and health-related costs in Bosnia and Herzegovina.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



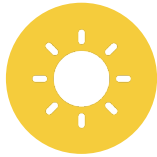
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Botswana

Current Situation

0
solar cookers
identified by
SCI.



909,620 people
or **34% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



1,291
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



96,810
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 713.6 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Botswana.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



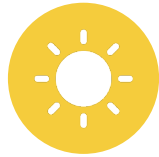
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Brazil

Current Situation

0
solar cookers
identified by
SCI.



7.5 million people
or **3.5% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



16,962
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



855,033
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 13.71 billion
could be **potentially saved per year** in
reduced environmental and health-related
costs in Brazil.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

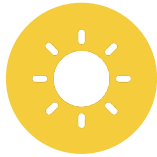
SCI requests that any users of
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other sources as appropriate.

Potential Impacts of Solar Cooking in Burkina Faso

Current Situation

1,069

solar cookers identified by SCI.



19.2 million people or 82.8% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



13,291

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,215,501

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 749.1 million

could be **potentially saved per year** in reduced environmental and health-related costs in Burkina Faso.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

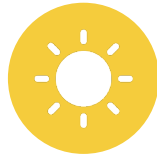
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Burundi

Current Situation

188

solar cookers identified by SCI.



13.2 million people or 99.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



7,626

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,026,340

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 207.8 million

could be **potentially saved per year** in reduced environmental and health-related costs in Burundi.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



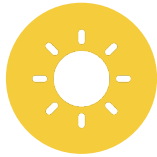
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Cabo Verde

Current Situation

0 solar cookers identified by SCI.



101,776 people or 17% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



156

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



metric tons of carbon dioxide emissions could be prevented annually, and,



USD 45.4 million

could be **potentially saved per year** in reduced environmental and health-related costs in Cabo Verde.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

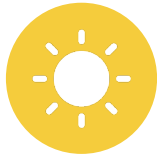
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Cambodia

Current Situation

32

solar cookers identified by SCI.



7.8 million people or 46.5% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



11,693

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



638,056

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.34 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Cambodia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

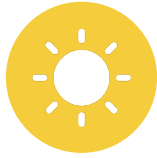
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Cameroon

Current Situation

280

solar cookers identified by SCI.



20.2 million people or 70.6% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



16,969

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,506,762

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.8 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Cameroon.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



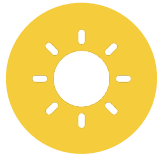
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in the Central African Republic (CAR)

Current Situation

0
solar cookers
identified by
SCI.



5.6 million people
or **99%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



5,564
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



378,147
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 162 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in the CAR.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

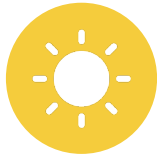
SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Chad

Current Situation

152,160

solar cookers identified by SCI.



16.5 million people or 90.5% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



14,127

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,026,989

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 630.8 million

could be **potentially saved per year** in reduced environmental and health-related costs in Chad.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



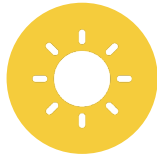
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in China

Current Situation

2,498,692
solar cookers
identified by
SCI.



172 million people
or **12.2%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



727,845
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



18,855,799
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 769.14 billion
could be **potentially saved** per year in
reduced environmental and health-related
costs in China.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



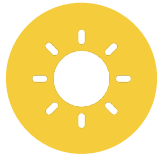
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Colombia

Current Situation

0
solar cookers
identified by
SCI.



3.3 million people
or **6.4%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



4,935
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



354,774
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 2.6 billion
could be **potentially saved per year** in
reduced environmental and health-related
costs in Colombia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



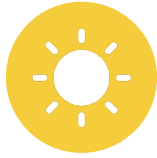
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Comoros

Current Situation

0
solar cookers
identified by
SCI.



770,276 people
or **90.4%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



576

people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



51,135

metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 58.3 million

could be **potentially saved per year** in
reduced environmental and health-related
costs in Comoros.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

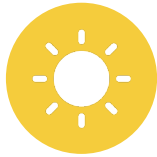
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Potential Impacts of Solar Cooking in the Democratic Republic of Congo (DRC)

Current Situation

310

solar cookers identified by SCI.



97.8 million people or **95.7%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



71,985

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



7,010,558

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 3.19 billion

could be **potentially saved per year** in reduced environmental and health-related costs in the DRC.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



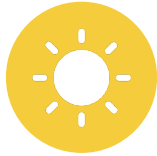
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in the Republic of Congo

Current Situation

0
solar cookers
identified by
SCI.



3.6 million people
or **60.4%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



2,790
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



326,868
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 471.5 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in the Republic of Congo.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



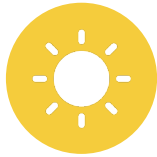
Photo credits: SCI Collaborators
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other sources as appropriate.

Potential Impacts of Solar Cooking in Costa Rica

Current Situation

17
solar cookers
identified by
SCI.



