

# ALAM SEHAT LESTARI



2019 REPORT

"Saving Rainforest With Stethoscope"



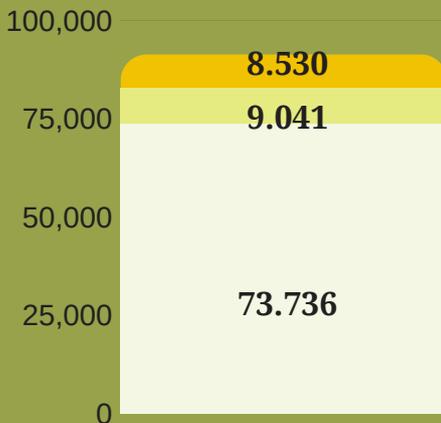
# HEALTH

## Visit and Diagnoses

Between January - December 2019, 4,727 individual patients accessed health care at ASRI Clinic including general medical treatment, dental care, maternal and child care, and more.



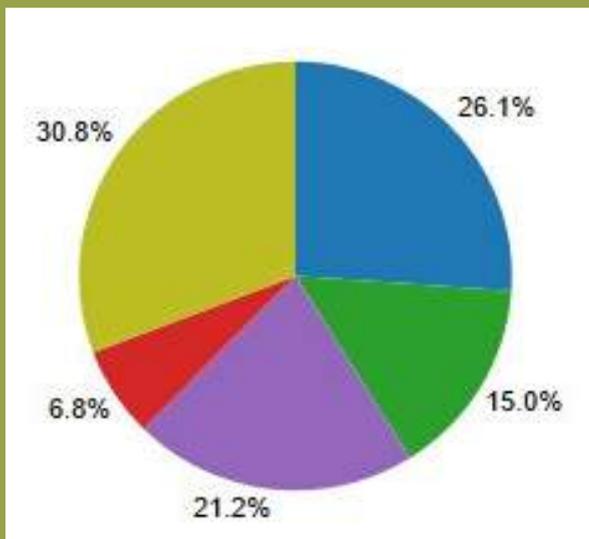
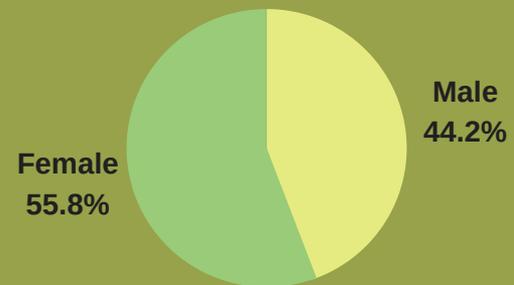
### • Visits



### • Individual Patients



### • Gender



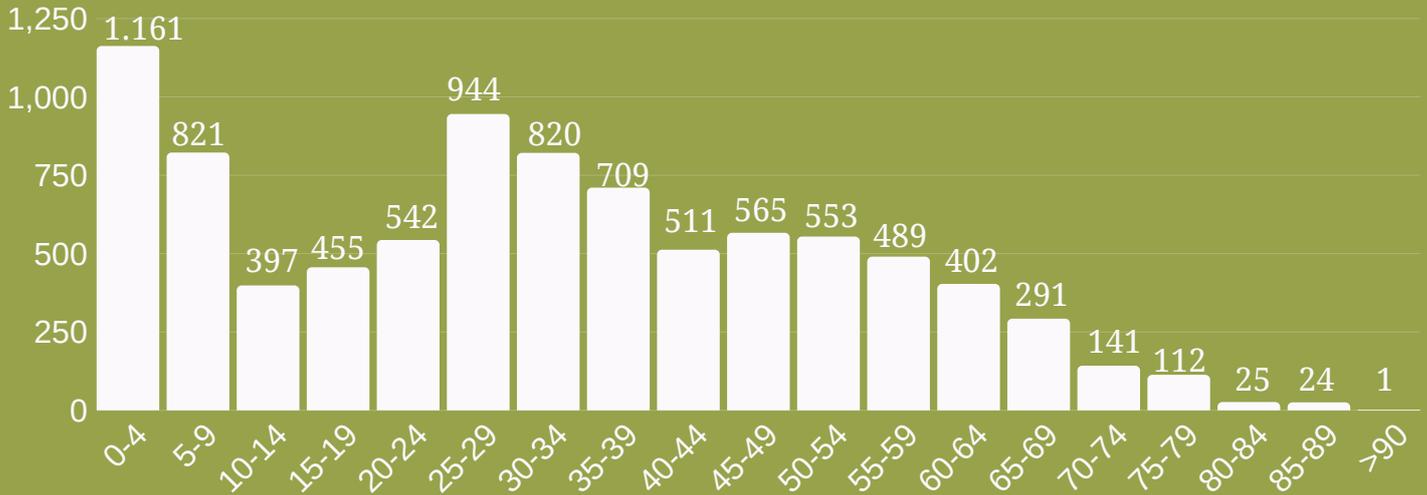
### • Visits By Eco-Status

- Outside ASRI's operational area
- Not bordering national park, no logging
- Forest protected, no logging
- More than 4 active logging indicators
- 1-3 active logging indicators

