

# PAINTING INDOMESIA

stories of people loving the nature and developing welfare.



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Cover Photo: Feri Latief

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PAINTING

ature provides so much color to life. Not only it is as a space to grow, learn, and develop, it also offers various resources for the continuation of human living from one generation to the next. Indonesia deserves to be proud of its natural endowment. The management of these resources must be directed towards the greatest prosperity of the people of Indonesia.

Communities are at the heart of natural resources management. They are the ones who live closest to the nature, and they are the ones most affected by its changes. Supports from facilitating institutions aimed at improving people's ability in managing nature and disseminating community spirit to other groups are imperative to harmonize efforts in protecting this natural capital.

The stories are narrated in five sections.

## Nature, Humans, and Civilization.

This section introduces the interaction among natural resources, local wisdom, and human intelligence which produces numerous innovations and knowledge. This interaction constantly endures the great challenges of natural resource depletion.

## Conserving, Restoring, and Recalling Social Memories

The second section outlines various community efforts to maintain and develop the potential of their natural resources through local wisdom. These efforts range from revitalizing *lurik* and *tenun* (traditionally woven fabrics) to converting sunlight, water, and manure into electric light.

## **Conserving Food Sources**

Food becomes the center of the third section. Not only the staples, such as rice, maize, cassava, tubers, and fish; but also honey, mangroves, and koro (type of beans) – where all are processed into hearty dishes and foods. The development of these local ingredients has proven to be critical in conserving biodiversity and increasing the role of women to improve the nutrients for the family and to contribute to family income.

#### **Continuing Best Practices**

Who said communities cannot be independent? The fourth section shares stories of communities that manage to ensure the sustainability of their programs. Cooperatives, ecotourism development, social entrepreneurship, and alternative economic models unique to the local ecosystem, have been their apt endeavors to stand on their own feet.

## Learning, Working, and Celebrating the Efforts

This concluding piece would like to remind us that sharing, exchanging experiences, and working hard propel communities to attain their dreams. It does not stop there, however, as hard work and solidarity need to be celebrated as evidenced in the Ningkam Haumeni in Mollo, East Nusa Tenggara and Festival Mata Air in Salatiga, Central Java.



## Nature Humans Civilization

Nature provides a wealth of diversity, landscapes, ecosystems, species, and genetic properties.

In human hands, the diversity produces knowledge.

Social, cultural, economic, and political knowledge give birth to civilization.

01 Building a lopo, round house, requires straight, sturdy, and hard Eucalyptus and Cajuput wood.

OAT- South Central Timor, NTT.

Photo: Dwi Rahardiani

02 Organic farmers youth cadres.

Karang Widya - Cianjur, West Java.

Photo: Dwi Rahardiani











Conserving Restoring Recalling Social Memories











O'



0

Krapyak Village was devastated not only by the Jogjakarta earthquake seven years ago, but also by the challenges of both the aging machines and weavers.

Lawe and the lurik weavers have transformed the challenges of nature and human resources into encouragement to develop the lurik business.

01 02 03 Weaving equipment were severely damaged by May 2006 earthquake.

Lawe - Krapyak Wetan, Yogyakarta.

Photo: Collection of GEF SGP Indonesia.





"We want to weave together all of the hopes that remain, so that weavers themselves are revived,"

said Adinindyah, representing her friends in Lawe.

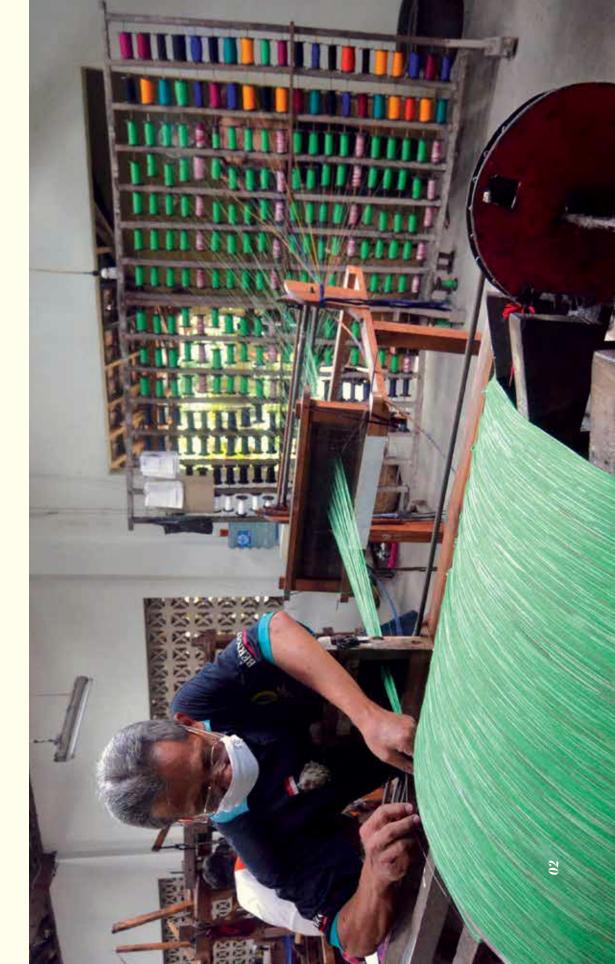
01 Exchanging stories between activists of lurik Yogyakarta and tenun Molo.

