

Global
Alliance for
Clean
Cookstoves



Mission & Vision

Solar Cookers International

improves human and environmental health

by supporting the expansion of proven, clean, and sustainable cooking

in vulnerable regions.



Webinar Outline

SCI leads the solar cooking sector

- Building capacity
- Research
- Advocacy

Ways to engage with SCI

Future direction of SCI





Poll question:

My primary household fuel focus is:

- Biomass/biogas
- Solar thermal
- Solar photovoltaic (PV)
- LPG
- Other

Today's Presenters



Julie Greene
Executive Director



Alan Bigelow, Ph.D.
**Science Director/
Main SCI Rep at the UN**



Caitlyn Hughes
Program Director


Build
Capacity



Leadership through Data Collection and Analysis

- Adoption + Impact Survey
- Quick Needs Assessment
- Solar Cooking Wiki
- REN 21, Global Alliance, etc.





The Solar Cooking Wiki

Solar Cookers International

LEARN ▾ TEACH ▾ SEE ALL... ▾ ABOUT ▾ EXPLORE ▾

1,776
PAGES

ADD NEW PAGE

Home


Redirected from [Solar Cookers International Network \(Home\)](#)

VIEW SOURCE ▾ SHARE

135 Countries · 350 NGOs · 277 Individuals
164 Manufacturers · 406 Designs · 94 Plans

Sponsored by Solar Cookers International
Funded by the Agua Fund, Inc.


Deutsch, Español, Ελληνικά, Français, Hausa, Igbo, Indonesian, Italiano, Kiswahili, Kreyòl, Malagasy, Malayu, Português, Русский, Soomaaliga, Tagalog, Việt, Türkçe, Yorùbá, தமிழ், नेपाली, 中文, اردو, 한국어, 日本語, العربية, हिन्दी, বাংলা, తెలుగు, ગુજરાતી, སྐད་ཀྱི་ཡི་རྩིས་, ਪੰਜਾਬੀ, বাংলা, ਪੰਜ.

Find your country  Build a Cooker Buy a Cooker


Solar cooking around the world

Top News Events New Content

April 2018



Partner Webinar: 31 May 2018, 11:00 a.m. EDT (15:00 GMT): Solar Cookers International and the Global Alliance for Clean Cookstoves will present 'The Clean, Sustainable Cooking Solution - Solar Thermal' (preregistration required)



The Jimmy McGilligan Centre for Sustainable Development has its first solar food fest

The Solar Cooking Wiki

- About this wiki
- Add or edit an article
- Sign up for the SCI Digest
- Become an SCI Associate
- About Solar Cookers International

Solar cooking basics

- Intro to solar cooking
- Build a solar cooker
- Buy a solar cooker
- Pots, glazing, glue, paint, etc.
- Cooking guidelines
- Frequently-asked questions

See all...

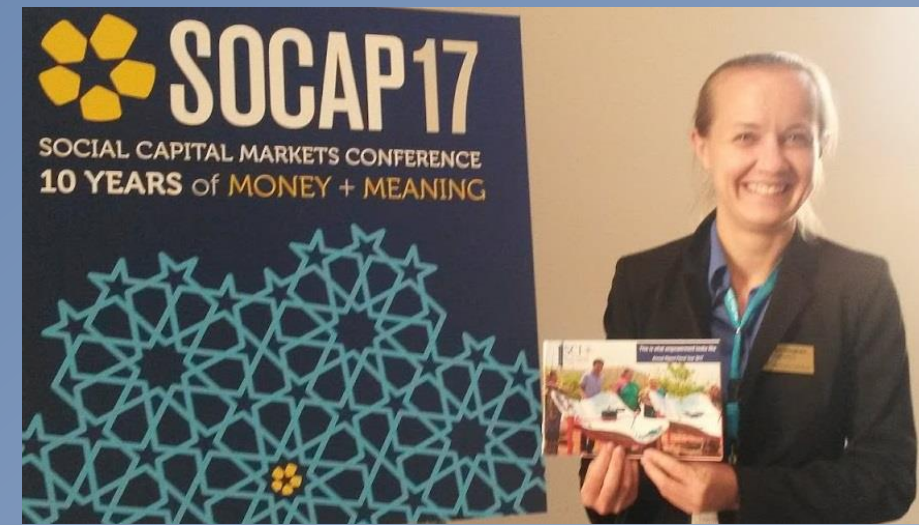
- Top news
- New content
- Events
- Designs
- Construction plans
- Countries