# HEALTH

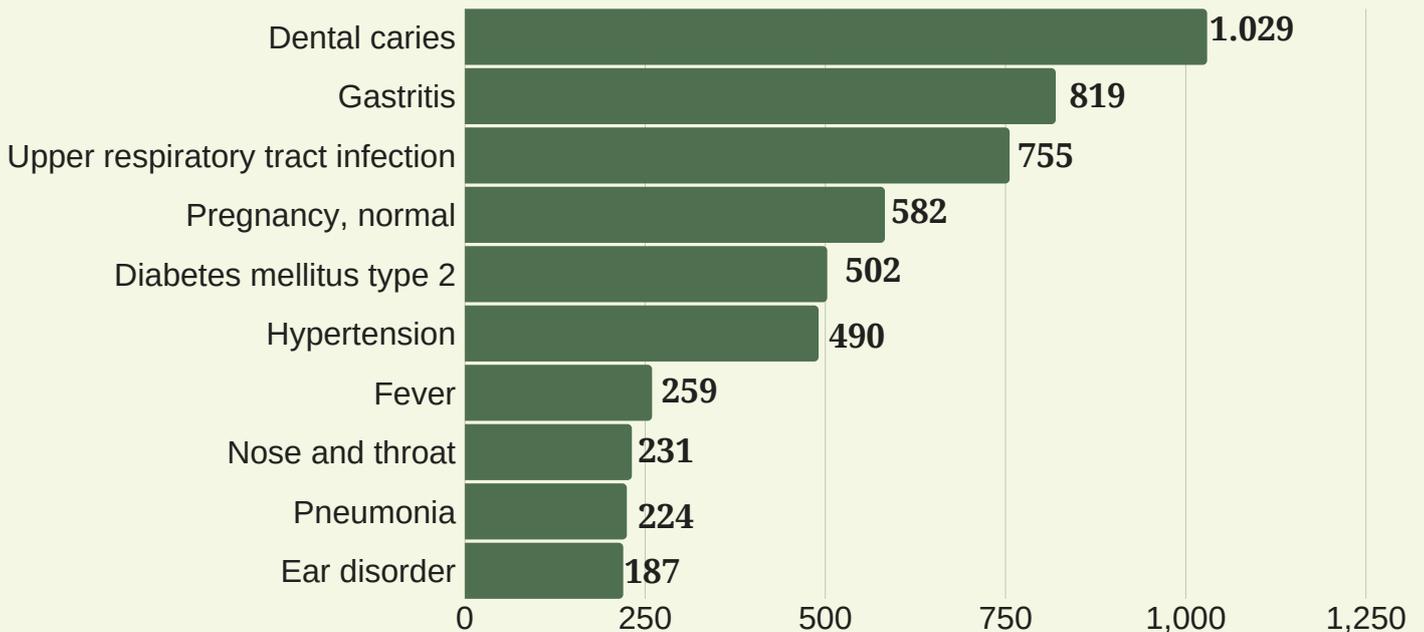
## Visit and Diagnoses

### • Visits by Age



Most patients accessing ASRI health care were baby age, 0-4 years old

### • Top Ten Diagnoses



Dental caries, gastritis, and upper respiratory tract infection cases were the most common diagnoses in 2019

# HEALTH

## Mobile Clinic and DOTS

### • Mobile Clinic

The Mobile Clinic brings health services to patients in remote areas. Every month, ASRI's Mobile Clinic visited Jihing and Matan sub-villages in two different villages in Kayong Utara District. Since May 2019, the Mobile clinic to Mawang Mentatai and Nusa Poring villages in Melawi district (BBBR National Park) expanded by ASRI team there.