Lawe dan OAT- South Central Timor, NTT.

Photo: Collection of Lawe.

02 Harmonizing 2100 strands for a piece of lurik.

Lawe - Krapyak Wetan, Yogyakarta. Photo: Dwi Rahardiani









01

# "We performed rituals. Plus tens of thousands of trees have been planted to restore water sources and forests,"

said Aleta Baun from OAT (Organisasi A'Taimamus)

01 Regular meeting of Tiga Batu Tungku traditional leaders: Molo, Amanuban, and Amanatun.

OAT - South Central Timor, NTT.

Photo: Feri Latief.

02 The ability to spin cotton, belongs only to women of more than 50 years old.

OAT- South Central Timor, NTT.

Photo: Feri Latief.







Conserving coasts, transplanting coral reefs, taking care of mangrove forests, managing peat lands.

For fish to come, for mangrove leaves to be picked for pandanus to be woven, and certainly, for fishermen's welfare to improve.



**01** Mangrove nursery with seeds collected from the remaining trees by the river.

Muara Tanjung -Sei Nagalawan, North Sumatra. Photo: Dvi Rahardiani. The women's group of Muara Tanjung took the initiative to reforest the mangroves areas along the coast of Sei Nagalawan Village.



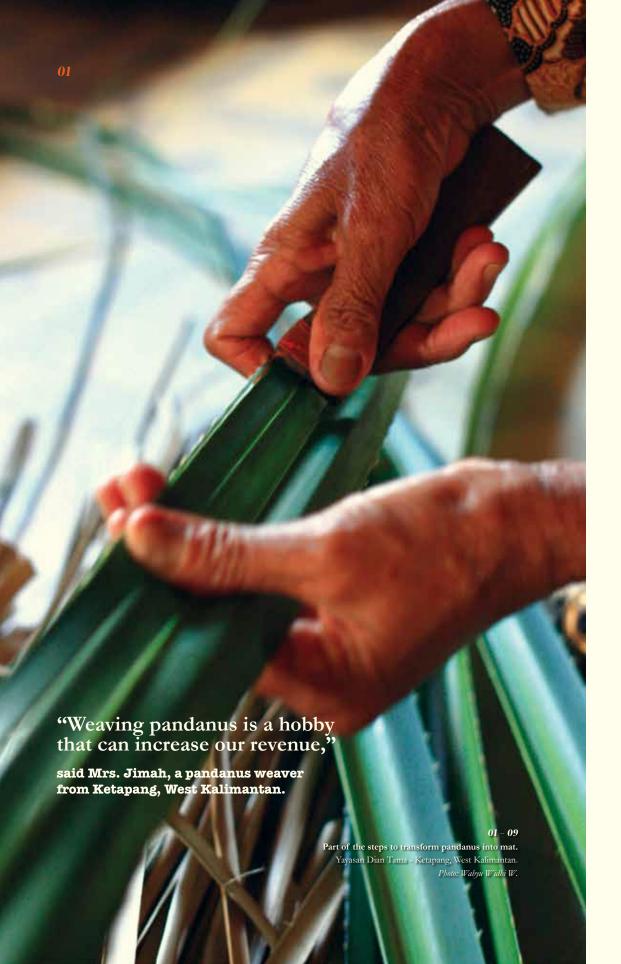
01

01 02 People believe that mangroves could save the coast of their hamlet from abrasion.

Muara Tanjung -Sei Nagalawan, North Sumatra. *Photo: Dwi Rahardiani.* 











"No ornamental fish would come here a while back, but now, since the coral reefs have started to grow, many have come,"

said Wayan Patut, the Chairman of Karya Segara Group.

01 Unique underwater ecosystem of Serangan has placed them as an alternative tourist destination in Bali. Karya Segara - Serangan, Bali. Photo: Collection of GEF SGP Indonesia.







02



03

01 Within one year, the 5 cm coral grows to 15 cm high.

 ${\color{red}02~03}$  Various shapes of coral transplantation growing media to be placed underwater.