Leadership through Data Collection and Analysis

- 3.2 + million solar cookers worldwide (and counting...)
- 11.5+ million people directly impacted by solar thermal cooking
- 4 billion meals cooked via solar thermal
- 377 MW of thermal heat capacity
- Reduce CO² emissions by 26 million tons
- 200 billion (USD) in potential savings and benefits annually *(World Bank, 2016)*



Scalable and Sustainable with Social Entrepreneurship



Scalable and Sustainable with Social Entrepreneurship



Research



Poll question: Rate your familiarity with solar cooker testing

5 = very familiar

1 = not familiar at all

SCI Performance Evaluation Process (PEP):

- harmonizes with ISO/TC 285
- new testing capacity at CRT/Nepal Testing Center



SCI Science Director Alan Bigelow, Ph.D. and Prabin Shrestha.

Ryan Thompson; Santosh Mandal; Chija Adhikari; Ganesh Shrestha; SCI Science Director Alan Bigelow, Ph.D. at the Centre for Rural Technology (CRT) Nepal.



SCI Test Centers

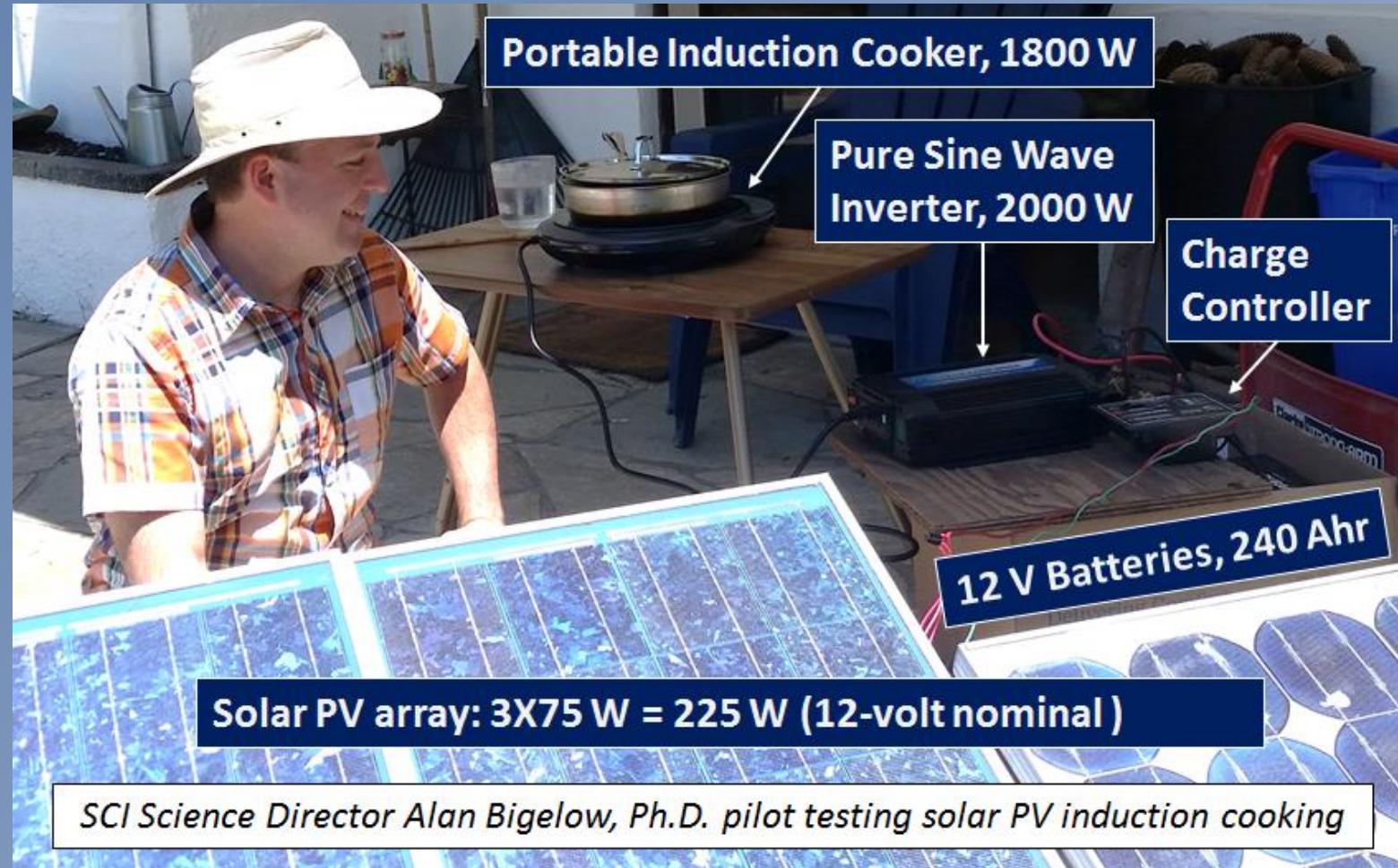
Schedule a test at

www.solarcookers.org

Solar PV Induction Cooking: Off-Grid Trials

Item	Cost (USD)
Portable Induction Cooker	\$127
Pure Sine Wave Inverter	\$588
Charge Controller	\$149
*Batteries	\$550
Solar Panels	\$225
Total	\$1,639

* Batteries have a replacement cost and need time to charge.



Remarks from SCI Global Advisors:

- Godfrey Mawira (Kenya): Solar PVs can be successful for institutional or communal cooking like in camps and informal settlements or for commercial applications but it's too costly for individual households.
- Dr. Ajay Chandak (India): These solar cooking systems are suitable only for remote rural and tribal areas where there is no power. However it's impossible to provide them something that costs USD 1000+.

Advocacy



Solar Cooking Supports All 17 United Nations SDGs



SCI at COP23

- 20,000 people exposed to solar cooking at UNFCCC event
- 10+ government ministry representatives connected to solar cooking
- 4 press conferences
- 4 presentations/side events
- 2 new SCI Associates
- 1 exhibit booth



SCI Program Director Caitlyn Hughes; SCI Associate Honorable Commissioner Nigeria Ministry of Climate Change and Forestry Dr. Alice Ekwu; SCI Executive Director Julie Greene



SCI COP 23 Side Event: SCI Science Director Alan Bigelow, Ph.D., Head of Project India One Golo Pilz; Rocío Maldonado; SCI Program Director Caitlyn Hughes



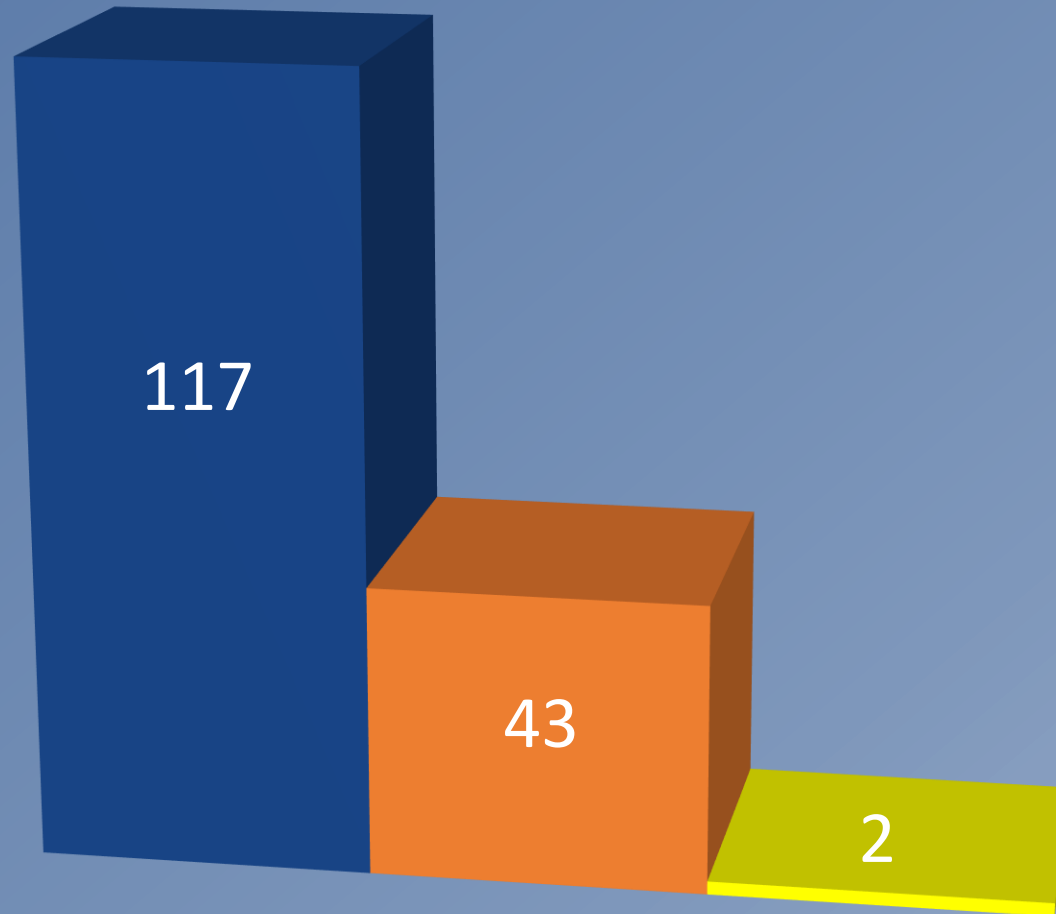
SCI COP 23 Press Conference: SCI Board Member Mike Paparian; SCI Program Director Caitlyn Hughes; SCI Science Director Alan Bigelow, Ph.D.; The Nature Conservancy CA Climate Change Program Director Louis Blumberg; Global Solar Council CEO Jodie Roussel