4 villages

12 trips in Jihing

4 trips in Matan

5 trips in BBR by ASRI Clinic Sukadana

### JIHING & MATAN

326 patient visits

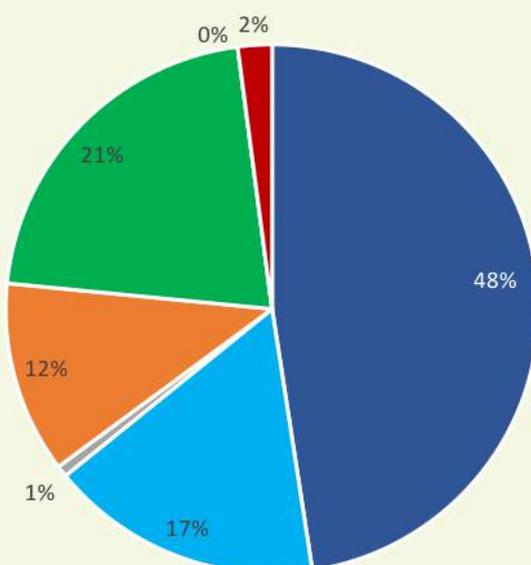
77 individuals



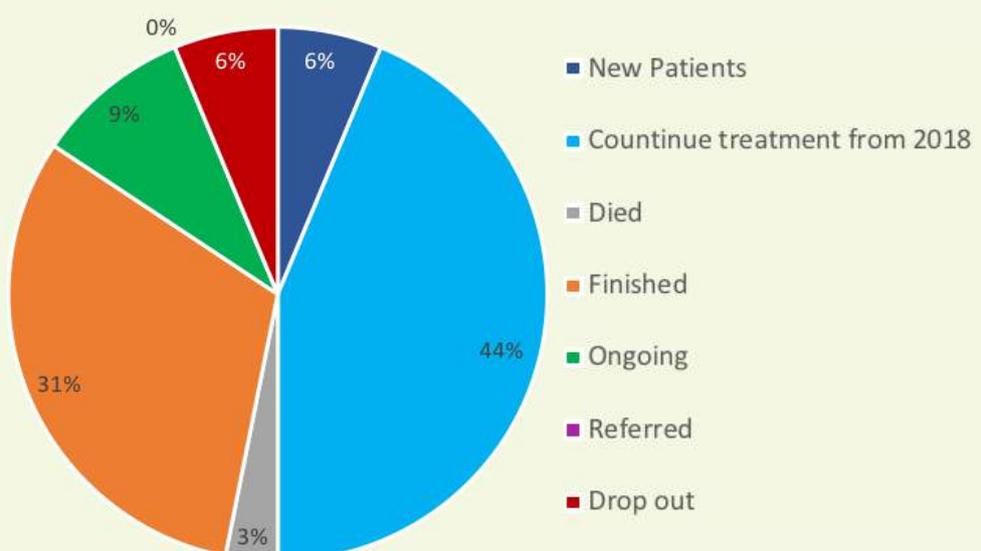
### • DOTS Strategy against Tuberculosis

ASRI's Directly Observed Treatment Short-course (DOTS) ensures that every tuberculosis (TB) and leprosy patient takes regular doses of their medication. In 2019, 10 DOTS workers helped 93 TB patients and 16 leprosy patients.

#### Tuberculosis



#### Leprosy



# HEALTH

## Preventative Medicine

### • Immunizations

HBO	23
BCG	27
Polio 1	27
Polio 2	32
Polio 3	30
Polio 4	26
Polio Inject	21
Pentabio 1	32
Pentabio 2	32
Pentabio 3	25
Pentabio Advance	13
Measles	26
Measles Advance	4
TT1 Pregnant	2
TT2 Pregnant	2
TT2 Premarital	0
TT2 Booster	3
MR	23
<b>TOTAL</b>	<b>348</b>

Immunizations for babies are offered at the ASRI Clinic on the third week of every month. ASRI obtains its vaccines from the Kayong Utara District Health Office and assists the Health Office with its immunization goals.

### • Birth Control

Condom/ pieces	14
Pill/ person	20
Depo Shots (3 months) / person	70
Depo Shots (1 months) / person	17
IUD/ person	4

ASRI improves access for the community to get contraception for family planning.



# HEALTH

## Health Education, Ambulance and BPJS (Indonesian National Health Insurance)

### • Health Education

95

sessions

1889

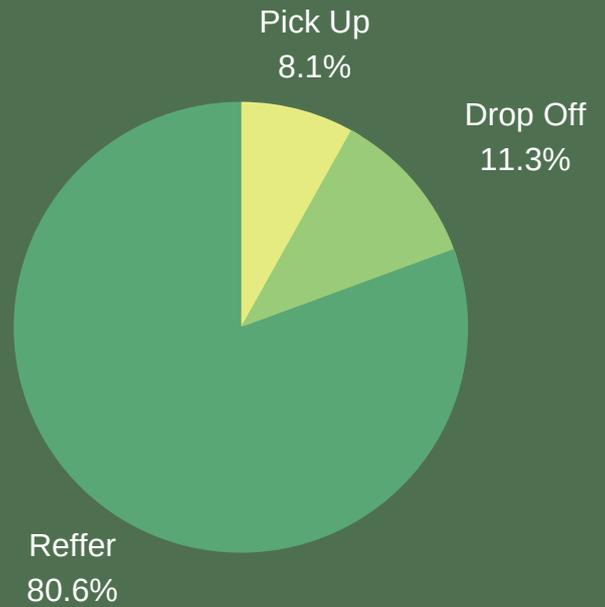
attendance

Topics included:

birth control, hepatitis, smoking, air pollution, pertussis, tinea fungal infection, diabetes mellitus, hypertension, GERMAS (government-sponsored healthy lifestyle education), dental care

Health education expanded to include the ASRI Clinic waiting room. We will continue health education through the Mobile Clinic, presentations in high schools, community meetings, the ASRI Kids and Teens programs, and Forest Guardian meetings.

