



EMPOWERING INDONESIAN WOMEN TO EXPAND CLEAN ENERGY ACCESS IN LAST MILE COMMUNITIES

**AN INNOVATIVE SOLUTION IN EXPANDING ENERGY ACCESS IN SOME OF
INDONESIA'S POOREST PROVINCES**

**ASIA CLEAN ENERGY FORUM 2016
MANILA, 10 JUNE 2016**

WEBSITE www.kopernik.ngo **TWITTER** [@thekopernik](https://twitter.com/thekopernik) **FACEBOOK** facebook.com/thekopernik

CHALLENGE:
THE DEVELOPING WORLD IS STUCK
USING DANGEROUS TECHNOLOGIES

MORE THAN 39
MILLION
INDONESIANS
LIVE WITHOUT
ANY ELECTRICITY,
AND MANY
MORE LIVE WITH
UNRELIABLE
ACCESS TO
ELECTRICITY



CHALLENGE:
SOME LAST MILE COMMUNITIES
HAVE NO TECHNOLOGY AT ALL

56% OF THE
POPULATION
DO NOT HAVE
ACCESS TO
CLEAN WATER

CHALLENGE:
**SOME EXISTING PRODUCTS ARE
INEFFICIENT AND LABOUR-INTENSIVE**

**ENERGY
POVERTY
AFFECTS
WOMEN THE
MOST**



» KOPERNIK WONDER WOMEN INDONESIA

**♀ 400
WOMEN**



**MORE THAN
16,000
TECHNOLOGIES
SOLD**



**MORE THAN
7,000
TONNES OF CO2
REDUCED**



**WOMEN PARTICIPATE IN TRAINING TO
BECOME CLEAN ENERGY MICRO-SOCIAL
ENTREPRENEURS, RECEIVE TECHNOLOGIES
TO SELL ON CONSIGNMENT**