187,638 people
or **3.6%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



223
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



21,842
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 329.5 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Costa Rica.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



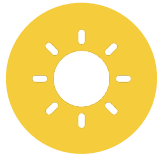
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Eco-Impact Hub CBO

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other sources as appropriate.

Potential Impacts of Solar Cooking in Côte d'Ivoire

Current Situation

6 solar cookers identified by SCI.



16.5 million people or **57.4%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



16,210

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,342,063

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 2.91 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Côte d'Ivoire.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

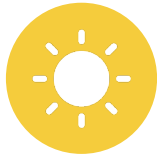
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Cuba

Current Situation

250

solar cookers identified by SCI.



593,306 people or 5.3% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



2,812

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



81,854

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 2.11 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Cuba.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



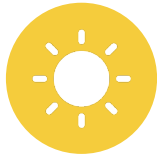
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Djibouti

Current Situation

0
solar cookers
identified by
SCI.



1 million people
or **89.7%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



874
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



64,360
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 214.3 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Djibouti.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

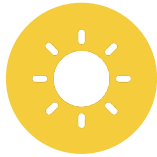
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Potential Impacts of Solar Cooking in the Dominican Republic

Current Situation

237

solar cookers identified by SCI.



815,974 people or 7.2% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



1,636

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



98,048

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.43 billion

could be **potentially saved per year** in reduced environmental and health-related costs in the Dominican Republic.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

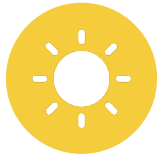
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Ecuador

Current Situation

1,230

solar cookers identified by SCI.



1 million people or 5.5% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



1,073

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



98,073

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 527.5 million

could be **potentially saved per year** in reduced environmental and health-related costs in Ecuador.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



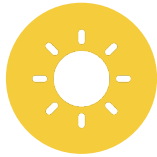
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Egypt

Current Situation

1
solar cookers
identified by
SCI.



112,717 people
or **0.1%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



976
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



10,241
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 223.1 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Egypt.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



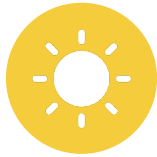
Photo credits: SCI Collaborators
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other sources as appropriate.

Potential Impacts of Solar Cooking in El Salvador

Current Situation

10
solar cookers
identified by
SCI.



394,626 people
or **6.2%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



829
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



37,692
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 317 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in El Salvador.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



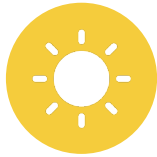
Photo credits: SCI Collaborators
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Eco-Impact Hub CBO

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this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Equatorial Guinea

Current Situation

0 solar cookers identified by SCI.



1.3 million people or **78.1%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



759

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



94,120

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 412.6 million

could be **potentially saved per year** in reduced environmental and health-related costs in Equatorial Guinea.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

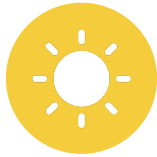
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Eritrea

Current Situation

801

solar cookers identified by SCI.



3.3 million people or **89.5%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



3,766

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



197,759

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 125.1 million

could be **potentially saved per year** in reduced environmental and health-related costs in Eritrea.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



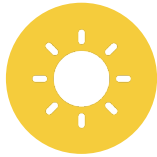
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Eswatini

Current Situation

5 solar cookers identified by SCI.



618,730 people or **51.1%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



787 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



57,619 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 204.7 million could be **potentially saved per year** in reduced environmental and health-related costs in Eswatini.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

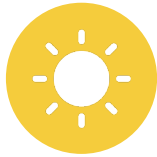
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Ethiopia

Current Situation

7,567

solar cookers identified by SCI.



115 million people or **91.2%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



63,027

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



9,145,484

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 5.67 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Ethiopia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



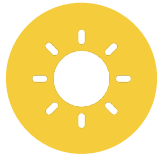
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Fiji

Current Situation

3 solar cookers identified by SCI.



411,069 people or 43.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



589 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



33,288 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 252.5 million could be **potentially saved per year** in reduced environmental and health-related costs in Fiji.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



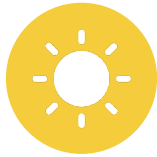
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Gabon

Current Situation

0
solar cookers
identified by
SCI.



221,728 people
or **9.1%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



329
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



20,145
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 216.2 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Gabon.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



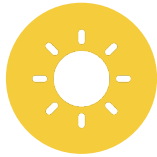
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other sources as appropriate.

Potential Impacts of Solar Cooking in Georgia

Current Situation

0
solar cookers
identified by
SCI.



293,308 people
or **7.8%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



2,151
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



32,135
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 1.33 billion
could be **potentially saved** per year in
reduced environmental and health-related
costs in Georgia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

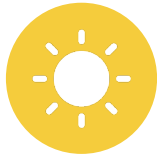
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Potential Impacts of Solar Cooking in Ghana

Current Situation

616

solar cookers identified by SCI.