Karya Segara - Serangan, Bali. Photo: Sandika Ariansyah.



02



03



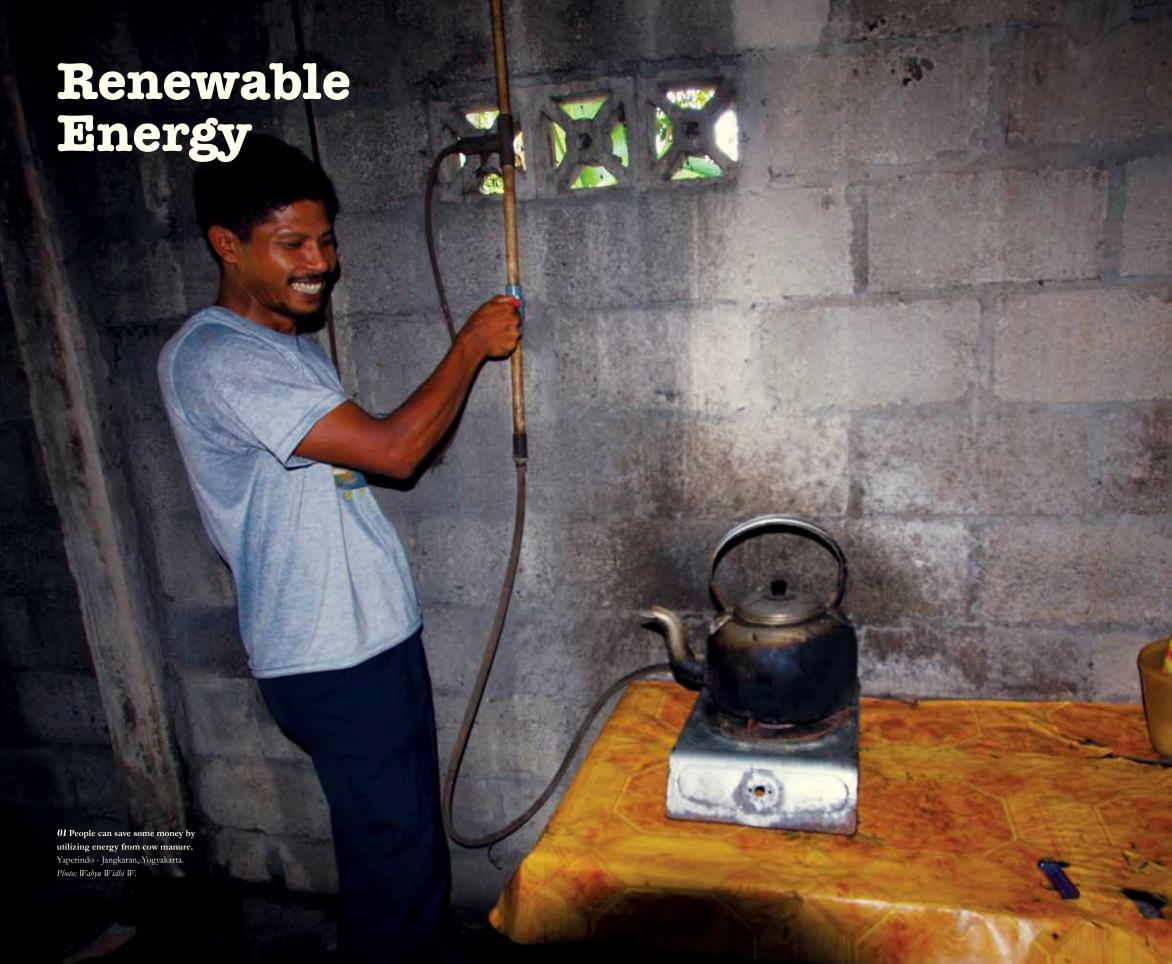
**01** Seahorse aquaculture and adoption is another method of Serangan Island marine park conservation.

Karya Segara - Serangan, Bali. Photo: Sandika Ariansyah.

## 02 03 Hard coral transplants training.

Karya Segara - Serangan, Bali. Photo: Collection of GEF SGP Indonesia. Transplanting hard coral, reviving Serangan Island's Marine Park.





Sources of inexhaustible energy are in the sky, rivers, and in the backyard with the livestock.



01



01 Manure from 2-4 cows could turn on the digester for one day. Yaperindo - Jangkaran, Yogyakarta. Photo: Wahyu Widhi W. **02** The water debit of Muluy River have generated lights to 55 houses. PADI -

Gunung Lumut, East Kalimantan.

Photo: Collection of GEF SGP Indonesia.