Nationally Determined Contributions (NDCs)

Of 163 submitted
NDCs, **43** mention
cooking or
cookstoves

2 additional NDCs
specifically include
solar cooking
as a sustainable
approach

(Somalia,
Marshall Islands)



■ No mention of cooking

■ Mention cooking/cookstoves

■ Mention solar cooking

**163 submitted as of 10/27/17*

Ways to
Engage



Consult SCI



Sample Services

- Project design
- Quick Needs Assessment
- Baseline and evaluation surveys
- Solar cooker design testing
- Project promotion through the SCI Association
- Solar radiation analysis
- Regular consultations
- Data analysis and interpretation
- Partner and resource referrals

Contact us for an estimate
www.solarcookers.org



Organization Associate benefits

(For NGOs, businesses, academic departments, government agencies and groups)

Levels	Bronze	Silver	Gold
# Individual Associates' benefits	3	7	10

Recognition	Networking	Events	Knowledge	Publicity
<p>Sharing your posts with SCI's 27,000+ Facebook followers*</p> <p>Retweeting your organization's Twitter tweets for SCI's 1000+ followers*</p> <p>Organization profile in SCI <i>Digest</i> twice a year*</p>	<p>Quarterly town hall meeting (conference call)</p> <p>Individual Associates benefits</p>	<p>Discounted sponsorship rates</p>	<p>Webinar certificate of participation</p>	<p>Acknowledgement as an Organizational Associate at SCI conferences and events</p> <p>Free posting for employment opportunities in SCI <i>Digest</i></p>

*based on level

Future
Direction



Future Direction

- Building capacity
- Research
- Advocacy



COP24 KATOWICE 2018
UNITED NATIONS CLIMATE CHANGE CONFERENCE

Representatives from SCI, the Public-Private Alliance Foundation (PPAF), Haiti Adolescent Girls Network (HAGN) in Port-au-Prince, Haiti during a meeting convened by the Global Alliance for Clean Cookstoves regarding the Preliminary Action Plan for the Transformation of the Cookstoves and Fuels Market in Haiti.

Poll: I will be at COP 24 and would like to collaborate or arrange a meeting with SCI.

-Yes
(please email
info@solarcookers.org your proposal
and details)

-I will not be there

-I do not know



Fred Sarufa Minister and Deputy Permanent Representative Papua New Guinea; Hon. John Thomas Pundari Papua New Guinea Minister for Environment Conservation and Climate Change (center); SCI Science Director Alan Bigelow, Ph.D.; SCI Program Director Caitlyn Hughes; other Papua New Guinea government representatives at SCI's COP 23 exhibit booth.

Q and A

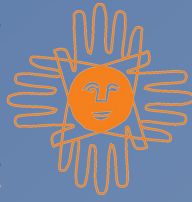
Please type your questions into the chat box.

To schedule a test, join the SCI Association, hire SCI as a consultant, or explore partner opportunities, visit:

www.solarcookers.org



SCI Science Director Alan Bigelow, Ph.D. at the Global Alliance's Clean Cooking Forum 2017.



Presenters



Julie Greene
Executive Director

info@solarcookers.org



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