23.5 million people or 69% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



18,881

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



2,307,948

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 2.83 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Ghana.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



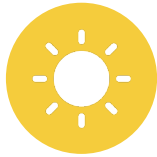
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Grenada

Current Situation

0
solar cookers
identified by
SCI.



19,180 people
or **15.2%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



27
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 22.7 million

could be **potentially saved per year** in
reduced environmental and health-related
costs in Grenada.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

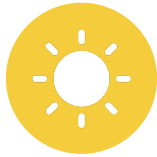
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Potential Impacts of Solar Cooking in Guatemala

Current Situation

60

solar cookers identified by SCI.



9.4 million people or **53.8%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



7,460

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



734,920

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 3.19 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Guatemala.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

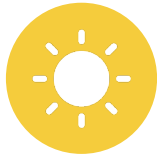
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Guinea

Current Situation

1,222

solar cookers identified by SCI.



14 million people or **98.9%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



11,331

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



816,853

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.17 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Guinea.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



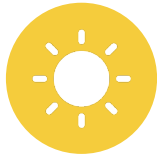
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Guinea-Bissau

Current Situation

1 solar cookers identified by SCI.



2.1 million people or **99.1%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



1,425 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



116,761 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 81.6 million could be **potentially saved per year** in reduced environmental and health-related costs in Guinea-Bissau.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



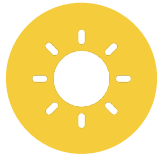
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Guyana

Current Situation

0 solar cookers identified by SCI.



0 people or **0%** of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



345 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



0 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 827.9 million could be **potentially saved per year** in reduced environmental and health-related costs in Guyana.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

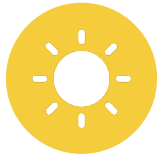
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Haiti

Current Situation

4,613

solar cookers identified by SCI.



11 million people or **95.5%** of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



13,323

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



969,986

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.4 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Haiti.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



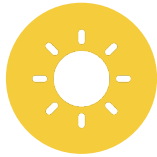
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Honduras

Current Situation

1
solar cookers
identified by
SCI.



5.2 million people
or **49.9%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



4,740
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



504,910
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 1.05 billion
could be **potentially saved** per year in
reduced environmental and health-related
costs in Honduras.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

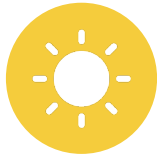
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Potential Impacts of Solar Cooking in India

Current Situation

855,632

solar cookers identified by SCI.



364 million people or **25.5%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



811,262

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



30,841,311

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 126.16 billion

could be **potentially saved per year** in reduced environmental and health-related costs in India.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

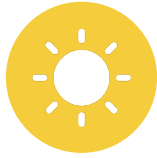
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Indonesia

Current Situation

845

solar cookers identified by SCI.



30.2 million people or 10.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



92,898

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



2,889,379

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 32.19 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Indonesia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

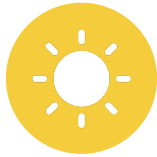
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Iran

Current Situation

1,028

solar cookers identified by SCI.



3.7 million people or 4.2% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



5,890

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



398,602

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.86 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Iran.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



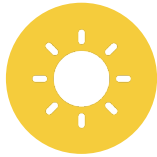
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Iraq

Current Situation

0
solar cookers
identified by
SCI.



273,027 people
or **0.6%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



730
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



15,891
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 287 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Iraq.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

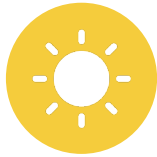
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Potential Impacts of Solar Cooking in Jamaica

Current Situation

71

solar cookers identified by SCI.



768,548 people or **27.2%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



560

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



92,350

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 298.3 million

could be **potentially saved per year** in reduced environmental and health-related costs in Jamaica.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

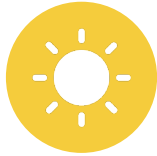
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Jordan

Current Situation

14

solar cookers identified by SCI.



22,674 people or 0.2% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



51

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,794

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 15.7 million

could be **potentially saved per year** in reduced environmental and health-related costs in Jordan.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



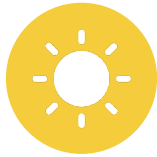
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Kazakhstan

Current Situation

0
solar cookers
identified by
SCI.



1.3 million people
or **6.9%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



3,417
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



150,437
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 3.79 billion
could be **potentially saved per year** in
reduced environmental and health-related
costs in Kazakhstan.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

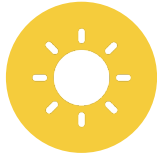
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Potential Impacts of Solar Cooking in Kenya

Current Situation

25,076

solar cookers identified by SCI.



38.5 million people or 70% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



22,283

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



3,780,915

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 3.05 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Kenya.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



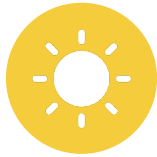
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Kiribati

Current Situation

0 solar cookers identified by SCI.



