

BUBUHAN

Communication Media for PT Indo Tambangraya Megah Tbk Fostered Areas



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Foreword

Fiki Abubakar
CSR Head ITM



By using the proverbs of a tree to represent the company, we can understand that the roots are the value that are believed by all of the entities for the company. In the case of our company, it is Banpu Heart.

A strong and long-lived tree certainly has sturdy roots to support the trunk and its crown, this way the tree can stand up high and strong even if the storm hit it. In addition to being sturdy, its roots will be embedded into the ground and continue to grow stronger, bigger, and have better ability to search the essence of life that will be the ingredient for trees to continue to grow and develop.

In the case of the corporate value (as a root), it reminds us of a statement from Business Roundtable organization entitled "Statement on the Purpose of a Corporation" which signed by nearly 200 leaders from well-known companies in the United States last month, this is where the closing statement stated its commitment in providing value to all stakeholders for the success of the company, community, and country. In the context of ITM Social Responsibility, it would be in line with what we have always strived for, including Community Development (CD), in the mining worlds officially known

as Pengembangan dan Pemberdayaan Masyarakat or PPM (Community Development and Empowerment).

CD or PPM provides value – company – to stakeholders, of course always begins by injecting the company's value to each work activities. 10 key behavior of Banpu Heart has become our guidelines in our actions. Nowadays, the application of value becomes more important to conduct in the world where the majority are millennial; the generation that acts and makes decisions based more on the values they believe in. The success of an activity, company's activity, for them, can not only be seen from how much profit is generated, but also about the value that can be given or added to other parties, in this case is the stakeholder.

If our company's value is like the root of a tree, then it only feels right if the growth of our company's business (along with its CD / PPM activities) is the trunk and the satisfaction of the stakeholders is the fruit for us to have. Strengthening the roots with Banpu Heart, indirectly is an effort for us to produce ripe and sweet fruit for the stakeholders including the shareholders, employees, the environment also the community / where we are actively working.

From The Editorial

Welcome back with Bubuhan, the communication media of PT Indo Tambangraya Megah, Tbk (ITM) about the company's community development that has been and will be implemented. In this 68th edition, there are reports on several empowerment programs in the socio-cultural field to strengthened the company and the surrounding community, some of them is The Spirit of Sacrifice (Qurban) as the Social Struggle and there is also Moving Towards Superior Human Resources in the framework of celebrating the 75th Indonesian Independence Day. And there are also articles about ISDA Award achievements that has been given to ITM subsidiary, PT Kitadin. We hope these articles can provide inspirations and additional insight for the readers.



BUBUHAN comes from the Kutai and Banjar language meaning friendship, partnership, and companionship. The Name **BUBUHAN** reflects the CD ITM Tbk. spirit to always appreciated and learn from the local wisdom within the community.

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Qurban for Togetherness

Eid al-Adha or often called the day of qurban (sacrifice), this year feels both solemn and festive. PT Jorong Barutama Greston (JBG) as the company that is located in Tanah Laut, Jorong Sub-District participated on August 11th 2019, donated 9 cows to be distributed in the villages of ring 1, they are Asam-Asam Village, Batalang Village, Jorong Village, Karang Rejo Village, Simpang Empat Sungai Baru Village and Swarangan Village.

The process of qurban was conducted in each village. The community responded and enthusiastically assisted the technical implementation of qurban and obtaining the meat distribution to improve social sense and to help others. The distribution of qurban animals was also given to the Jorong District Office, Police Station and Koramil, each 1 cow. Located at the Jorong Sub-District office, Mr. Muhammad Alfian Rosidi Anwar as the District Head expressed his gratitude and was very grateful for JBG's action in caring and participated in this religious celebration.

@Hairudin_CDO JBG



Eid al-Adha Qurban Day

Strengthens the Mentality and Hospitality to Other



One of the social commitments made by PT Indominco Mandiri (IMM) is to celebrate Eid al-Adha 1440 H, as Qurban moment for the community surround the mine area.

In the celebration, IMM collaborated with all contractors (PT PAMA, PT TRUST, PT Kitadin, Contractors, and IMM Subcontractors) as many as 101 qurban animals consisting of 31 cows and 70 goats.

The handover of the animal was held on Thursday, August 8, 2019 / 8 Dzulhijjah 1440 H. The beneficiary community was the Islamic Boarding School Hifzil Qur'an Suka Rahmat, Hidayatullah Boarding School, Subulana Boarding School, Assalaf Boarding School, Nurul Iman Boarding School, Nurul Fajri Boarding School, Tahfiz Quran Boarding School, Muwadatullah Orphanage, Aisyiah Orphanage, Al-Haq Orphanage, Suka Rahmat Ponpes, Al Mawadah Nursing Home, and 10 of IMM fostered Villages, including schools and mosques in the area.

