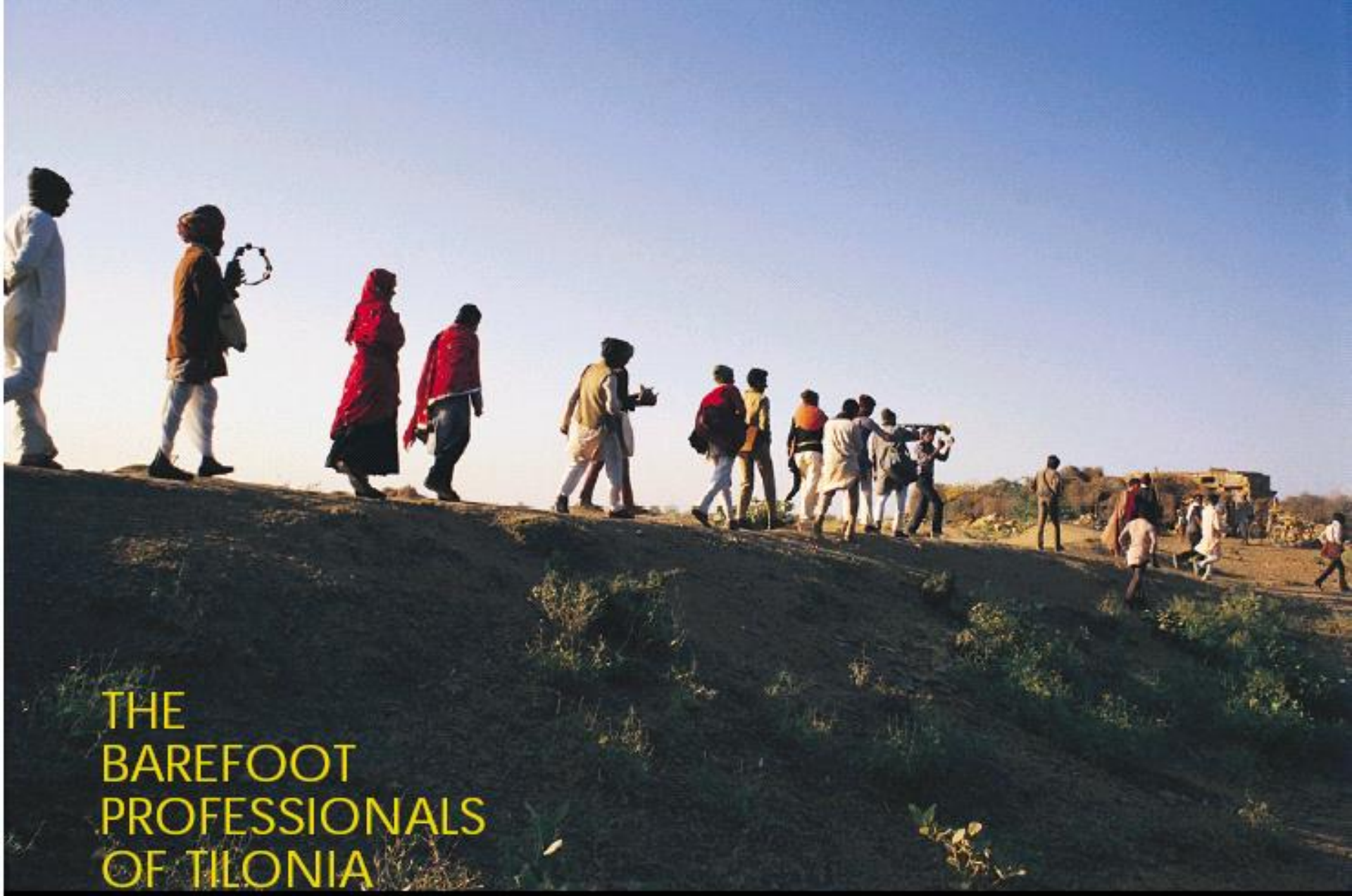
Montag, 28. November 2016

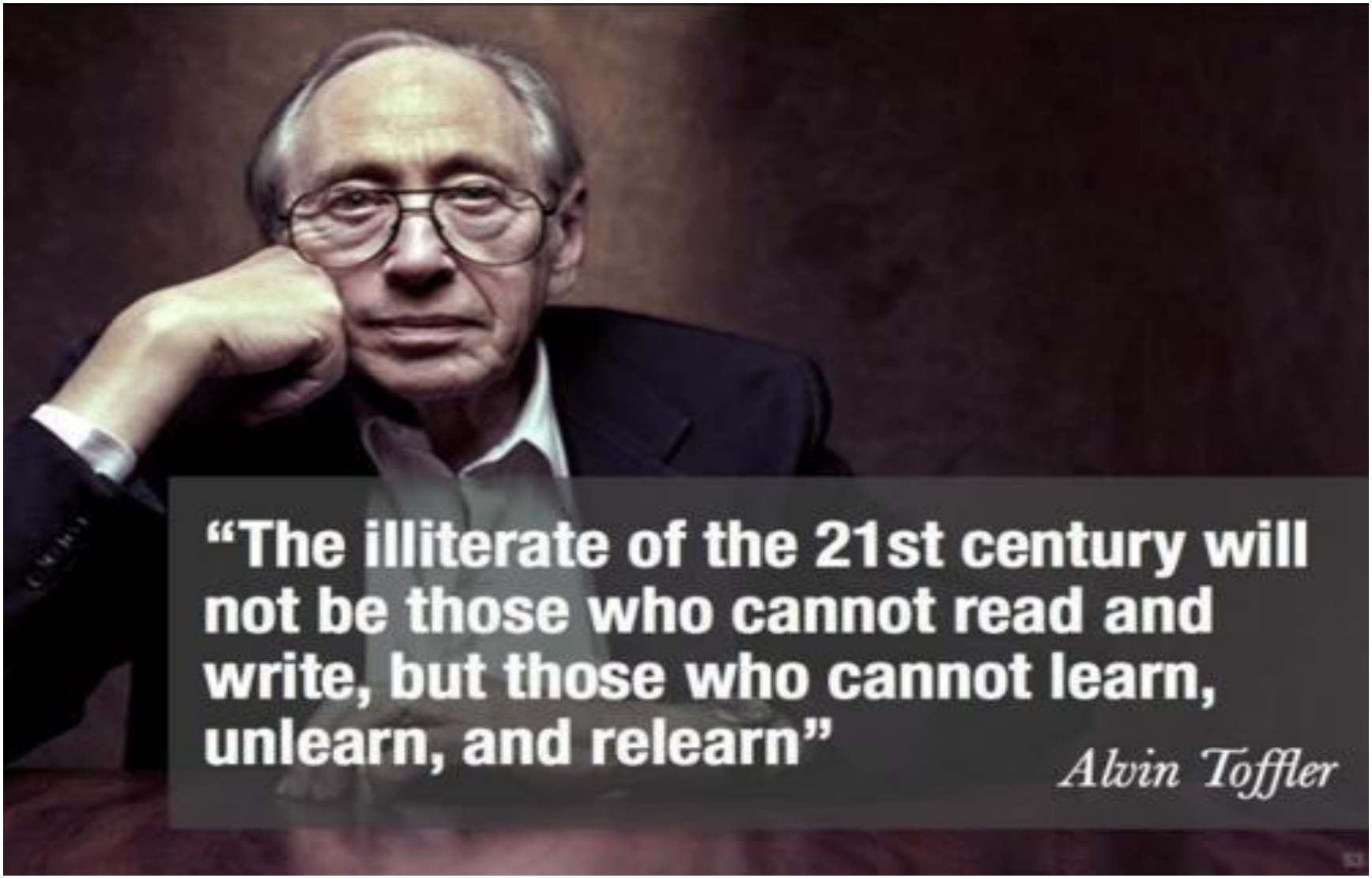
Bunker Roy

Training illiterate rural women to be solar engineers - A grass roots initiative goes global

Photo © Abbie Trayler-Smith / Panos Pictures / Department for International Development