### • Ambulance



### • BPJS

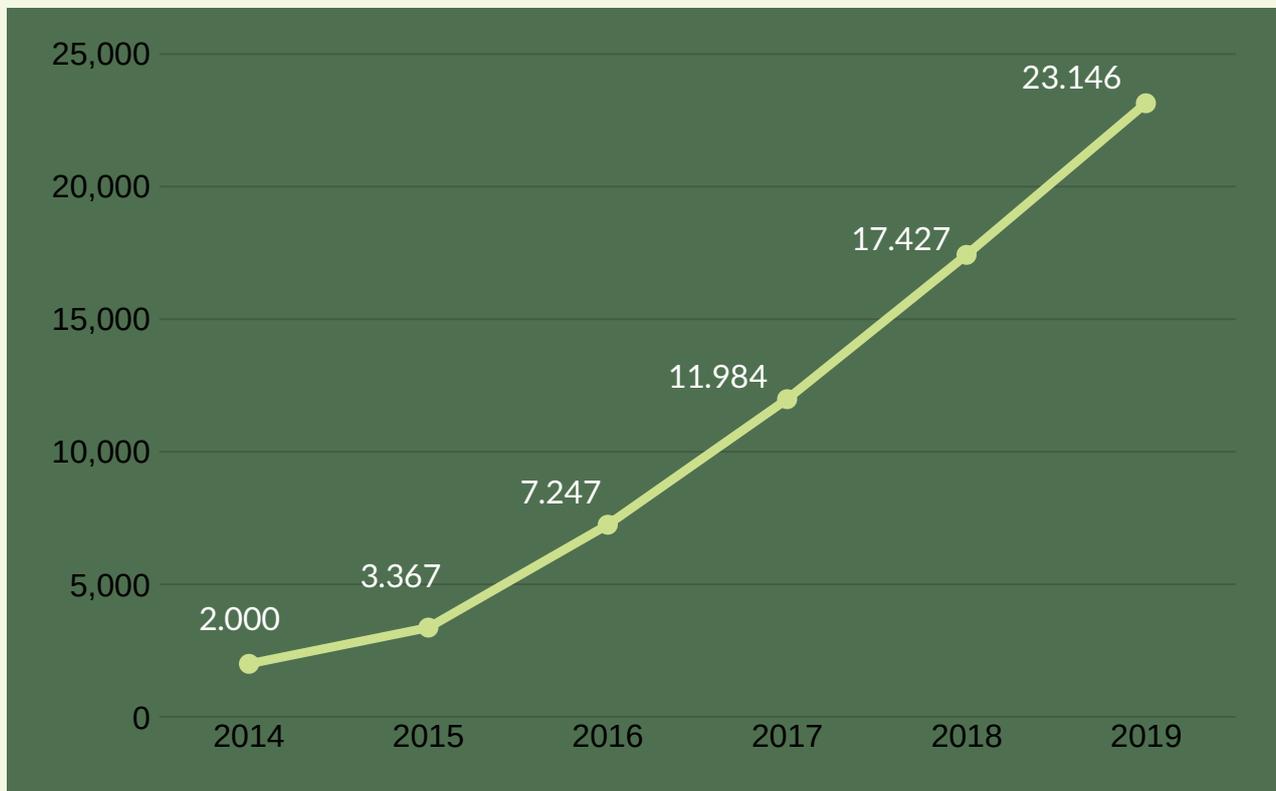


The number of BPJS members who chose ASRI as their primary-care facility increased 346 members in 2019



# Non-Cash Payments

## Seedlings from Patients:



The number of seedlings from patients from January - December 2019 are 23.146 seedlings.



# PLANETARY HEALTH EDUCATION

## Outreach

- In Clinic Waiting Room

**19**  
sessions      **545**  
people



- In Villages

**17**  
sessions      **725**  
people



- Radio Broadcasting

**2**  
sessions  
from January to June



# PLANETARY HEALTH EDUCATION

Field Courses & Volunteering

in 2019 ASRI hosted 79 visitors from Indonesia, England, the United States, Ireland, Netherland, India, Canada, Dubai and Denmark, Kuwait, Malaysia,

We exchanged knowledge about education, veterinary, public health, medical skills, communication and conservation.

