

The Africa Wahl® Sees

# The Africa Wahl<sup>®</sup> Sees

- The fastest growing Continent
  - Currently 1 Billion
  - 2 Billion by 2050
- The fastest urbanizing Continent
  - Mega Cities of Kinshasa, Cairo, Lagos
  - 80 Cities over 1 million people

# The Africa Wahl<sup>®</sup> Sees

- Africa's Rural Areas
  - Farms getting smaller due to more heirs
  - Only 4% of agricultural land is irrigated
- Potential Changes
  - Doubling irrigated land and using current technology Africa could become a net food exporter

# The Africa Wahl<sup>®</sup> Sees

- Africa's Resource – People
  - 1 in 2 Africans is a child
  - 50 million are orphaned or abandoned
  - 10 to 20 million children may be disabled.<sup>1</sup>

<sup>1</sup>African Child Policy Forum

# The Africa Wahl® Sees

## PER CAPITA ELECTRICITY CONSUMPTION IN AFRICA

Country	Rank	consumption per capita (kilowatt-hours)
Algeria	9	929
Angola	20	178
Benin	30	82
Burkina Faso	46	32
Burundi	47	23
Cameroon	16	226
Cape Verde	26	100
Central African Republic	43	35
Chad	48	11
Comoros	45	32
Congo	17	206
Congo DRC	29	86
Cote D'Ivoire	18	206
Djibouti	12	455
Egypt	5	1340
Equatorial Guinea	36	51
Eritrea	33	62
Ethiopia	44	33

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## PER CAPITA ELECTRICITY CONSUMPTION IN AFRICA

Country	Rank	consumption per capita (kilowatt-hours)
Gabon	6	1229
Gambia	24	101
Ghana	14	285
Guinea	28	89
Guinea Bissau	39	45
Kenya	22	154
Libya	2	3347
Madagascar	37	50
Malawi	32	77
Mali	42	38
Mauritania	34	60
Mauritius	4	1683
Morocco	10	649
Mozambique	13	399
Nigeria	21	162
Nigeria	40	40
Papua New Guinea	15	251
Rwanda	41	39

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## PER CAPITA ELECTRICITY CONSUMPTION IN AFRICA

Country	Rank	consumption per capita (kilowatt-hours)
Sao Tome & Principe	23	102
Senegal	19	192
Seychelles	3	2716
Sierra Leone	38	49
South Africa	1	4595
Sudan	25	101
Tanzania	31	78
Togo	27	91
Tunisia	7	1200
Uganda	35	59
Zambia	11	631
Zimbabwe	8	998

# The Africa Wahl<sup>®</sup> Sees

## Population Without Electricity (millions)

Country	Rank	Millions
Angola	11	13.5
Botswana	28	1.1
Burkina Faso	12	12.4
Democratic Republic of Congo	3	53.8
Eritrea	23	3.5
Ethiopia	2	60.8
Gabon	29	0.7
Kenya	5	29.4
Madagascar	9	15.2
Mozambique	8	18.6
Nigeria	1	71.1
Sudan	6	25.4
Tanzania	4	34.2
Uganda	7	24.6
Zambia	15	9.5

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## Population Without Electricity (millions)

Country	Rank	Millions
Algeria	30	0.6
Benin	20	6.5
Cameroon	17	8.7
Congo	24	3.2
Cote d' Ivoire	16	9.1
Egypt	26	1.5
Ghana	14	11.3
Lesotho	25	1.9
Libya	31	0.2
Malawi	13	11.8
Mauritius	32	0.1
Morocco	22	4.5
Namibia	27	1.4
Senegal	19	7.8
South Africa	10	14
Togo	21	5.1
Tunisia	33	0.1
Zimbabwe	18	8.7

# The Africa Wahl<sup>®</sup> Sees

## ELECTRIFICATION RATE

RANK	COUNTRY	RATE (Percentage)
2	Algeria	98
22	Angola	15
17	Benin	22
12	Botswana	39
28	Burkina Faso	7
10	Cameroon	47
8	Cote d'Ivoire	50
29	Democratic Republic of Congo	6
3	Egypt	98
18	Eritrea	20
23	Ethiopia	15
9	Gabon	48
24	Kenya	14

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## ELECTRIFICATION RATE

RANK	COUNTRY	RATE (Percentage)
25	Lesotho	11
4	Libya	97
21	Madagascar	15
27	Malawi	7
5	Mauritius	94
6	Morocco	85
30	Mozambique	6
13	Namibia	34
11	Nigeria	46
15	Senegal	33
7	South Africa	70
16	Sudan	30
26	Tanzania	11
20	Togo	17
1	Tunisia	99
19	Zambia	19
14	Zimbabwe	34

# The Africa Wahl® Sees

TIME REQUIRED TO START A BUSINESS IN AFRICAN COUNTRIES (2006)

RANK	COUNTRY	AVERAGE NUMBER OF DAYS
35	Algeria	24
4	Angola	119
30	Benin	31
6	Botswana	108
29	Burkina Faso	34
22	Burundi	43
21	Cameroon	44
18	Cape Verde	52
40	Central African Republic	14
12	Chad	75
36	Comoros	23
27	Congo	37
20	Cote d'Ivoire	45

# The Africa Wahl® Sees

## TIME REQUIRED TO START A BUSINESS IN AFRICAN COUNTRIES (2006)

RANK	COUNTRY	AVERAGE NUMBER OF DAYS
1	Democratic Republic of Congo	155
27	Djibouti	37
38	Egypt	19
3	Equatorial Guinea	136
9	Eritrea	84
39	Ethiopia	16
15	Gabon	58
33	Gambia	27
11	Ghana	81
24	Guinea	41
16	Kenya	54
13	Lesotho	73
37	Madagascar	21
27	Malawi	37

# The Africa Wahl® Sees

TIME REQUIRED TO START A BUSINESS IN AFRICAN COUNTRIES (2006)

RANK	COUNTRY	AVERAGE NUMBER OF DAYS
23	Mali	42
10	Mauritania	82
19	Mauritius	46
41	Morocco	12
5	Mozambique	113
8	Namibia	95
35	Niger	24
22	Nigeria	43
39	Rwanda	16
2	Sao Tome and Principe	144
15	Senegal	58
26	Seychelles	38
34	Sierra Leone	26
28	South Africa	35
25	Sudan	39
14	Swaziland	61
31	Tanzania	30
17	Togo	53
42	Tunisia	11
32	Uganda	28
28	Zambia	35
7	Zimbabwe	96

# The Africa Wahl® Sees

The demographics, employment and current electricity distribution in Africa clearly show the need for solar based businesses such as the Wahl® Port A Barber®. With an investment payback of just 20 weeks its how we at Wahl see the future of Africa.