THE BAREFOOT COLLEGE PRESENTS


THE
BAREFOOT
PROFESSIONALS
OF TILONIA


"The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn"
Alvin Toffler

THE
BAREFOOT
ARCHITECTS

The Barefoot Architect who built the campus-still cannot read and write today

First fully solar electrified College Campus in Rural India

The first barefoot solar engineer of India

A Priest turned solar engineer became master trainer

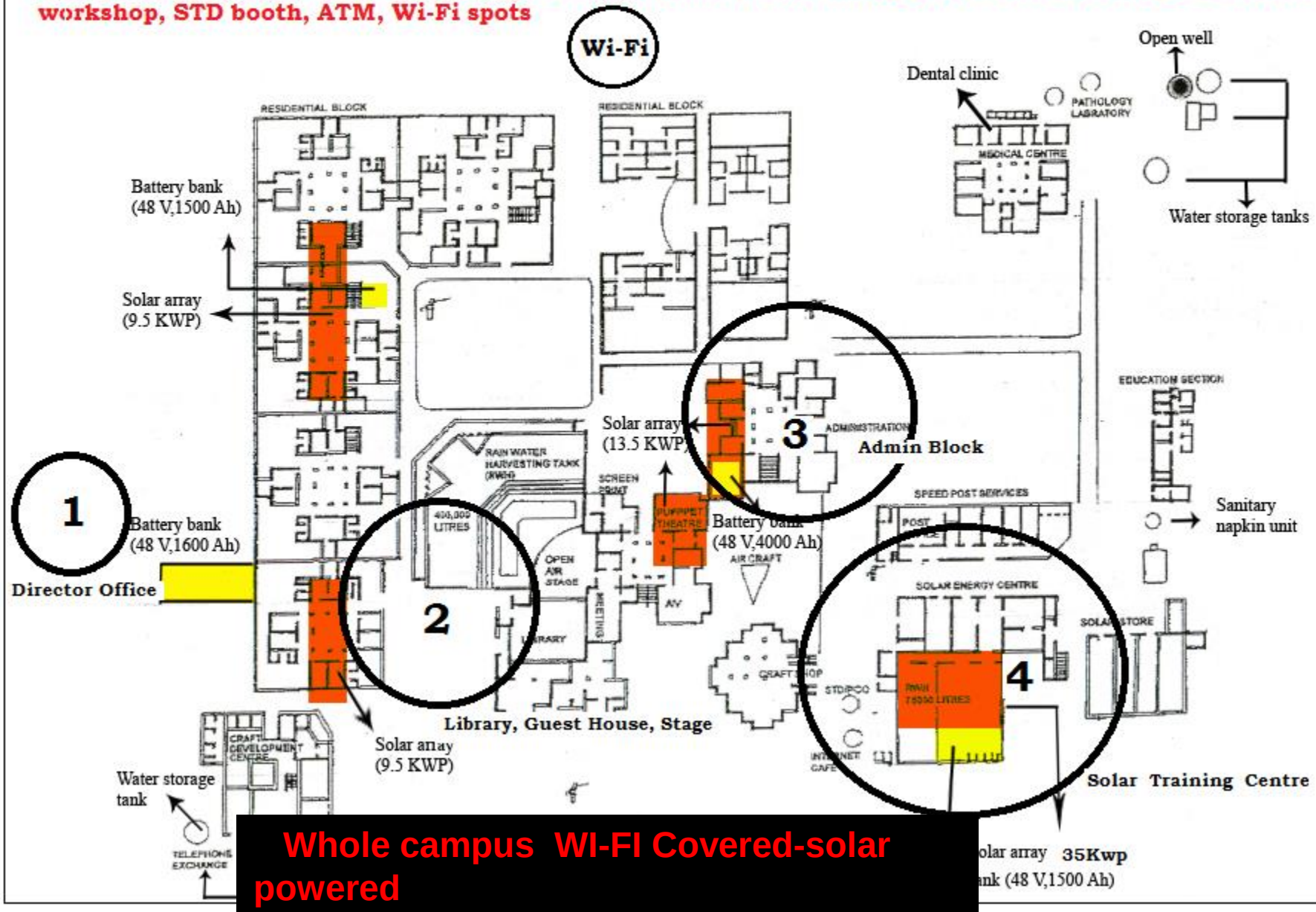
100 Kws to solar power for 500 CFL 350 fans, 40 computers ,

Installed by rural men and women who can barely read and write

Telephone Exchange with Optical Fibre Cable

BAREFOOT COLLEGE CAMPUS- WI-FI SPOTS-2014

The Campus is fully solar powered by 100 Kilowatts for running of 500 CFL lamps, 350 fans, 40 computers printers, photostat machines, sanitary napkin unit, pathology lab., dental chair, deep freezers, intercom machine, Post Office, Telephone Exchange, Audio Visual euipment, water lifting pumps, solar training & fabrication workshop, STD booth, ATM, Wi-Fi spots