Due to the effort in conducting the qurban ceremony, IMM with its 25 contractors have increasingly established their relationship with the community for the purpose of:





- Strengthening the bonding and hospitality to make sure Ukhuwah Islamiyah (brotherhood) can be interwoven tightly;
- Growing awareness of the ummah (people) to grow more love on each other by carrying out this qurban (sacrifice) activity;
- Cultivating the soul/ mentality in conducting qurban, and
- Growing awareness of the importance of the application of religious morals in the environment.

@Sulaiman_CDO IMM





The Spirit of “Indonesian Advanced Human Resources”

The feeling of the 74th Indonesian Independence Day at PT Indominco Mandiri (IMM) in 2019 attracted many attention and was different from the previous years because it was the first time the event was attended by the Ministry of Energy and Mineral Resources (ESDM) and the appearance of the Next Generation from Junior High School 2 Teluk Pandan on Saturday, August 17, 2019.

In the midst of the recession of coal mining prices, enthusiasm remains high, the Ceremony Inspector is the Ministry of Energy and Mineral Resources (Katisna Ari Perbawa, Head of Sub Directorate of Coal Exploration Business Supervision), and his staff (Dewa Brata). ER IT Manager (Mr. Astrik), IMM Mine Head & Summit (Era Tjahya Saputra), PJO PT Pama (Poniman), IMM employees, contractors and all of IMM sub-contractors, Junior High School 2 Scouts and the surrounding communities.

According to the staff of the Minister of Energy and Mineral Resources (Katisna Ari Perbawa), developing





Indonesia requires togetherness, and not only focus on certain group. "Let us all unite and build a more advanced, stronger, superior Indonesia to create a happy, prosperous, fair and prosperous society, in the frame of independence". At the end of the event, a rice conch was marched and the certificate of citizenship was handed over to Junior High School 2, also a donation of 5,000,000 IDR for the Junior High School 2 activities.

@Sulaiman_CDO IMM



**SDM UNGGUL
INDONESIA MAJU**



Kitadin Embalut Wins GOLD at the Indonesian Sustainable Goals Award (ISDA) 2019

The efforts of PT Kitadin site Embalut (EMB) in encouraging the success of Sustainable Development Goals (SDGs) through community development and empowerment programs have returned to be successful and received the Indonesian Sustainable Development Goals Awards (ISDA) 2019, organized by the Corporate Forum for Community Development (CFCD) in collaboration with the National Development Planning Agency (BAPPENAS) and National Standardization Agency (BSN).

ITM through its subsidiary EMB won an award in the 12th SDGs category goal, that is the participation of environmentally friendly products and recycling through the community and environmental empowerment program of the Sampah Bunda (Waste Bank) and the 5th SDGs goal that is Gender Equality (Women's Role). The award was received by the ITM HSEC Head Puji Rahadin, presented by Ayi Ruhiat Sukartin, the Head of Coal Commercial Relations Sub Directorate General of Coal Exploitation of the Ministry of Energy and Mineral

Resources accompanied by members of the jury Prof. Asnath Maria Fuah who is also a professor at Institut Pertanian Bogor (Bogor Agricultural University).

The awarding of ISDA 2019 was held on September 6, 2019 at Birawa Assembly Hall Bidakara, Jakarta. Present at the event that night included Prof. Dr bambang Prasetya as the Head of BSN, Amalia Adininggar, Phd as the Head of National SDGs Secretariat, Sonny B Harmadi as Deputy for the Coordination of Community, Village and Regional Empowerment in the Coordinating Ministry for Human Development and Culture and also officials from relevant ministries such as the Ministry of Villages and PDTT, The Ministry of Energy and Mineral Resources and also the Ministry of BUMN.

Also present at the awarding night of ISDA 2019, Prof. Emil Salim, an national figure who was once the first environment minister in Indonesia and other ministerial positions during the Soeharto era and also as the Chairman of the Presidential Advisory Council for the 2010-2014





era. In his remarks Emil Salim said “With the increasing number of companies participating in empowering communities or conducting community development around the operational area through their CSR funds, this way Indonesia’s late action to eradicate poverty and hunger will be more easily resolved,”

In ISDA 2019, the number of companies that participated in this activity reached up to 66 companies with 153 programs and 13 categories of individuals proposed. Determination of winners / ranking is done through a very strict ISDA selection process. In addition, participants are also required to attach photos and video testimonials as proof of real testimony from the beneficiaries of the program. ISDA 2019 is organized by the Corporate Forum for Community Development (CFCD) in collaboration with the National Standardization Agency (BSN). The ISDA 2019

award is presented for the companies and individuals who have contributed in ISO 2600 for sustainable development.