**79** visitors

3	Conservation
3	Education
3	Marketing and Communication
23	Medical Professional
1	Medical Student
22	Guests/ Donors
2	Veterinary
5	Public Health
5	US Embassy
1	Management
10	Intern
1	Volunteer



# PLANETARY HEALTH EDUCATION

ASRI Kids & ASRI Teens

## ASRI Kids:

232 kids from 4 schools and 1 group at ASRI Clinic

*ASRI Kids learned about: the globe, Indonesia and Borneo maps, animals around the world, tropical rain forests, protected wildlife of Gunung Palung National Park, environmental threats, organic and plastic waste, making recycled paper, washing hands & healthy food, brushing teeth, biodiversity, coral reefs, habitats, and adaptations. They took field trips to a mangrove forest, the ASRI Clinic, and the ASRI Organic Garden.*



## ASRI Teens:

There are 50 teens joining ASRI Teens group in 2019. This group gained Planetary Health Education through classes, and field trip.

*ASRI Kids learned about: taxonomy, nutrition, planetary health, environmental threats, climate change, and health issue.*



# PLANETARY HEALTH EDUCATION

## Planetary Health Camp & Planetary Health Talks

### Planetary Health Camp:

98 youth participants from 10 schools joined ASRI Planetary Health Camp.

Participating schools:

- SMA 1 Simpang Hilir
- SMA 2 Simpang Hilir
- SMA 3 Simpang Hilir
- MAN 1 Kayong Utara
- SMK 1 Simpang Hilir
- SMA 1 Teluk Batang
- SMA 1 Sukadana
- SMA 1 Seponti
- SMA 2 Sukadana
- SMA 3 Sukadana

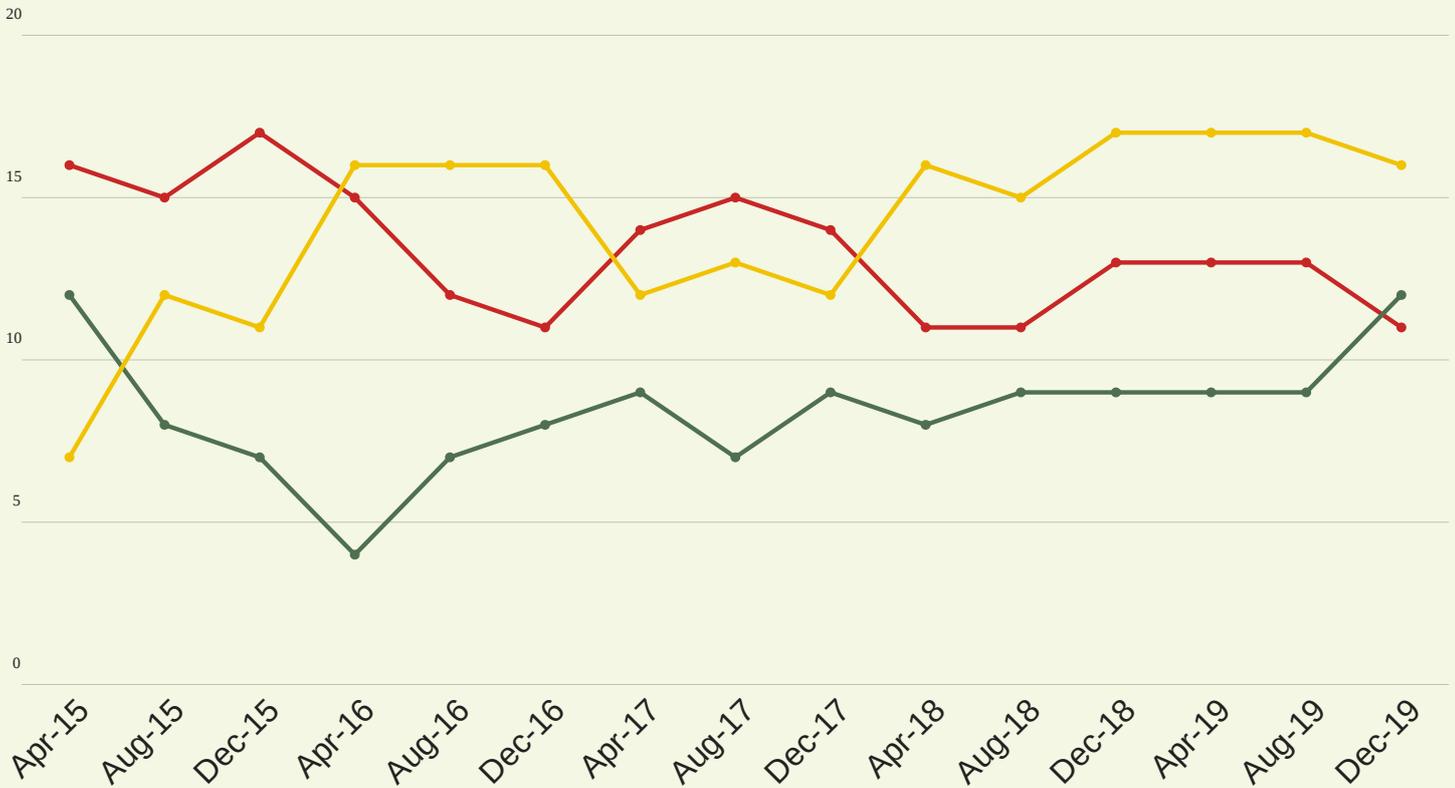
### Planetary Health Talks:

For the first time, Planetary Health Talks took place at Ruang Komunal by Facebook Indonesia and AtAmerica in Jakarta on March 2019. The one in AtAmerica was a success one, attended by US and UK Ambassador to Indonesia. ASRI was also invited by government in Sintang District, to share about ASRI's successful approach. ASRI also organized a campaign with the local community on fighting haze caused by forest fire. Number of people reached -online and offline through those events is app. 1158 people.



# CONSERVATION

## Deforestation Monitoring



ASRI offers tiered health-care discounts to villages that decrease illegal logging activity, based on monitoring three times per year. The highest tier is green (70% discount), followed by yellow (50%), and red (30%).

There are 4 new sub-villages monitored since December 2018 which are Dusun Parit Bugis, Dusun Semanjak, Dusun Sinar Timur, and Dusun Sinar Selatan, because the national park office is expanding their area where the four sub-villages are become bordering with Gunung Palung National Park. Then we found several indications of illegal logging activities in the four sub-villages.



**RED**

11 / 28, 20%

**GREEN**

12 / 30, 77%

**YELLOW**

16 / 41, 02%

# CONSERVATION

## Deforestation Monitoring: Forest Guardians



- Almost all Forest Guardians enthusiastically joined ASRI programs in their villages
- ASRI employs 30 Forest Guardians distributed across 30 sub-villages in 16 villages. Due to new National Park zones and borders, as well as increasing illegal activity in specific sub-villages, ASRI hired 4 additional Forest Guardians in 2020.

*The new Forest Guardians are from the following sub-villages: Parit Bugis, Semanjak, Sinar Selatan, and Sinar Timur.*

- Forest Guardian activities included monthly meetings, mediating ASRI community education events, monitoring logging activity, collecting seedlings, social service and daily outreach with their neighbors to explain ASRI programs such as Chainsaw Buyback and seedling nurseries to pay for health care.



## COMMUNITY OUTREACH

6490 people

30 sub-villages

# CONSERVATION

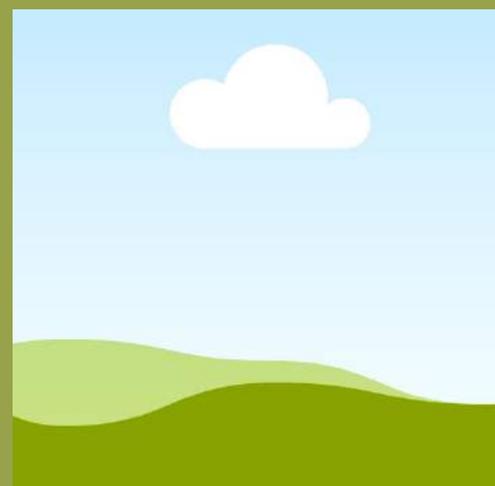
## Alternative Livelihoods: Sustainable Agriculture

### Farmers' Groups by the Numbers:

- **7** active farmer groups
- **5 out of 7** groups are independent from ASRI
- **9 out of 17** groups mentioned above have registered with local government
- **86 cows and 40 goats** are owned by the farmers



- Tani Jaya farmers, Sejahtera Bersama farmers, Paduan Jaya farmers, Sinar Abadi farmers and Sepakat Maju farmers' group was successfully granted government support worth IDR 1,5 billion, including: cattle and housing, a water pump, a tractor, a power thresher, rice seeds, organic fertilizer, rice huller, combine harvester.
- Tani Jaya farmers' group produced 2 tons of organic fertilizer and sold it for IDR 1,200 per kg.
- ASRI helped Tani Jaya farmers group to set up their micro enterprise for pepper started in January 2019.