113,755 people or **85.2%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



156 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



7,182 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 20 million could be **potentially saved per year** in reduced environmental and health-related costs in Kiribati.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



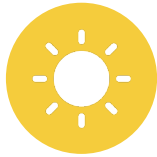
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in North Korea

Current Situation

0
solar cookers
identified by
SCI.



22.5 million people
or **86.1%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



50,143

people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



2,151,375

metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 319.5 million

could be **potentially saved per year** in
reduced environmental and health-related
costs in North Korea.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



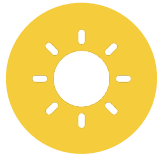
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
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other sources as appropriate.

Potential Impacts of Solar Cooking in Kyrgyzstan

Current Situation

0
solar cookers
identified by
SCI.



1.6 million people
or **23% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



1,862
people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



148,381
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 233.2 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Kyrgyzstan.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



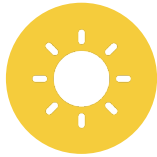
Photo credits: SCI Collaborators
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this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Laos

Current Situation

0
solar cookers
identified by
SCI.



6.8 million people
or **89.8%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



6,054
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



543,306
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 811.6 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Laos.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

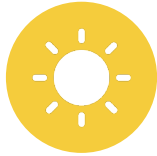
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Potential Impacts of Solar Cooking in Lesotho

Current Situation

466

solar cookers identified by SCI.



1.3 million people or **58.5%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



3,229

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



137,245

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 159.2 million

could be **potentially saved per year** in reduced environmental and health-related costs in Lesotho.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



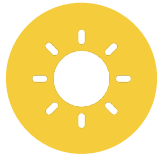
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Liberia

Current Situation

0
solar cookers
identified by
SCI.



5.3 million people
or **99.2%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



2,940
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



435,261
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 177.6 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Liberia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

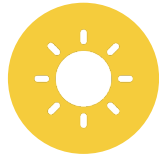
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Potential Impacts of Solar Cooking in Madagascar

Current Situation

15,482

solar cookers identified by SCI.



29.8 million people or 98.5% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



21,345

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



2,472,642

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 866.6 million

could be **potentially saved per year** in reduced environmental and health-related costs in Madagascar.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

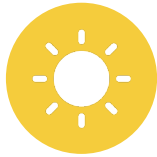
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Potential Impacts of Solar Cooking in Malawi

Current Situation

315

solar cookers identified by SCI.



20.6 million people or **98.6%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



8,822

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits



1,787,888

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 541.2 million

could be **potentially saved per year** in reduced environmental and health-related costs in Malawi.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



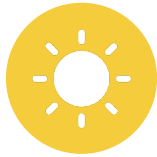
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Malaysia

Current Situation

0
solar cookers
identified by
SCI.



5.4 million people
or **15.9%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



4,476
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



441,741
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 4.34 billion
could be **potentially saved per year** in
reduced environmental and health-related
costs in Malaysia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



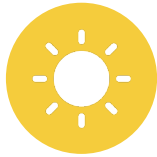
Photo credits: SCI Collaborators
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Eco-Impact Hub CBO

SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Maldives

Current Situation

0
solar cookers
identified by
SCI.



1,563 people
or **0.3%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



8
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



108
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 8.48 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Maldives.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

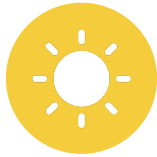
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Potential Impacts of Solar Cooking in Mali

Current Situation

5,258

solar cookers identified by SCI.



23 million people or 98.8% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



11,859

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,478,065

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 743.1 million

could be **potentially saved per year** in reduced environmental and health-related costs in Mali.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



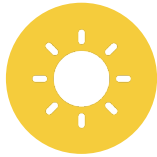
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SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Mauritania

Current Situation

0
solar cookers
identified by
SCI.



2.4 million people
or **51.1%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



1,896
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



159,596
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 262.4 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Mauritania.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



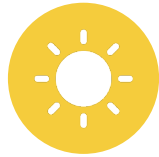
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Mauritius

Current Situation

3 solar cookers identified by SCI.



12,610 people or 1% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



136 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,342 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 127.2 million could be **potentially saved per year** in reduced environmental and health-related costs in Mauritius.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

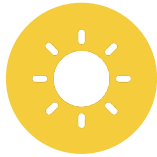
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Mexico

Current Situation

40,887

solar cookers identified by SCI.



18.3 million people or 14.3% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



21,639

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,849,326

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 25.93 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Mexico.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



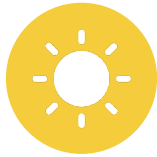
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Micronesia

Current Situation

0
solar cookers
identified by
SCI.



100,014 people
or **86.8%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



150
people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



6,209
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 40.6 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Micronesia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



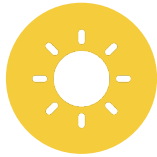
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Moldova

Current Situation

0
solar cookers
identified by
SCI.