There are 17 SDGs goals, those goals are designed to eradicate poverty, preserve the planet and create peace and prosperity for humanity, launched by the United Nations (UN) on January 19, 2015 as a set of universal goals, targets and indicators, which it is hoped that all of the member of the countries will use these goals in developing their political agenda and policies in the next 15 years.

Overview of Mother Waste Bank from KTD EMB Fostered Area

Driven by a local hero who is also the principal of PAUD School in Bangun Rejo, this Mother Waste Bank answers all concerns of the community, especially mothers who are more concerns about the environment around the Bangun Rejo Village, Kutai Kartanegara, which is increasingly filled

with organic and inorganic waste from the community itself. Starting from 2015, the Mother Waste Bank is currently involving 415 people with the majority comes from mothers and school students with the impact of reducing waste to 25.70 tons and 11,630 other types of solid waste. The Mother Waste Bank also incubated the establishment of another waste bank in two other villages (Separi and Embalut) and received many awards from the Regency and Province.



@M. Yuda Pranata_CDO ITM JKT

Program Planning in Community Consultative Committee

The CCC meeting have been conducted in two groups (July 23 - 25, 2019 in Sungai Baru Village, Asam-Asam Village, and Karang Rejo Village) and July 29-31, 2019 in Swarangan Village, Desa Jorong and Batalang Village. Community Leaders and Officials were also present in each of the villages for the interaction session between the company, the village officials and the community to provide information and discussion related to community development around the mine area. The active role of the community is crucial for the course of activities.

All of the Village Chief expressed their appreciation to PT Jorong Barutama Greston (JBG) for providing support through education, health, economic, social, and cultural programs and help empowering the community. The



Head of Sub District CCC, Mr. H. Lalu Takdir expressed his gratitude for JBG's concern in channeling many creative ideas to the community so the people can develop creative economic ideas. It feels like the condition of the village then is different than the village now.

The communities and rural areas that were once left behind, are currently growing, both economically, agriculture and information. The it has become important for the community to work together and take responsibility for activities that have been supported by JBG.

Mr. Rasmat Riadi from JBG said that the company is welcome for input, criticism, and suggestions. the company also hoped that the existing program will continue, grow



stronger and bring greater impacts and benefits for the community. For this reason, CCC activities are encouraged to be more active in planning work programs and able to cooperate with any party outside of JBG.

In the meeting, the committee had discussed village problems, suggestions, criticisms and proposals from the community that were directly accommodated and discussed together with the JBG CD team to find better solutions to their problems. The purpose of the implementation, so the community can channel their aspirations to make their area more independent and environmentally educated with good information. In helping to improve the economic development programs in JBG target villages, various sub-programs have been developed including animal husbandry, fisheries, plantations and SMEs in the village community,





Each fostered village by JGB community development has its own characteristics. As in Sungai Baru Village, a pool of soil was developed for fisheries program by forming groups of fish farmers. Different thing happened in Asam-Asam Village where the majority of the population are farmers, this village develops banana plantations and longan fruit as its main crop. Furthermore, Karang Rejo Village is more focused on developing sasirangan fabric and bokashi fertilizer. The sasirangan business development is a best practice program in this village. Sasirangan group makers continue to be given support and training to remain consistent in developing the program. Besides that, the bokasi program which is a regular program each year is still being developed as a form of environmental awareness.

The priority program of economic development in Swarangan Village is the production of sea fish. The

majority of the population are fishermen because the village area is located on the coast. This processing group has managed to process fishes become crackers. In 2018 the production of processed fish crackers will reach up to 910 kg. whereas in the first semester of 2019 (January - June), the group had succeeded in producing 372 kg of crackers. This product has been marketed locally in the Jorong District area.

Jorong Village is located in the center of Jorong District, their best practice program is the development of Laying Ducks. Besides that, selling salted fish is also one of the characteristics of Jorong Village. For Batalang Village, it relies on the chicken breeding program as the best practice program in its area. The result of this chicken farm is still fluctuating with erratic numbers every period.

@Hairudin_CDO JBG



Mosques Renovation

In June 2019, PT Tambang Raya Usaha Tama (TRUST) provided assistance to repair houses of prayer, the objective is to provide a decent place for the community to do their praying activities, especially towards the Eid al-Adha. A total of 50 sacks of cement were distributed to mosques and its managers as the beneficiaries in Bontang Lestari Village and Sukadamai Village. These two regions often visited by about 250 people to pray.