03 Protecting forest means keeping a good debit of river water to fuel the electricity.

Farmers Group Cundai oh Cundai -Ketapang, West Kalimantan. *Photo: Wahyu Widhi W.* 



Villagers of Jangkaran, Kulon Progo, Yogyakarta convert cow manure into gas for cooking and lighting homes.





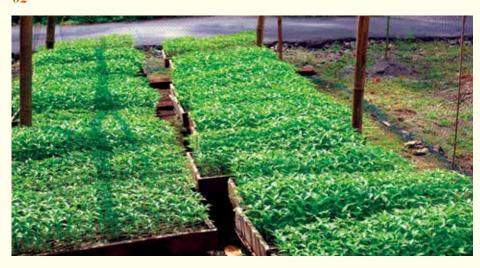
01 02 People of Jangkaran utilize biogas for cooking. Yaperindo - Jangkaran, Yogyakarta. Photo: Wabyu Widbi W.

03 Digester, turning cow manure into energy. Yaperindo - Jangkaran, Yogyakarta. Photo: Wabyu Widbi W.



There used to be only one digester in the area, then there were 10 in 2009, and today there are 250 digesters throughout Kulon Progo.





01 02 Coastal reforestation can support food supplies for both people and cattle. Yaperindo - Jangkaran, Yogyakarta.

Photo: Wahyu Widhi W.

the cooking gas they usually bought. Yaperindo - Jangkaran, Yogyakarta.

03 Mothers are happy because biogas is cheaper than Photo: Wahyu Widhi W.



Cibuluh Hamlet in West Java,
Dayak Paser indigenous people in
East Kalimantan, and the people of
Kampong Kebuai in West Kalimantan,
enhance the functions of the flow of
their rivers, the Cirompang, Muluy, and
Tayap, to become sources of electricity
which light up more than 1,000 homes.





01 02 03 People of Cibuluh worked together to build a microhydro.

02

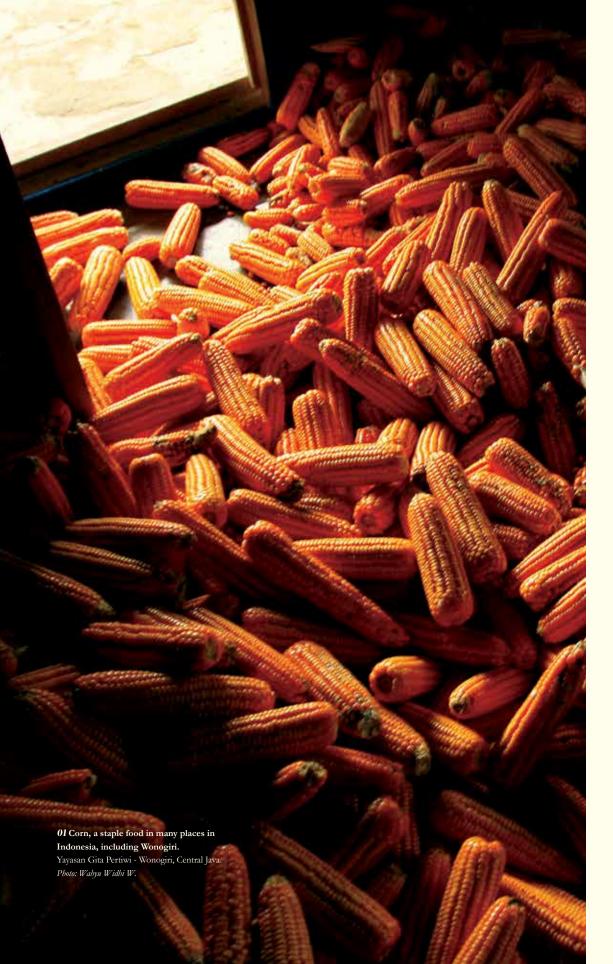
YPAL - Cibuluh, West Java.

Photo: Collection of GEF SGP Indonesia.









## Conserving Food Resources





The sources of family food are in the forest, gardens, fields, houses, barns, and food banks.

All are jointly managed by men and women, father, mother, and children.

01 Having only one planting season per year, communal working becomes an annual habit. Cipto Makaryo - Jetis, Yogyakarta. Photo: Collection of Cindelaras.