59,685 people
or **2.4% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



732
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



7,666
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 358.6 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Moldova.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
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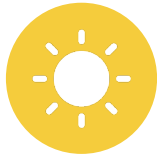
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Potential Impacts of Solar Cooking in Mongolia

Current Situation

300

solar cookers identified by SCI.



1.5 million people or 45.8% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



2,420

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



163,362

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.01 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Mongolia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



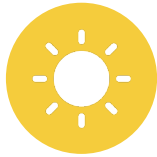
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Montenegro

Current Situation

0
solar cookers
identified by
SCI.



230,450 people
or **37.4%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



771
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



26,013
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 769.7 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Montenegro.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

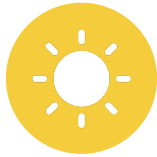
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Potential Impacts of Solar Cooking in Morocco

Current Situation

558

solar cookers identified by SCI.



794,641 people or 2.1% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



2,878

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



64,349

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 698.7 million

could be **potentially saved per year** in reduced environmental and health-related costs in Morocco.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



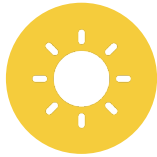
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Mozambique

Current Situation

2 solar cookers identified by SCI.



31.8 million people or **94% of the total population**



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



26,452

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



2,637,591

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.12 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Mozambique.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



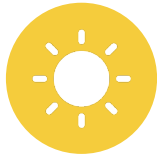
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Myanmar

Current Situation

1 solar cookers identified by SCI.



26.9 million people or 49.3% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



54,038

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



2,386,390

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 3.69 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Myanmar.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

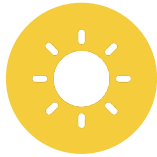
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Potential Impacts of Solar Cooking in Namibia

Current Situation

575

solar cookers identified by SCI.



1.3 million people or **52.6%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



1,434

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



121,488

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 484.8 million

could be **potentially saved per year** in reduced environmental and health-related costs in Namibia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

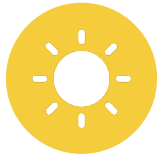
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Nepal

Current Situation

14,556

solar cookers identified by SCI.



18.6 million people or 60.4% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



25,069

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,616,610

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 2 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Nepal.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

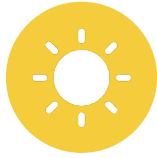
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Nicaragua

Current Situation

3,272

solar cookers identified by SCI.



2.8 million people or 40.8% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



2,624

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



218,551

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 434.3 million

could be **potentially saved per year** in reduced environmental and health-related costs in Nicaragua.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



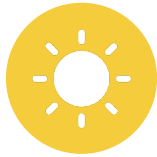
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Niger

Current Situation

0
solar cookers
identified by
SCI.



25.6 million people
or **94.3%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



16,439
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,619,572
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 704.6 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Niger.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

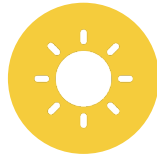
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Potential Impacts of Solar Cooking in Nigeria

Current Situation

1,367

solar cookers identified by SCI.



166 million people or 74.4% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



132,494

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



13,196,854

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 13.85 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Nigeria.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



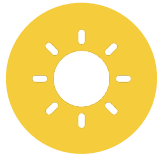
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in North Macedonia

Current Situation

0 solar cookers identified by SCI.



338,840 people or 18.7% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



1,370 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



36,062 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 858.9 million could be **potentially saved per year** in reduced environmental and health-related costs in North Macedonia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

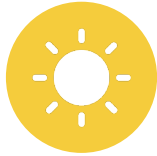
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Potential Impacts of Solar Cooking in Pakistan

Current Situation

24,000

solar cookers identified by SCI.



114 million people or 47.4% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



152,925

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



6,244,316

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 12.5 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Pakistan.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



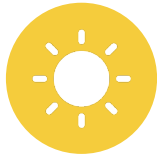
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Potential Impacts of Solar Cooking in Panama

Current Situation

0 solar cookers identified by SCI.



0 people or **0%** of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



546 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



0 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.2 billion could be **potentially saved per year** in reduced environmental and health-related costs in Panama.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



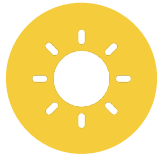
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Potential Impacts of Solar Cooking in Papua New Guinea

Current Situation

1
solar cookers
identified by
SCI.



9.2 million people
or **90% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



7,295
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



641,317
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 1.46 billion
could be **potentially saved per year** in
reduced environmental and health-related
costs in Papua New Guinea.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



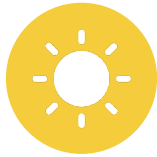
Photo credits: SCI Collaborators
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other sources as appropriate.

Potential Impacts of Solar Cooking in Paraguay

Current Situation

0
solar cookers
identified by
SCI.



2.1 million people
or **31.5%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



2,035
people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



206,440
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 955 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Paraguay.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

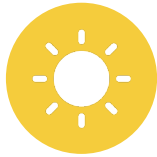
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Potential Impacts of Solar Cooking in Peru

Current Situation

7,418

solar cookers identified by SCI.



