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SIMPLE LIFE-CHANGING TECHNOLOGY

GOOD PRACTICES AND TECHNOLOGY SHARING OF SOCIAL INNOVATION

**ASEAN-UNESCO SENIOR OFFICIALS FORUM
ON SOCIAL INCLUSIVENESS IN INNOVATION
FOR SUSTAINABLE DEVELOPMENT
KUALA LUMPUR, 29 OKTOBER 2015**

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OUR MISSION

KOPERNIK'S MISSION

» KOPERNIK
CONNECTS SIMPLE
TECHNOLOGY WITH
LAST MILE COMMUNITIES
TO REDUCE POVERTY

CHALLENGES

CHALLENGE:
THE DEVELOPING WORLD IS STUCK
USING DANGEROUS TECHNOLOGIES

MORE THAN 80
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**

**MANY CHILDREN IN
RURAL INDONESIA
STILL USE
KEROSENE LAMPS
FOR STUDYING AT
NIGHT**

A person wearing a purple long-sleeved shirt and blue pants stands next to a concrete well. A white plastic water container is attached to the person's side, and a blue hose is connected to the well. The well is made of dark, weathered concrete blocks, some of which are covered in green moss. The scene is outdoors, and the ground is dry and cracked.

CHALLENGE:
SOME LAST MILE COMMUNITIES
HAVE NO TECHNOLOGY AT ALL

**4,000 CHILDREN
DIE EACH DAY IN
THE DEVELOPING
WORLD FROM
UNCLEAN
DRINKING WATER**



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

**ENERGY
POVERTY
AFFECTS
WOMEN THE
MOST**

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

**WOMEN AND
CHILDREN ARE
EXPOSED TO
EXCESSIVE
SMOKE WHEN
COOKING OVER
INEFFICIENT
TRADITIONAL
STOVES,
TRIGGERING
MYRIAD HEALTH
PROBLEMS**



SOLUTIONS

MANY NEW TECHNOLOGIES
ARE DESIGNED TO BE
ULTRA-AFFORDABLE



THIS WATER
FILTER REMOVES
99.99% OF
WATERBORNE
BACTERIA, CAN
BE USED BY AN
ENTIRE FAMILY,
REQUIRES NO
TECHNICAL
EXPERTISE TO
INSTALL, AND
IS VERY
AFFORDABLE