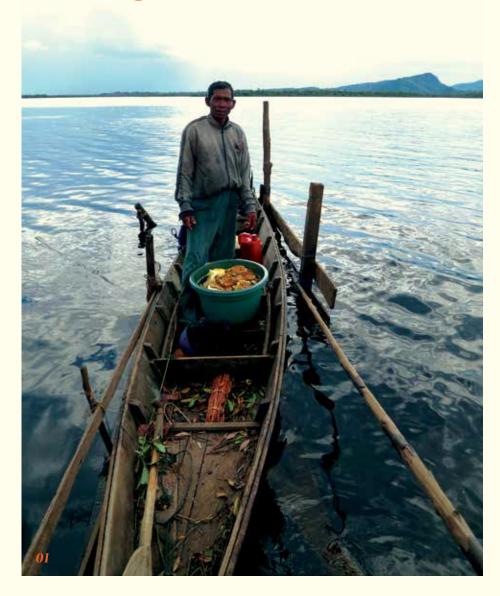






## Insects and flowers make honey.

Humans harvest it and bring it to another level.



01 Association of Periau of Sentarum Lake collect forest honey using sustainable method.

Yayasan Riak Bumi - Sentarum Lake, West Kalimantan. *Photo: Collection of Riak Bumi.* 

02 Certification of Organic Food System for forest honey in Sentarum Lake has made the price more competitive.

Yayasan Riak Bumi - Sentarum Lake, West Kalimantan. *Photo: Collection of Riak Bumi.* 



Together, periau – the traditional forest honey farmer group in Lake Sentarum National Park – harvest the honey from swamp forests using traditional methods, then process, package, and send it away to market.

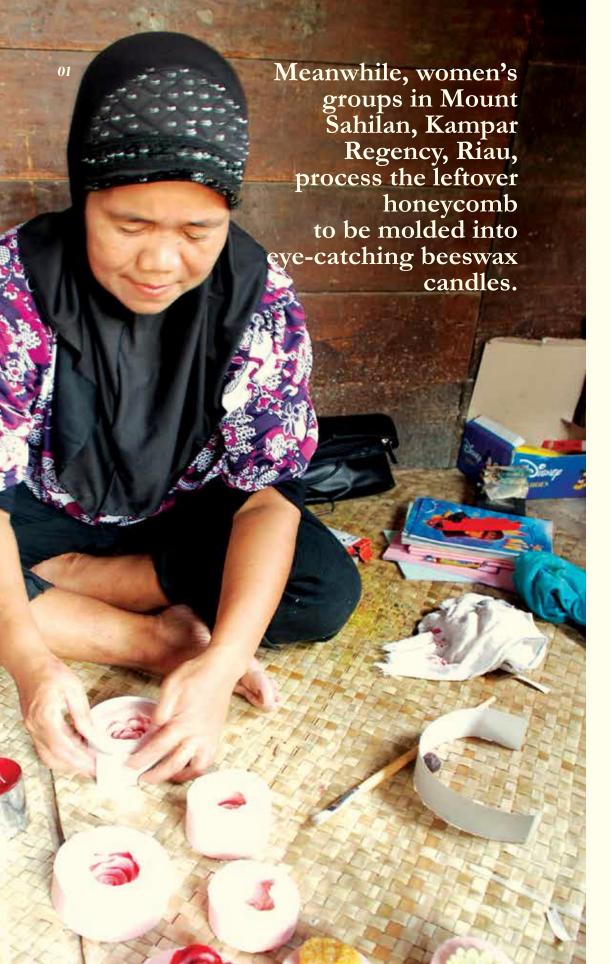


01

Ol During harvest, periau fog the bees to fly out from their comb using the smoke from bamboo. Yayasan Riak Bumi - Sentarum Lake, West Kalimantan. Photo: Collection of Riak Bumi.

02 Each comb is inhabited by more than 10,000 bees. Yayasan Riak Bumi - Sentarum Lake, West Kalimantan. Photo: Collection of Riak Bumi.







02



01 02 03 Wax creations out of the processed honeycomb from Sialang trees.
Kudapan - Gunung Sahilan. Riau.
Photo: Dwi Rahardiani.