4 million people or 11.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



5,345

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



435,077

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 3.22 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Peru.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



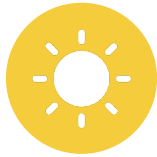
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Philippines

Current Situation

1 solar cookers identified by SCI.



47.9 million people or 40.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



94,441 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



4,256,343 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 23.64 billion could be **potentially saved per year** in reduced environmental and health-related costs in Philippines.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



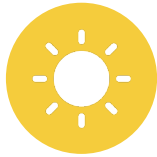
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Potential Impacts of Solar Cooking in Romania

Current Situation

0 solar cookers identified by SCI.



0 people or **0%** of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



11,316 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



0 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 24.8 billion could be **potentially saved per year** in reduced environmental and health-related costs in Romania.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



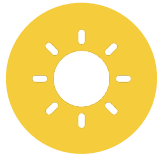
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SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Russia

Current Situation

0
solar cookers
identified by
SCI.



862,957 people
or **0.6%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



85,329
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



123,635
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 148.6 billion
could be **potentially saved per year** in
reduced environmental and health-related
costs in Russia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

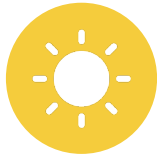
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Potential Impacts of Solar Cooking in Rwanda

Current Situation

26

solar cookers identified by SCI.



12.9 million people or **91.7%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



6,932

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,119,650

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 514.8 million

could be **potentially saved per year** in reduced environmental and health-related costs in Rwanda.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



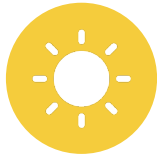
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Samoa

Current Situation

0
solar cookers
identified by
SCI.



136,311 people
or **60.4%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



154
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



7,693
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 43.7 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Samoa.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



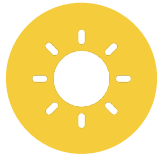
Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

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other sources as appropriate.

Potential Impacts of Solar Cooking in Sao Tome and Principe

Current Situation

0
solar cookers
identified by
SCI.



222,350 people
or **95.9%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



166
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



20,201
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 29.2 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Sao Tome and Principe.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

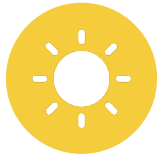
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Potential Impacts of Solar Cooking in Senegal

Current Situation

19,621

solar cookers identified by SCI.



12 million people or **67.7%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



7,635

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



514,892

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 825.6 million

could be **potentially saved per year** in reduced environmental and health-related costs in Senegal.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



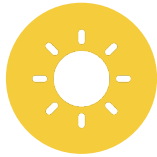
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Serbia

Current Situation

0
solar cookers
identified by
SCI.



1.1 million people
or **17.1%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



5,845
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



145,363

metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 5.44 billion

could be **potentially saved per year** in
reduced environmental and health-related
costs in Serbia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



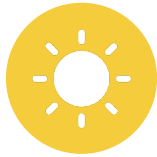
Photo credits: SCI Collaborators
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SCI requests that any users of
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other sources as appropriate.

Potential Impacts of Solar Cooking in Sierra Leone

Current Situation

0
solar cookers
identified by
SCI.



8.7 million people
or **99% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



7,334
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



611,686
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 226 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Sierra Leone.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



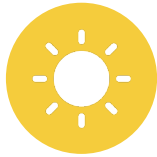
Photo credits: SCI Collaborators
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this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Solomon Islands

Current Situation

0
solar cookers
identified by
SCI.



676,007 people
or **91.3%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



830
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



45,784
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 114.4 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Solomon Islands.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



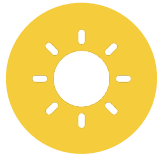
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Eco-Impact Hub CBO

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other sources as appropriate.

Potential Impacts of Solar Cooking in Somalia

Current Situation

0
solar cookers
identified by
SCI.



17.2 million people
or **95.2%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



16,061
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,037,743
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 630 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Somalia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



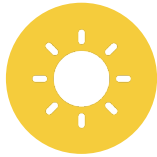
Photo credits: SCI Collaborators
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SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in South Africa

Current Situation

0
solar cookers
identified by
SCI.



6.4 million people
or 10.6% of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



14,930

people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



745,458

metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 6.63 billion

could be **potentially saved per year** in
reduced environmental and health-related
costs in South Africa.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

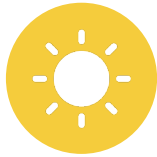
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Potential Impacts of Solar Cooking in South Sudan

Current Situation

23,111

solar cookers identified by SCI.



11 million people or 100% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



7,072

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



688,429

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 102.2 million

could be **potentially saved per year** in reduced environmental and health-related costs in South Sudan.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

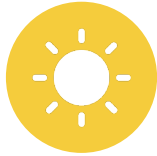
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Sri Lanka

Current Situation

3,509

solar cookers identified by SCI.