# CONSERVATION

## Alternative Livelihoods: Goats for Widows



Goats of **96** widows were checked monthly to monitor health and husbandry. And **51** goats sold for:

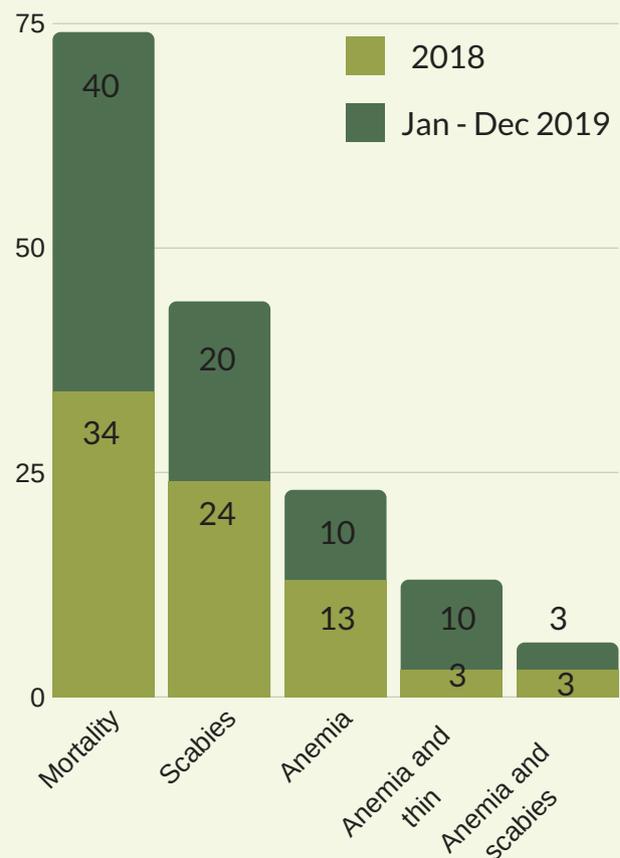
- Home repairs
- Celebrate religious holiday (Eid Adha)
- Health Care

**3** new widows were added to the program

**3** widows left the program

**9** widows paid a baby goat back to ASRI

### Health and Mortality of Goats



# CONSERVATION

## Alternative Livelihoods: Chainsaw Buyback

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ASRI have collected 141 chainsaws since the program launched in 2017

- 7 active loggers sold their chainsaws and started alternative livelihoods in 2019, for a total of 52 active loggers participating since the program launched in 2017.
- 49 in-active loggers joined the program in 2018. In total since 2017, ASRI has spent IDR 266,100,000 to buy chainsaws from 89 passive loggers.
- ASRI distributed approximately IDR 771,000,000 since 2017.

62% small businesses started by former logging households are still running well.

20% of investment have been paid back to ASRI.

90% active loggers do not back into logging after the program

The Chainsaw Buyback Program has protected approximately 25,951 old-growth trees from being cut.

Main type of businesses: Retail agriculture, food and drink



# CONSERVATION

## Alternative Livelihoods: Green Kitchen

100%

Actively  
Gardening

80%

Using Organic  
Fertilizer

75%

Using Organic  
Pesticides

75%

Successful  
Harvest

80%

Selling  
Produce

90%

Growing for Own  
Consumption

65%

Producing  
Own Seeds

306

Active  
Participants

This Kitchen garden project has ended in December 2019. We didn't look for more funding on this project simply because we found out that the housewives are very successful on their own and they didn't really need more support. Furthermore, this program didn't really have a huge impact on logging, though it has a huge impact on income. However, we still follow up on the project 1-2 times every year to see how are they doing with the garden.



# CONSERVATION

## Reforestation

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### Laman Satong Site

- Collected 3000 meranti seedlings to plant.
- Collected 3000 seedlings within and around Gunung Palung National Park
- Record types and number of seedlings in nursery (There is 44 types of seedlings and 92.954 seedlings with 100.000 capacity in nursery)
- Maintenance of fire break around reforestation site to anticipate long dry season on May, March, and September.

### Sedahan Jaya Site

- 1,5 Ha of 8 Ha has been reforested
- 4 Ha of 8 Ha has been cleaned in 2019 and it will be planted by the community (Garden to Forest) in February - March 2020
- 2.5 or 3 of 8 Ha will be planted in September 2020

### Rantau Panjang Site

- Survival rate in January - June 2019 is 64,92%
- Maintenance of fire break around reforestation site to anticipate long dry season in January and September 2019.
- Enrichment planting had done by 29 gardener and 4.556 seedlings planted there.
- We planted 17 Ha community garden in Rantau Panjang Village

# CONSERVATION

## Reforestation

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### Mentubang Site

- We planted 74 Ha community garden in Mentubang Village
- Survival rate 91,43% of the 74 hectares that have been monitored
- Green Day will be held in Mentubang Village in March 2020

### Non Cash Payment

- 23.146 seedlings we recieved from patients of 41 species

### Forest Guardians Supporting Reforestation Activities

- 10.905 seedlings we recieved from forest guardians of 31 species



# BUKIT BAKA BUKIT RAYA SITE

## Health - BBBR Clinic

Starting in September 2018 ASRI provides healthcare for communities in two remotes surrounding Bukit Baka Bukit Raya National Park: Mawang Mentatai and Nusa Poring.