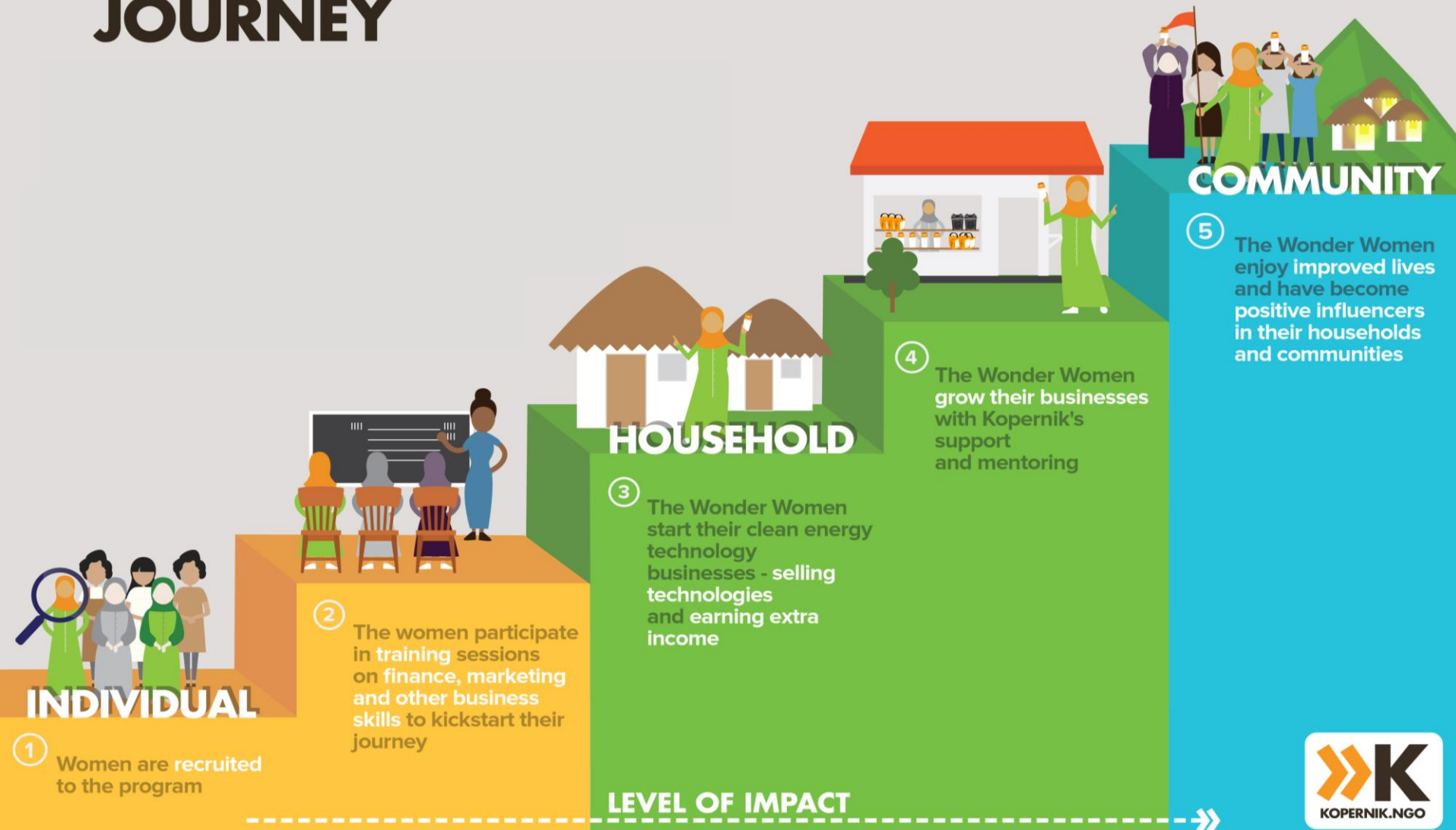
AWARDS & RECOGNITIONS



United Nations
Climate Change Secretariat



» WOMEN'S EMPOWERMENT JOURNEY



WONDER WOMEN MONTHLY INCOME INCREASE

Figures are in Indonesian Rupiah (13,835 IDR/USD).

Agent code*	Baseline income	Tech agent main income change	Kopernik margin	Total Income	Margin (% of baseline)	Avg. tech sold/month
030102	2,800,000	2,378,000	1,345,417	6,523,417	48.1	24
010310	2,000,000	(-1,600,000)	1,272,500	1,672,500	63.6	18
010311	1,700,000	2,800,000	797,000	5,297,000	46.9	18
030305	3,700,000	(-700,000)	557,778	3,557,778	15.1	15
030207	1,150,000	(-150,000)	450,417	1,450,417	39.2	9
030203	1,500,000	(-350,000)	348,750	1,498,750	23.3	6
010313	550,000	1,250,000	305,556	2,105,556	55.6	7
030202	750,000	0	280,000	1,030,000	37.3	5
030211	6,800,000	(-800,000)	257,500	6,257,500	3.8	5
010214	2,000,000	2,572,000	251,250	4,823,250	12.6	3
030306	4,500,000	(-550,000)	223,125	4,173,125	5.0	7
010105	300,000	500,000	200,500	1,000,500	66.8	5
060128	1,800,000	1,016,666	160,000	2,976,666	8.9	4
060101	5,650,000	550,000	160,000	6,360,000	2.8	4
010109	1,340,000	(-1,240,000)	158,000	258,000	11.8	4
010108	506,666	43,334	149,500	699,500	29.5	4
010107	2,155,000	(-955,000)	143,000	1,343,000	6.6	3
030125	500,000	0	136,429	636,429	27.3	3
030114	0	350,000	135,000	485,000	n/a	4
030124	4,350,000	(-350,000)	105,714	4,105,714	2.4	2
030113	7,000,000	550,000	103,333	7,653,333	1.5	3
060127	800,000	(-200,000)	93,333	693,333	11.7	2
010205	1,600,000	(-150,000)	88,750	1,538,750	5.6	2
010110	500,000	(-384,000)	66,000	182,000	13.2	2
060116	37,500	2,462,500	63,333	2,563,333	168.9	1
060150	1,500,000	(-800,000)	62,778	762,778	4.2	1
060144	1,200,000	(-700,000)	57,778	557,778	4.8	1
060142	1,400,000	(-1,150,000)	55,000	305,000	3.9	1
020105	5,200,000	(-3,163,400)	52,917	2,089,517	1.0	1
010106	525,000	(-275,000)	51,000	301,000	9.7	1
060118	2,200,000	(-1,583,334)	46,667	663,333	2.1	1
060147	1,050,000	1,885,000	33,333	2,968,333	3.2	1
030118	875,000	0	28,125	903,125	3.2	1