14.2 million people or 64.5% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



17,369

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,393,333

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 4.57 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Sri Lanka.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



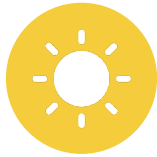
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in St. Lucia

Current Situation

0
solar cookers
identified by
SCI.



13,519 people
or **7.5% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



21
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,736
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 25.2 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in St. Lucia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



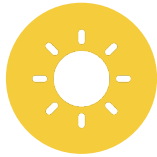
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this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in St. Vincent and Grenadines

Current Situation

0
solar cookers
identified by
SCI.



10,370 people
or 10% of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



15
people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,288
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 12.5 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in St. Vincent and Grenadines.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

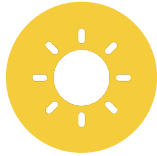
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Potential Impacts of Solar Cooking in Sudan

Current Situation

3,162

solar cookers identified by SCI.



16.5 million people or 34.4% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



19,185

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,044,865

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 2.73 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Sudan.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



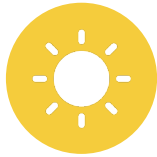
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SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Suriname

Current Situation

0
solar cookers
identified by
SCI.



28,046 people
or 4.5% of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



72
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



2,679
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 31.9 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Suriname.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



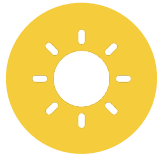
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this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Syria

Current Situation

0
solar cookers
identified by
SCI.



2.2 million people
or **9.5% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



1,509
people **die**
annually due to
household air
pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



144,201
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 48.2 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Syria.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
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Eco-Impact Hub CBO

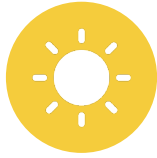
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Potential Impacts of Solar Cooking in Tajikistan

Current Situation

75

solar cookers identified by SCI.



1.4 million people or 13.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



2,579

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



87,535

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 172.5 million

could be **potentially saved per year** in reduced environmental and health-related costs in Tajikistan.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

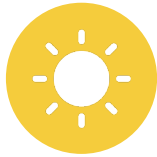
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Tanzania

Current Situation

5,343

solar cookers identified by SCI.



61.2 million people or 90.8% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



25,323

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



4,655,018

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 2.29 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Tanzania.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

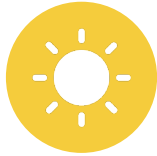
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Thailand

Current Situation

1,748

solar cookers identified by SCI.



9.9 million people or 13.9% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



22,836

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,327,747

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 12.4 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Thailand.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

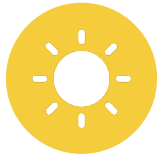
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in The Gambia

Current Situation

9,247

solar cookers identified by SCI.



2.7 million people or **98.3%** of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



1,462

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



125,363

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 78.5 million

could be **potentially saved per year** in reduced environmental and health-related costs in The Gambia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



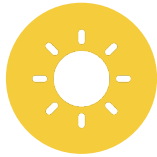
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Timor-Leste

Current Situation

1 solar cookers identified by SCI.



1.1 million people or **82.3%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



1,098 people **die annually** due to household air

pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



78,701 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 112.2 million could be **potentially saved per year** in reduced environmental and health-related costs in Timor-Leste.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

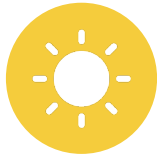
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Potential Impacts of Solar Cooking in Togo

Current Situation

15

solar cookers identified by SCI.



7.9 million people or **88.1%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



6,087

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



675,275

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 411 million

could be **potentially saved per year** in reduced environmental and health-related costs in Togo.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



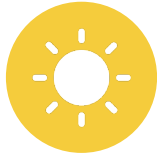
Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Tonga

Current Situation

0
solar cookers
identified by
SCI.



11,316 people
or **10.5% of the total**
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



24
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



795
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 7.81 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Tonga.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



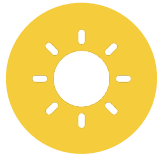
Photo credits: SCI Collaborators
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Eco-Impact Hub CBO

SCI requests that any users of
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other sources as appropriate.

Potential Impacts of Solar Cooking in Tunisia

Current Situation

0
solar cookers
identified by
SCI.



12,458 people
or **0.1%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



181
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,190
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 46.7 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Tunisia.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
Ecomandate Foundation and
Eco-Impact Hub CBO

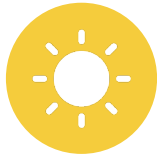
SCI requests that any users of
this information cite SCI and
other sources as appropriate.

Potential Impacts of Solar Cooking in Türkiye

Current Situation

6,250

solar cookers identified by SCI.



4.1 million people or 4.9% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



6,679

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



379,857

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 7.33 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Türkiye.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



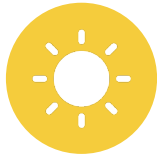
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Potential Impacts of Solar Cooking in Turkmenistan

Current Situation

0
solar cookers
identified by
SCI.