Whole campus WI-FI Covered-solar powered

Solar operated Community Radio run entirely by rural women

Solar Operated ATM

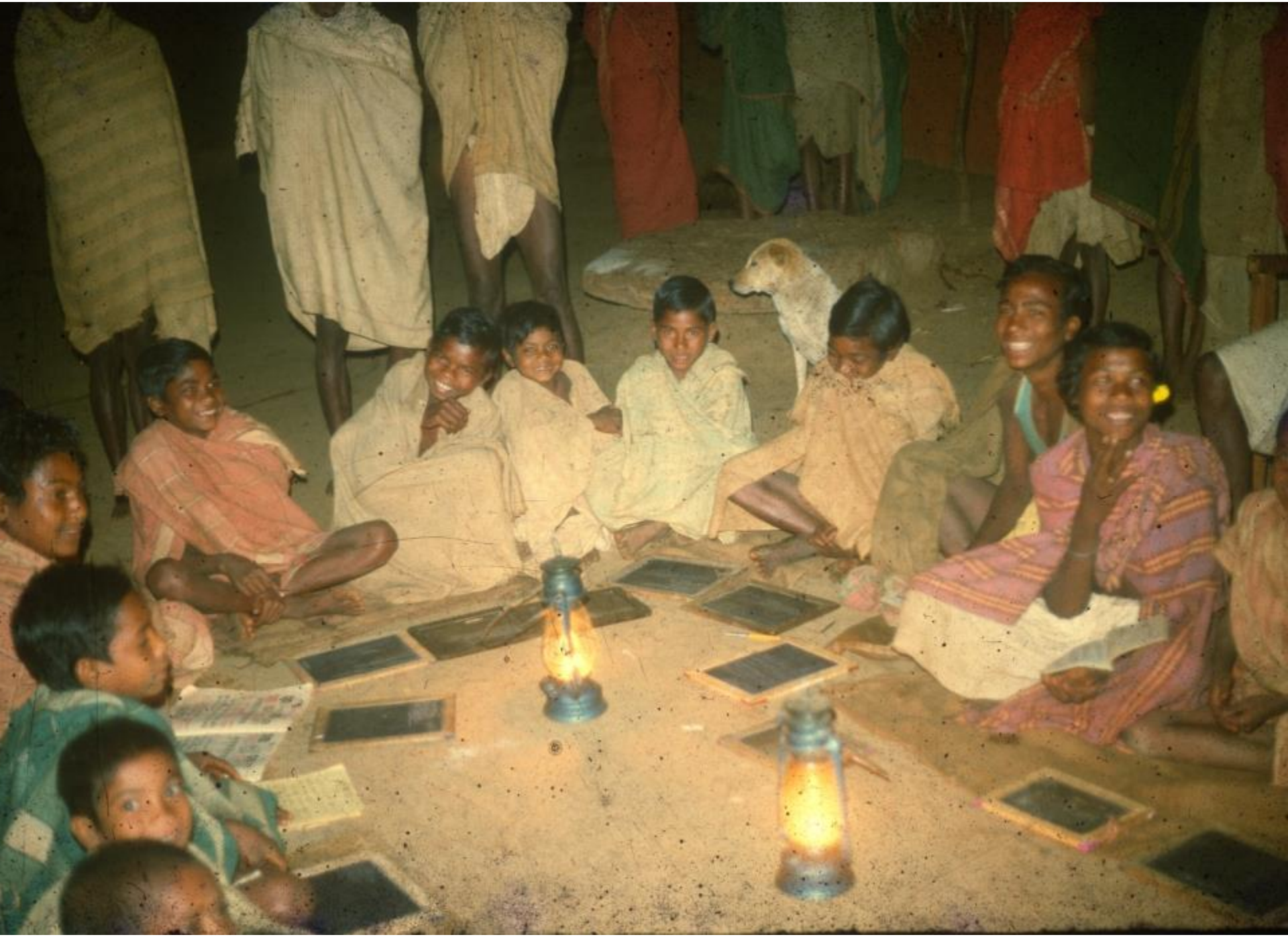
Marketing Outlet for 500 women artesans-sales over $ 150,000 annually