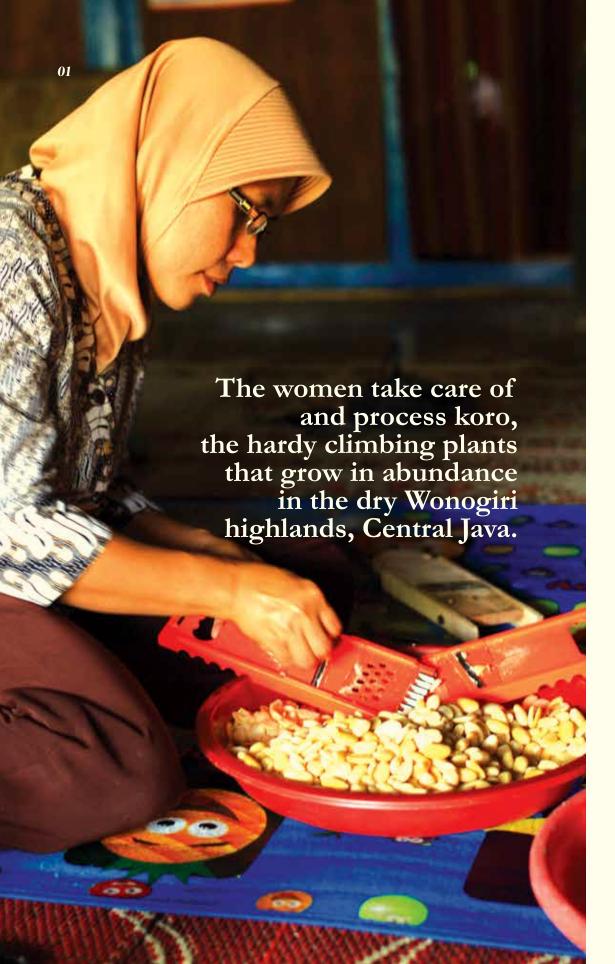
Women and the environment are inseparable.

In Wonogiri, women plant, tend, harvest, and process koro into nutritious healthy products with economic value.



01 - 05 The process of making Tempe chips out of Koro Begug. Yayasan Gita Pertiwi -Wonogiri, Central Java. Photo: Wahyu Widhi W.













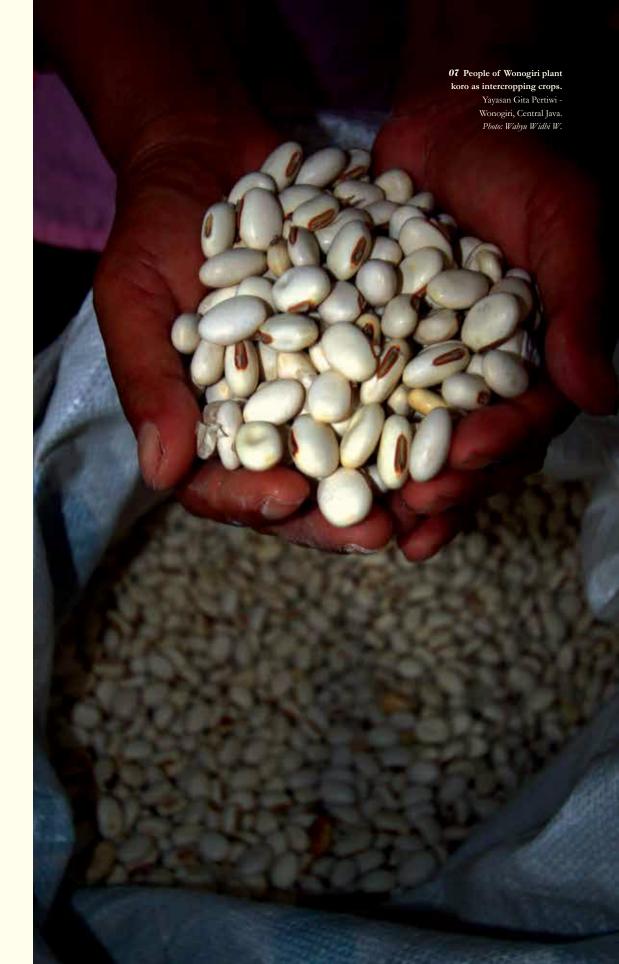
01 - 05 The making process of tempe benguk, a unique food of Wonogiri from Koro Begug. Yayasan Gita Pertiwi -Solo, Central Java. Photo: Wahyu Widhi W.

There used to be 32 kinds of koro, but after 15 years, only 8 kinds remain.

Now, Dewi Sri Selopuro group has created a seed bank to recover its diversity.



- 01 Koro Pedang
- 02 Gude Hitam
- 03 Glinding Blirik
- 04 Kecipir
- 05 Kecipir Hitam
- 06 Koro Uceng
- Photo: Widhi Wahyu W







## Jeruju grows on the coast. It is a shrub with serrated leaves and has numerous uses.



01







01 02 03 04 05 The process of making Jeruju Chips. Muara Tanjung dan SPPN Sergai - North Sumatra. Photo: Dwi Rabardiani









## Continuing Best Practices











01 - 05 (from top to down) Vision Board of GEF SGP's partners: Yayasan Gita Pertiwi, Tanam Untuk Kehidupan, Serikat Tani Merdeka, and Kospin Permata.

Proposal Development Workshop GEF SGP Indonesia -Solo, Central Java. Photo: Collection of GEF SGP Indonesia.