**TOP
20%**

**USD
57.49**
IDR 735,590
Average margin
received per month

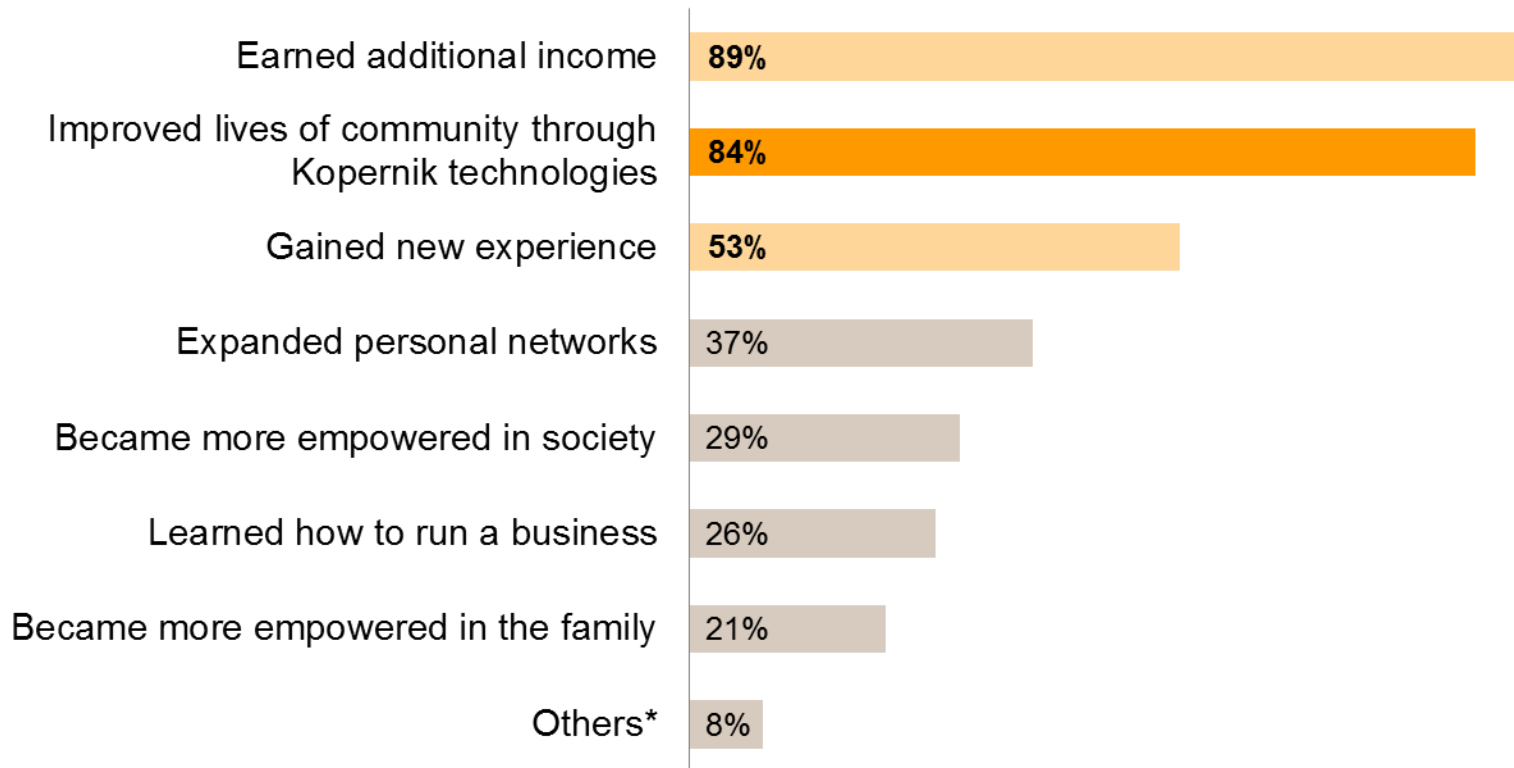
13.84
Technologies sold
per month

* Two respondents declined to participate in this analysis

WONDER WOMEN FULFILLED ASPIRATIONS

Aspirations MSE have fulfilled in the past 12 months

Multiple responses; Percentage (n=38)



* Other fulfilled aspirations mentioned are: "Able to provide an example and motivation to others on how to get extra income and how to save," "became a role model and teach my children about entrepreneurship," and "able to change the mindset of several people regarding the importance of drinking clean water."

**MAKING SIMPLE
CLEAN ENERGY
TECHNOLOGY
AVAILABLE IN
REMOTE VILLAGES
HAS A HUGE IMPACT
ON WOMEN'S LIVES**



ADVOCATING WOMEN'S ECONOMIC EMPOWERMENT

INDONESIAN WOMEN FOR
ENERGY CAMPAIGN
#IDWOMEN4ENERGY

INDONESIAN WOMEN

Powering up Indonesia,

**INDONESIAN WOMEN FOR
ENERGY CAMPAIGN
#IDWOMEN4ENERGY**