Illiterate Rural Women welding solar cookers

1975-night schools with kerosene lamps

2016-150 night schools with solar lanterns

225 Night Schools in 6 States attended by 7,000 children out of which 5,500 are girls-all lit by solar lanterns



Digital Schools

Ipads charged by solar after school

Solar Projector instead of blackboards

BUSEM
अ

A new generation of teachers

EDUCATION

Children Parliament

Meeting of the Cabinet with the Prime Minister and the Leader of the Opposition

बाल संसद तिलोनियाँ
बच्चे

THE PRIME MINISTERS OF THE CHILDREN'S PARLIAMENT BAREFOOT COLLEGE NIGHT SCHOOLS

First Prime Minister (1993-95) Koshlya, Buharu

Second Prime Minister (1995-98) Laxmi Devi, Kalipal

Third Prime Minister (1998-2001) Ramkanya,Morda

Fourth Prime Minister (2001) Bhagchand Devi, Balapura

Fifth Prime Minister (2001-04) Devki, Tilonia

Sixth Prime Minister (2004-06) Santosh, Habaspura

Seventh Prime Minister(2006-09) Jaitu, Palari Pathanan

Eighth Prime Minister(2009-12) Neraj Devi Kotri

Nineth Prime Minister(2012...) Achuki Devi Dang

THE BAREFOOT COMMUNICATORS

The Barefoot Gandhian Model-Solar Unit in each below Poverty Line Family House

The village then selects an illiterate rural grandmother between 35 and 50 years to be sent to the Barefoot College for 6 months

Solar Committee agrees to pay the women solar engineer a monthly stipend for looking after the 50 solar units under her care

Establish a Rural Electronic Workshop(REW)in a building donated by the community

The REW is for instant repair and maintenance by the women solar engineer located in every fully solar electrified village of 100 houses

Kamla- First Barefoot Woman Solar Engineer of India-1996

5th Standard pass she was a Night School teacher. Now she fabricates charge controllers at home

Kamla looks after the maintenance of 30 solar lanterns in Night Schools within 10kms of her village

She set up the 1kw solar power plant in the Barefoot College Field Centre o Kadampura

She looks after the repair and maintenance of the solar power plant. No engineer from outside is required

The first and only tribal barefoot women solar engineers of Jharkhand

For the first time they have left their village for 6 months to eventually become competent solar engineers

They know more about fabrication and installation that any graduate after 5 years of University

Tribal Solar Mama fabricating a Charge Controller

200 Barefoot women solar engineers trained from 13 States:

15,000 houses electrified in 242 villages saving 1 million litres kerosene

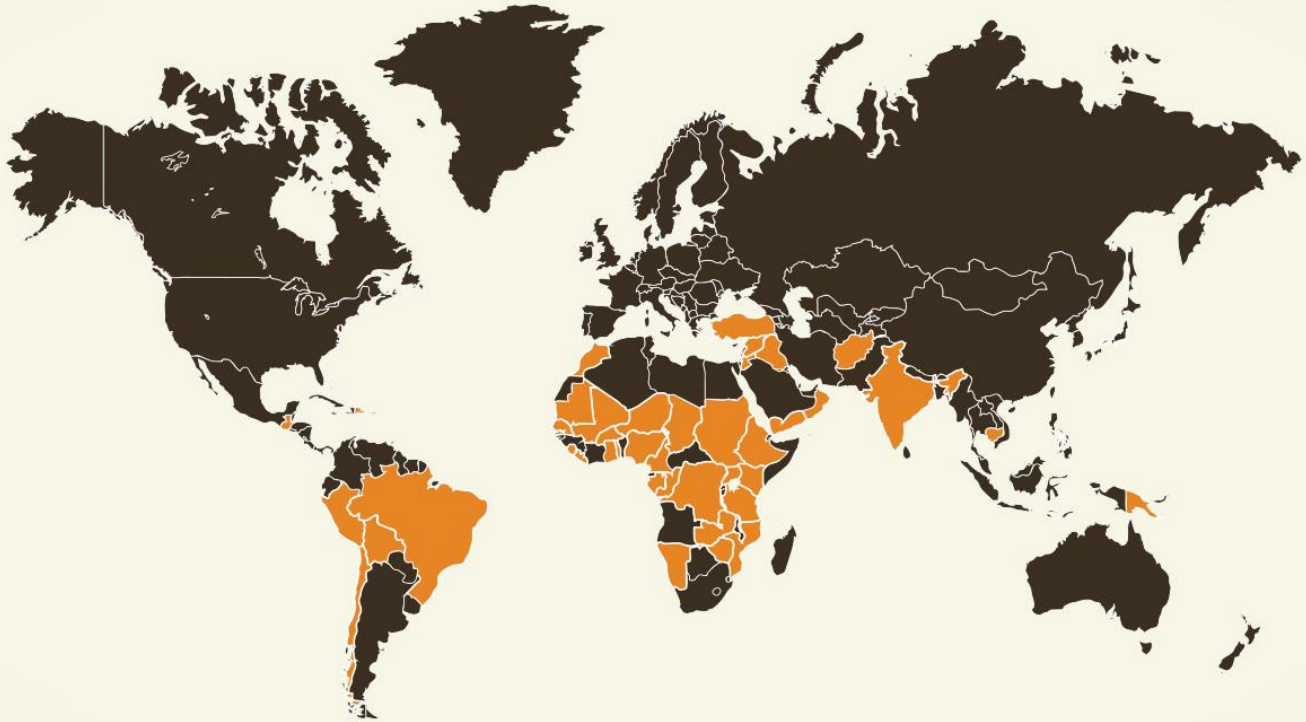
80 more women from States of Jharkhand, Bihar, Kerala, Gujarat, Rajasthan, Uttrakhand are being trained to solar electrify 2,000 houses