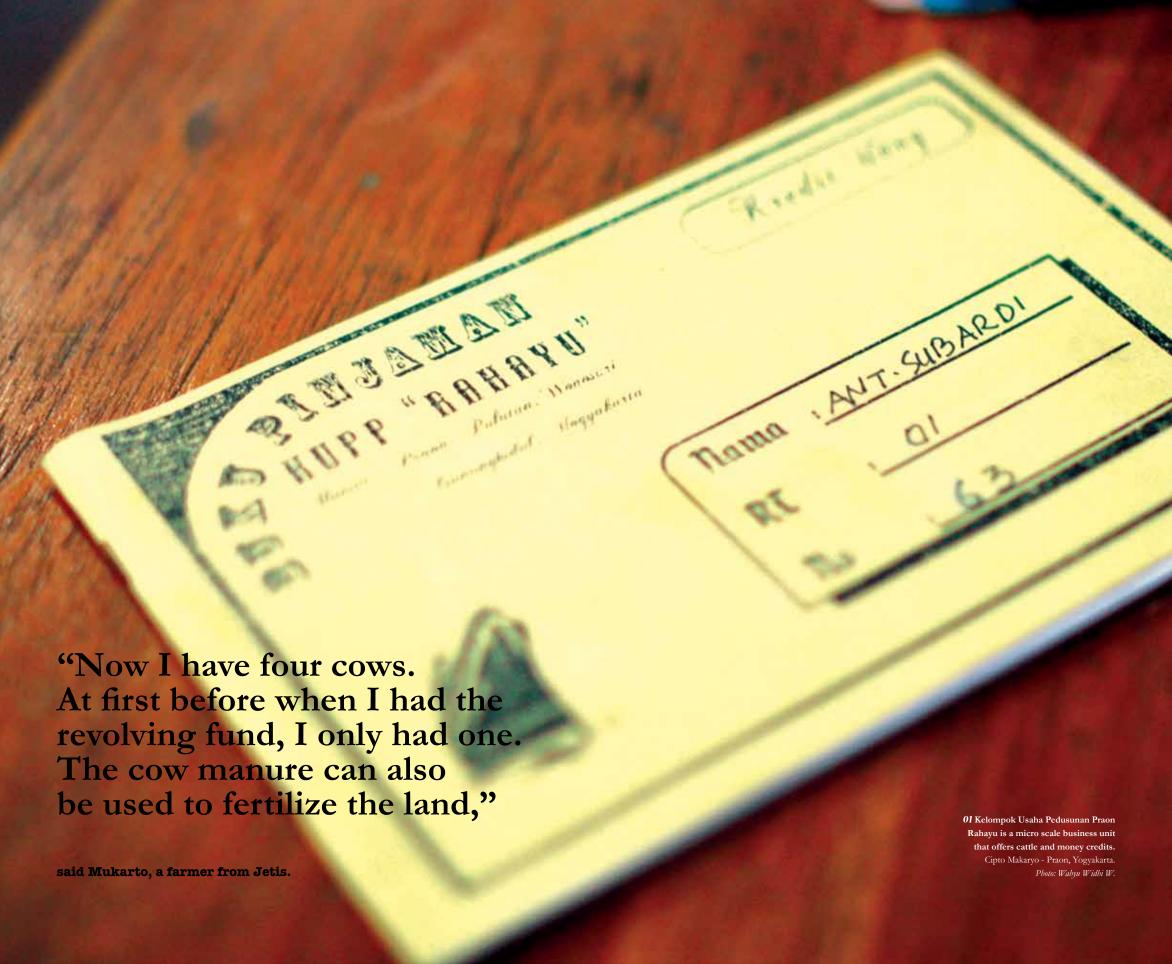


Barter, pawn, save, and savings and loan are a selection of tools to improve and sustain the economic conditions of families and groups.

A savings and loan cooperative need not stand alone. It can be combined with the saving mechanism of agriculture business.

A notable example is the gaduh gilir (revolving fund) scheme in Jetis and Praon hamlets, Gunung Kidul.



















The people of Selimbau, Leboyan, Pelaik River, and Pengerak Villages, who are united in the Orchid Tourism Group of Lake Sentarum (KWADS), offer an ecotourism cruise along the Kapuas River to venture and find varieties of wild orchids.









01 Phalaenopsis zebrina
02 Bulbophyllum vaginatum
03 Bulbophyllum acuminatum
Yayasan Riak Bumi - Sentarum Lake, West Kalimantan.

Photo: Collection of Riak Bumi.