13,032 people
or **0.2%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



65
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



934
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 46.9 million
could be **potentially saved** per year in
reduced environmental and health-related
costs in Turkmenistan.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



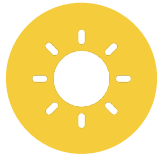
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Eco-Impact Hub CBO

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Potential Impacts of Solar Cooking in Tuvalu

Current Situation

0 solar cookers identified by SCI.



2,826 people or **24.8%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



people die annually due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



173 metric tons of carbon dioxide emissions could be prevented annually, and,



USD 25,631 could be **potentially saved per year** in reduced environmental and health-related costs in Tuvalu.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

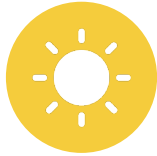
SCI requests that any users of this information cite SCI and other sources as appropriate.

Potential Impacts of Solar Cooking in Uganda

Current Situation

82,389

solar cookers identified by SCI.



48.2 million people or **99.4%** of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



18,649

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits



3,671,089

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.49 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Uganda.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



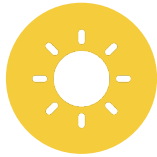
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Potential Impacts of Solar Cooking in Ukraine

Current Situation

0
solar cookers
identified by
SCI.



1.9 million people
or **5.1%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



13,781
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



281,163
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 5.03 billion
could be **potentially saved per year** in
reduced environmental and health-related
costs in Ukraine.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



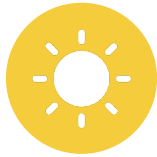
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Potential Impacts of Solar Cooking in Uzbekistan

Current Situation

0
solar cookers
identified by
SCI.



8 million people
or **22.2%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



9,398
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



579,061
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 1.5 billion
could be **potentially saved** per year in
reduced environmental and health-related
costs in Uzbekistan.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



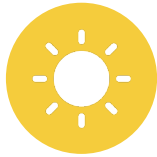
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Potential Impacts of Solar Cooking in Vanuatu

Current Situation

0
solar cookers
identified by
SCI.



313,098 people
or **93.6%** of the total
population



lack access to modern cooking fuels
and still rely on polluting fuels such
as firewood, charcoal, dung, etc.



358
people **die**
annually due to
household air

pollution including from polluting
fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



22,868
metric tons of carbon dioxide
emissions could be prevented
annually, and,



USD 80.65 million
could be **potentially saved per year** in
reduced environmental and health-related
costs in Vanuatu.



SCI program
participants
enjoying solar-
cooked meals at Kakuma
Refugee Camp, Kenya.



Photo credits: SCI Collaborators
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Eco-Impact Hub CBO

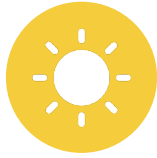
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Potential Impacts of Solar Cooking in Venezuela

Current Situation

102

solar cookers identified by SCI.



1.4 million people or 5% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



1,762

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



124,911

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 18.55 million

could be **potentially saved per year** in reduced environmental and health-related costs in Venezuela.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

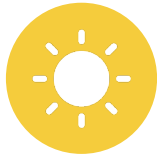
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Potential Impacts of Solar Cooking in Vietnam

Current Situation

2,500

solar cookers identified by SCI.



1.8 million people or 1.9% of the total population

lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



61,510

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



205,787

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 18.06 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Vietnam.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

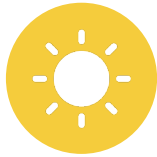
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Potential Impacts of Solar Cooking in Yemen

Current Situation

170

solar cookers identified by SCI.



17.8 million people or 51.7% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



12,642

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



990,214

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 446 million

could be **potentially saved per year** in reduced environmental and health-related costs in Yemen.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

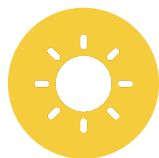
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Potential Impacts of Solar Cooking in Zambia

Current Situation

192

solar cookers identified by SCI.



18.7 million people or 91% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



9,498

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,394,525

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 903.2 million

could be **potentially saved per year** in reduced environmental and health-related costs in Zambia.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

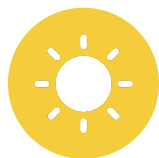
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Potential Impacts of Solar Cooking in Zimbabwe

Current Situation

14,005

solar cookers identified by SCI.



11.5 million people or 69.2% of the total population



lack access to modern cooking fuels and still rely on polluting fuels such as firewood, charcoal, dung, etc.



9,738

people **die annually** due to household air pollution including from polluting fuels used for daily cooking.

Potential Benefits

If people relying on polluting fuels switched to solar cooking just **25%** of the time,



1,073,961

metric tons of carbon dioxide emissions could be prevented annually, and,



USD 1.01 billion

could be **potentially saved per year** in reduced environmental and health-related costs in Zimbabwe.



SCI program participants enjoying solar-cooked meals at Kakuma Refugee Camp, Kenya.



Photo credits: SCI Collaborators Ecomandate Foundation and Eco-Impact Hub CBO

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