Between 2004 and 2015 the barefoot approach has reached almost all the 36 Least Developed Countries in the Continent of Africa

Tadoba(Uganda): Kibatari(Tanzania): Mesreya(Sudan): Fanos(Djibouti): Percolo(Chad): Fetila (Niger)

For 5 litres of kerosene women sometimes have to walk for 10 kms in Africa

2008
2 countries-Afghanistan and Bhutan



2015

78 Countries: 1200 villages electrified

800 Engineers trained: Solar Electrified 50,000 houses

5.2 millions liters of kerosene

550,000 people with access to light

Prime Minister of India meeting with 30 African Solar Mamas in Tanzania 10th July 2016

They came from Zanzibar, Burkina Faso, Kenya, South Africa

Met with the Solar Mamas, the barefoot trainers from India and staff from Zanzibar

Video

Link: http://bit.ly/2gbRZY5

- Name : Donita Mendes Borges
- Date of Birth : 28 October 1965
- Country: Cape Verde
- Email : d.lecompte@laposte.net

- Name : Sabina Mendes Da Silva
- Date of Birth : 20 October 1963
- Country: Cape Verde
- Email : cvmisa@gmail.com

- Name : Leonilde Fatima Socorro
- Date of Birth : 29 December 1964
- Country: Cape Verde
- Email : laura.lecompte@wanadoo.fr

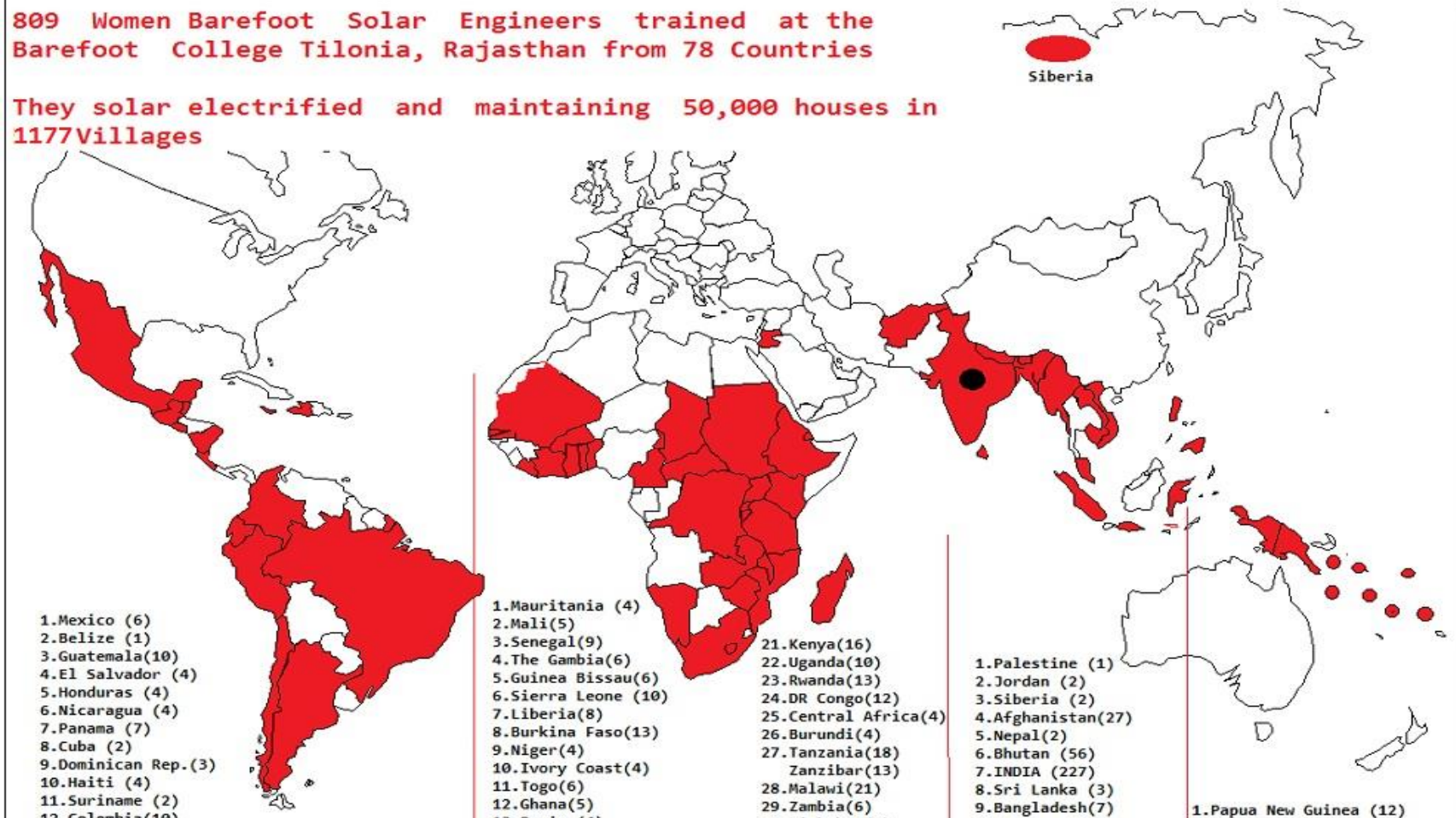
Prime Minister of Fiji with the Solar Mamas during their training in India