04 Dendrobium scundum Yayasan Riak Bumi - Sentarum Lake, West Kalimantan. Photo: Wahyu Widhi W.









01 - 03 Numbers of ecotourism packages. Belitung, Bangka Belitung.

Photo: Collection of KPLB.



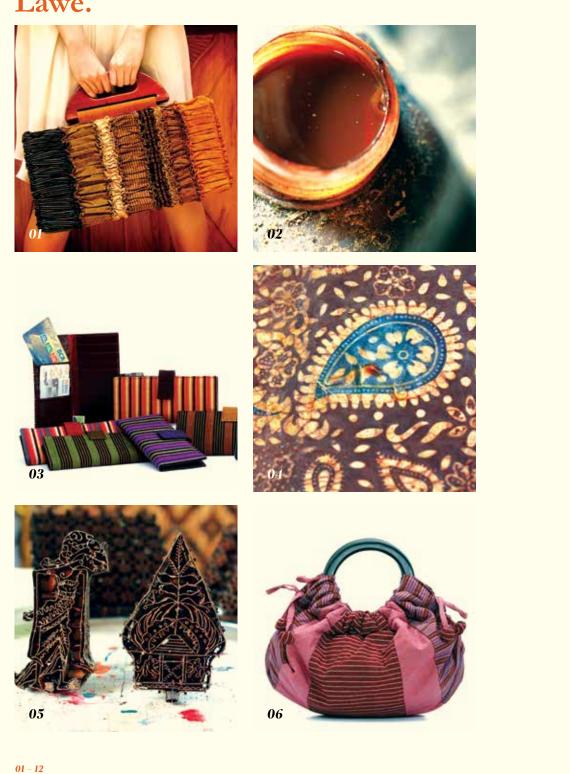




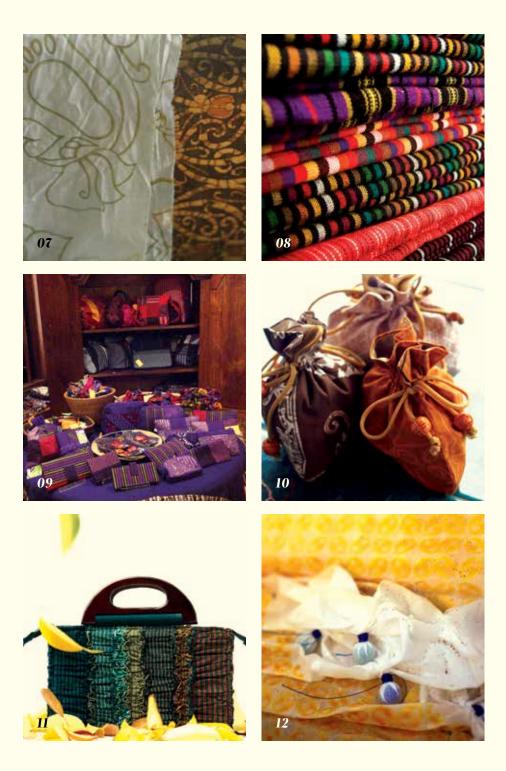




## Lawe.



Lurik creations. Lawe - Yogyakarta. Photo: Wahyu Widhi W and Collection of Lawe.



## Greeneration Indonesia.



01 - 12
Plastic bag alternatives.
Greeneration Indonesia - Bandung, West Java.
Photo: Collection of GI.



## and Yayasan Dian Tama.



01 - 12
Pandanus creations.
Yayasan Dian Tama - Ketapang, West Kalimantan.
Photo: Collection of YDT.







"Teras Mitra provides a home for SMEs that aspire to protect the environment by using business as a tool – instead of the other way around.

Here, the green entrepreneurs share access to finance, knowledge, and the potential market for sustainable business,"

said Meynar Sihombing, Microfinance Consultant and GEF SGP Indonesia National Steering Committee.

Ol Teras Mitra collaborates with young designer from Yogyakarta to echo the voice of the women from East Indonesia through trend-setting design. Photo: Collection of Lawe.





Learning, working, and being grateful are a cycle.

Sharing and exchanging experiences are an infinite spirit nurtured by communities wherever they are, to ensure life sustainability to ensure the services of nature.

Gratitude manifests in various ways. One is through festivals, such as Ningkam Haumeni Festival in Mollo and Festival Mata Air (Spring Festival) in Salatiga. Festivals, however, are beyond celebrations of victory. Rather, they are celebrations of efforts born out of inspiring stories and exchanges of best experiences, which grow out from skills sharing and hard work.

Festival are beyond celebrations of victory, but that of struggles that nurture memories of the human body and nature, binding family ties, between village and city, upstream, and downstream.

Keep learning, working, and celebrating these festive efforts.