ASRI set up a clinic in each of these villages (one in Beloyang sub-village of Mawang Mentatai, and one in Nusa Poring). Then ASRI didn't runs monthly mobile clinics to serve both villages again becuae we already have a doctor and a nurse there.

- **Mawang Mentatai**

### Number of Visits

**889**

### Number of Deliveries

**2**

2018

**5**

January - Dec 2019

- **Nusa Poring**

### Number of Visits

**917**

### Number of Deliveries

**4**

January - Dec 2019



# BUKIT BAKA BUKIT RAYA SITE

## Forest Guardians and Agriculture Sustainable

ASRI employs 9 Forest Guardians distributed across 9 sub-villages in 2 villages (Mawang 1, Pintas Kemantar, Bloyang, Juoi from Mawang Mentatai Village and Nusa Poring, Nanga Dawai, Mengkilau, Guhung Bajau, Sekujang from Nusa Poring Village). Forest Guardians activities included monthly meetings, beginning and end of the year meeting, mediating ASRI programs, monitoring logging activities, social service and daily outreach with their neighbors to explain about how important rainforest and ASRI health program.



ASRI also have 2 organic farming facilitators in 2 villages. They are Pak Adiyono from Mawang Mentatai village and Pak Samsudin from Nusa Poring village. They got training in Jogja for two weeks and in Sukadana for two weeks. After that they back to their village and sharing their knowledges about organic farming to their community.



**NEW**

# BUKIT BAKA BUKIT RAYA SITE

## Water Filter Distribution

27 water filters have been distributed to 9 sub villages around Mawang Mentatai village and Nusa Poring village. These water filter distributed in order to reduce the water-borne diseases because community still consume water directly from the river.



# Eyeglasses Distribution & Scholarships for two members of ASRI Teens

Kayong Utara Regency



23 - 25 August 2019 ASRI in partnership with eyewear company Essilor - 2.5 NVG Indonesia, organized three optometry clinics for the residents of Sukadana and nearby Melano and Siduk, all of which are located within the Kayong Utara Regency in West Kalimantan. Patients who attended were eligible for a free eye exam and a free pair of prescription and/or reading glasses. Over 1,800 patients were served over three days.



As part of Essilor's partnership with ASRI, two local students and ASRI Teens participants, Rusli and Yuli, received scholarships that will fund three years of optometry school in Indonesia's capital, Jakarta. After graduating, the students plan to return to the Kayong Utara Regency, hopefully to the ASRI medical center, to practice optometry and provide this vital service to the community.



NEW

# Eyeglasses Distribution

Melawi Regency

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For the second time in 26 and 28 November 2019 ASRI in partnership with eyewear company Essilor - 2.5 NVG Indonesia, organized three optometry clinics for the residents of Mawang Mentatai Village and Nusa Poring Village all of which are located within the Melawi Regency in West Kalimantan. Patients who attended were eligible for a free eye exam and a free pair of prescription and/or reading glasses. Over 722 patients were served over two days.



# Climate Strike Campaign

In 15 September Alam Sehat Lestari (ASRI) joined 17 other Community Groups in the global #ClimateStrike by holding a Planetary Health Campaign! The event was held at Pulau Datok Beach, where ASRI's Executive Director, Nur Febriani, spoke about the health impacts of the recent forest and land fires. After community talks, attendees made posters as a part of the #ClimateStrike Campaign. Participants then took pictures with their posters, so that the photos could be shared in order to promote action against the climate crisis! After a long afternoon of taking photos and creating posters, participants distributed hundreds of masks to the community!



# Aid distribution of Smoke Haze

September was an intense time for the people of West Kalimantan, in dealing with forest and land fires. But a lot of help has come, and ASRI is very proud to do what we can to help. Several sets of water machines and hoses, sprayers, headlamps, extinguishing cloths, extinguishing masks, oxygen mini, first aid kits, eye drops, vitamins, N95 masks, etc., have been distributed to our fire extinguisher friends, from the North Kayong BPBD , Manggala Agni Kayong Utara, Gunung Palung National Park Office, North Kayong Plantation Office, North Kayong District Hospital, North Kayong Police, and SD Fillial SDN 07 Semanai.

In addition, as many as 2000 more masks have been distributed to the general public. ASRI has also opened a free health clinic for fire fighters affected by the fires. We are preparing to distribute more supplies to the groups who came to help extinguish the fire, and community groups affected by forest and land fires. Thank you to donors from Kitabisa.com, Health in Harmony, and all others who have helped spread the word about ASRI's fundraising!"