Michel Bachalet Head UNWOMEN meeting with Solar mamas from Latin and South Ameri

WORLD MAP: BAREFOOT APPROACH FOR SOLAR DOMESTIC LIGHTING AS ON 2016

809 Women Barefoot Solar Engineers trained at the Barefoot College Tilonia, Rajasthan from 78 Countries

They solar electrified and maintaining 50,000 houses in 1177Villages



1.Mexico (6)
2.Belize (1)
3.Guatemala(10)
4.El Salvador (4)
5.Honduras (4)
6.Nicaragua (4)
7.Panama (7)
8.Cuba (2)
9.Dominican Rep.(3)
10.Haiti (4)
11.Suriname (2)
12.Colombia(10)
13.Ecuador (4)
14.Bolivia (4)
15.Peru (7)
16.Chile (5)
17. Brazil (1)
18.Paraguay(3)
Total BSE=81

(18Central/Caribbean/South American Countries)

1.Mauritania (4)
2.Mali(5)
3.Senegal(9)
4.The Gambia(6)
5.Guinea Bissau(6)
6.Sierra Leone (10)
7.Liberia(8)
8.Burkina Faso(13)
9.Niger(4)
10.Ivory Coast(4)
11.Togo(6)
12.Ghana(5)
13.Benin (4)
14.Cameroon(7)
15.Namibia(7)
16.Chad(2)
17.Sudan(6)
18.South Sudan(13)
19.Ethiopia(27)
20.Djibouti(5)
21.Kenya(16)
22.Uganda(10)
23.Rwanda(13)
24.DR Congo(12)
25.Central Africa(4)
26.Burundi(4)
27.Tanzania(18)
Zanzibar(13)
28.Malawi(21)
29.Zambia(6)
30.Zimbabwe(7)
31.Mozambique(3)
32.Botswana(7)
33.South Africa(5)
34.Lesotho (6)
35.Comoros (6)
35.Madagascar(7)
Total BSE=306

(36 African Countries)

1.Palestine (1)
2.Jordan (2)
3.Siberia (2)
4.Afghanistan(27)
5.Nepal(2)
6.Bhutan (56)
7.INDIA (227)
8.Sri Lanka (3)
9.Bangladesh(7)
10.Myanmar(22)
11.Vietnam(4)
12.Cambodia(6)
13.Malaysia(1)
14.Philippines(9)
15.Indonesia(8)
16.Timor Leste(4)
Total BSE =379

(16 Asian Countries)