**MANY NEW TECHNOLOGIES
ARE DESIGNED TO BE
SUSTAINABLE & ENERGY-EFFICIENT**



**SIMPLE SOLAR
LIGHTING IMPROVES
HEALTH, ENABLES
CHILDREN TO STUDY
AFTER DARK, AND
CAN INCREASE
FAMILY INCOME**

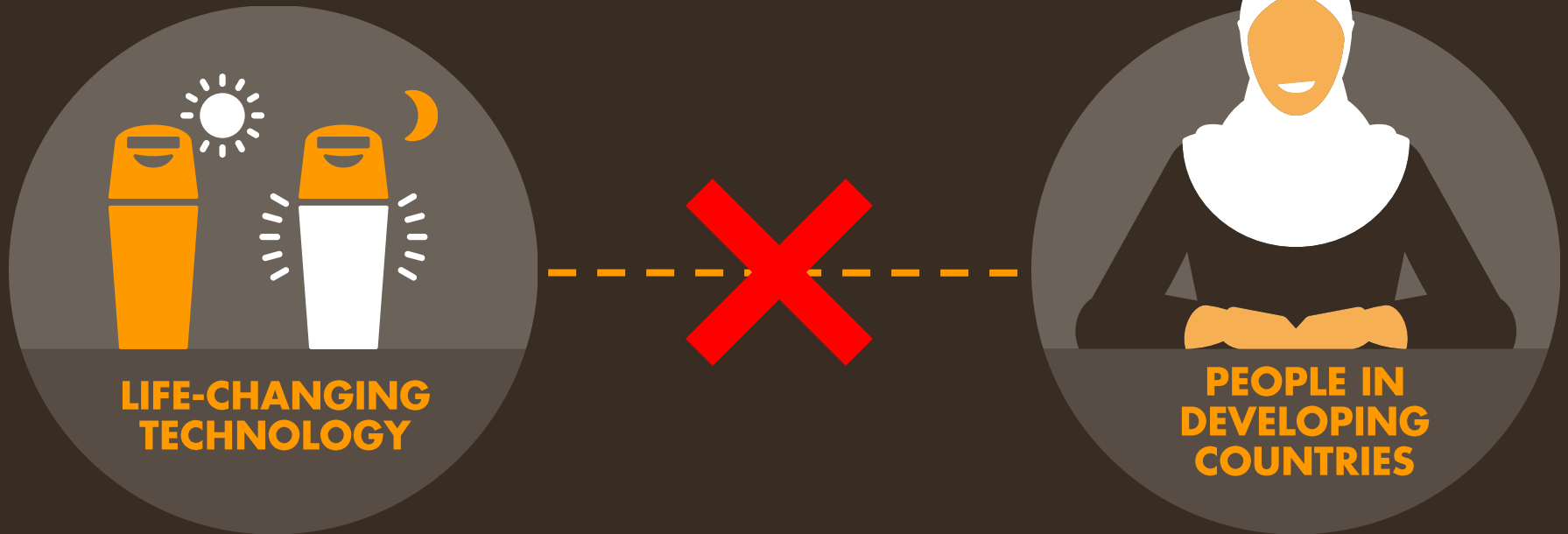
**MANY NEW TECHNOLOGIES
ARE DESIGNED TO BE
SUSTAINABLE & ENERGY-EFFICIENT**



**IMPROVED AND
FUEL-EFFICIENT
COOKSTOVES LEAD
TO A REDUCTION OF
INDOOR AIR
POLLUTION AND
RELATED
RESPIRATORY
DISEASE**



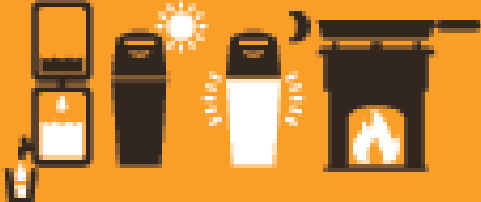
MANY GREAT TECHNOLOGIES EXIST, BUT ARE NOT REACHING THE PEOPLE WHO NEED THEM



- Users **can't afford** the technologies upfront without credit or repayment schemes
- Manufacturers **can't reach** users in **remote areas**
- No way to **introduce products** and **foster adoption**

» KOPERNIK WONDER WOMEN INDONESIA

 **330**
WOMEN

 MORE THAN
12,500
TECHNOLOGIES
SOLD

 MORE THAN
6,000
TONNES OF CO2
REDUCED



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

SPEND THEIR EXTRA INCOME
TO BENEFIT THEIR FAMILIES



RECOGNISED BY THE UNFCCC WITH A
MOMENTUM FOR CHANGE AWARD
IN THE 'WOMEN FOR RESULTS'
CATEGORY





**WOMEN ARE TRAINED ON
FINANCIAL LITERACY,
MARKETING, AND OTHER
SKILLS TO GET THEM
START THEIR WONDER
WOMEN JOURNEY**



**THE WONDER
WOMEN WHO SELL
THE TECHNOLOGIES
ARE SUPERHEROS IN
THEIR VILLAGES**



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

MAMA ROVINA'S STORY




RECOMMENDATIONS FROM KOPERNIK



WOMEN HAVE A VITAL ROLE TO PLAY IN EXPANDING ENERGY ACCESS AND ACCESS TO SIMPLE, AFFORDABLE, LIFE-CHANGING TECHNOLOGY IN REMOTE REGIONS - CREATING A CLEANER, HEALTHIER, SAFER ENVIRONMENT FOR THEMSELVES, FOR THEIR FAMILIES, AND FOR FUTURE GENERATIONS.

RECOMMENDATIONS FROM KOPERNIK

A woman wearing a purple hijab and a black and white floral dress stands in a small, cluttered shop. She is positioned next to a large, blue, two-tiered water dispenser. The shop has various items hanging from the ceiling and on shelves, including bags of snacks and other goods. The lighting is somewhat dim, and the overall atmosphere is that of a local, informal business.

WE BELIEVE THAT THIS MODEL OF CLEAN ENERGY MICRO-SOCIAL-ENTERPRISE IS AN EXTREMELY EFFECTIVE WAY OF IMPROVING LIVES IN REMOTE VILLAGES. WE WANT TO SEE A SHIFT IN VIEWING WOMEN AS VICTIMS OF ENERGY POVERTY, TO SEEING WOMEN AS VITAL ACTORS IN DRIVING FORWARD CLEAN ENERGY SOLUTIONS.

RECOMMENDATIONS FROM KOPERNIK



WE BELIEVE THAT WOMEN, WHEN EMPOWERED, ARE VITAL TO FACILITATING ENERGY ACCESS WHERE IT IS NEEDED THE MOST.

RECOMMENDATIONS FROM KOPERNIK



WE ENCOURAGE THE GOVERNMENT AND DONORS TO ALLOCATE INVESTMENTS TO ENERGY PROGRAMS IN THE REGION WHICH REFLECT WOMEN'S NEEDS, AND CREATE NEW ECONOMIC OPPORTUNITIES FOR WOMEN.



“I WANT TO DEDICATE MY LIFE TO THE COMMUNITY. I WANT ALL OF US TO LIVE A BETTER LIFE. WHAT I DO IS SO SMALL, BUT IT BENEFITS SO MANY. IT OPENS MINDS FOR THE COMMUNITY TO TAKE CARE OF THE ENVIRONMENT, SAVE MONEY FOR DAILY NEEDS, AND PLAN FOR THE FUTURE.” – KAK BOLEN