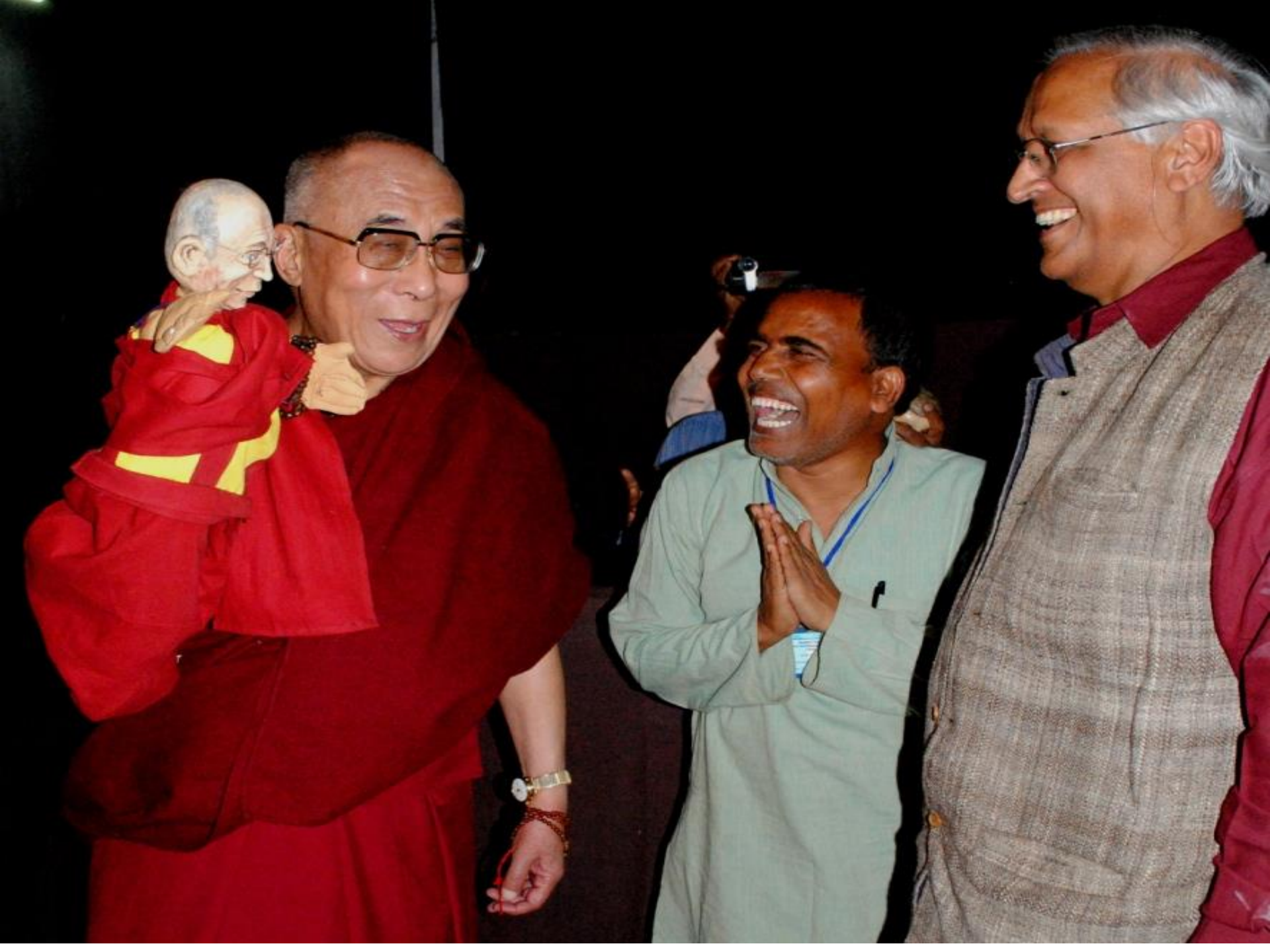
1.Papua New Guinea (12)
2.Solomon Islands(4)
3.Kiribati(4)
4.Nauru(4)
5.Vanuatu(3)
6.Samoa(4)
7.Fiji (10)
8.Tonga (2)
Total BSE= 43

(8 Pacific Islands)

Total Jobs created: 40,000

Geographical Impact: 76 countries

Impact: Direct and Indirect: Approximately 3 million people



Video

Link: http://bit.ly/2gUuPE2

Montag, 28. November 2016

Nachhaltige Energie für ALLE

Wann geht der Welt ein Licht auf?

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