@Ahmad Shobirin_CDO TRUST



Participating in The Bhayangkara Festival

PT TRUST improved their relations and cooperation with the stakeholders in the security field (the Police and Bhayangkara women). On this occasion, PT TRUST have the opportunity to participate in providing doorprize in the

Bhayangkara's birthday event at the Bontang Police Resort (POLRES). As many as 50 members of the Bhayangkara family has become the beneficiaries of this activity.

@Ahmad Shobirin_CDO TRUST



Assistance in Chicken Farming



PT Trubaindo Coal Mining (TCM) assisted the community of chicken farmers in Muara Begai Village, one of the villages preparing for mine closure. Chicken coop is built by a group of independent farmers and TCM facilitates chicken breeding. In August 2019, there were 800 chickens raised by a farmer group of 20 households. The chickens are now 2 weeks old and still growing.

@Daniel Dandil_CDO TCM



Cattle Farming Program

PT Trubaindo Coal Mining (TCM) also runs a mine closure preparation program called Cattle Farming, a partnership with the government. The farm is managed by 120 cattle ranchers. The population of cows from the West Kutai District Government (since 2014-2019) was 97 cows, while from the TCM (from 2014-2019) there were 70 cows, totaling 167 cows. Now, each has grown to 200 and 100. So in total, from 167 cows now there are 300 cows (increased by 143 cows).

To facilitate the feeding process, green plants are being prepared to continue being planted in the area. While the

cattle grazing area in order to maintain the safety of the cattle, is being prepared to continue the fence installation.

Now, between August 2019, a community of cattle breeders surround TCM area is being visited by the East Kalimantan Provincial Animal Health Husbandry Office and officials from the West Kutai District who supported the preparation of a mini cattle program.

@Lusidius_CDO TCM



Pests and Diseases Control on Banana Trees

Banana is a fruit loved by everyone globally. But not all country can plant and grow bananas. This plant can only grow in the tropics. Indonesia is one of the world's banana producers. The potential for development is quite large, this country has various types of bananas. More than 10 types of banana categorized as superior variety of bananas.

One of the obstacle in cultivating banana is the attack of the disease. Banana pests and diseases seems not too many to handle, but some diseases can cause serious losses. The most common attacks are fusarium wilt, bacterial and dwarf wilt.

Fusarium Wilt

This disease is caused by the fungus *Fusarium oxysporum*. Fusarium wilt disease attacks many horticultural plants. Some plants that are often infected



with this disease are chili, onions, and tomatoes. The attack of this disease is quite deadly because it can spread in a short time and conducted a large scale of destruction.

And so is with banana plants, this fusarium wilt can attack leaves, stems to roots. Transmission of this disease can happen through various media such as seeds, soil, water, manure or any agricultural equipment.

The initial symptoms of fusarium wilt on banana plants are the leaves become yellow followed by wilting of the midrib. The leaves and the midrib undergo color changing or discoloration. Besides the leaves, the color changing also happens to the tubers (bonggol).

Banana plants that are attacked by this disease will usually experience death. Efforts that can be made to prevent further transmission include breaking down and burning diseased plants. Then the former soil can be watered with fungicide.

Here are some tips to prevent banana plant from the disease:

- Plant varieties of banana plants that are resistant to fusarium wilt disease, or using seedlings from disease free kultur.
- Do not bring seeds from areas that have or have been stricken with disease.
- Use agricultural tools selectively, if the tool has been used to dismantle diseased plants, it should be washed with fungicides.
- Improvement of the area's drainage and crop rotation can help to prevent transmission of this disease.
- Utilize natural enemies like *Trichoderma* of *Glicocladium*.

Bacterial Wilt

Banana plant diseases that can cause wilting are not only fungi. *Pseudomonas Solaracearum* bacteria can also cause the banana to wilt. This disease usually shows up after the banana bunches come out.

At first the young leaves experience color changes. Visible yellowish brown lines toward the edge of the leaf, then the leaves then turn yellow, brown until finally

withered. A more special characteristic is the smell of mucus that comes out of the fruit, bunches, stems and stems. The mucus is white, gray, to reddish brown.

If the plant is attacked by this disease it should be destroyed with a herbicide solution containing 5% glyphosate about 5-20 ml. Then fumigate the soils of diseased plants with Methyl Bromide.

Here are some tips to keep banana plant safe from the disease:

- Use healthy and disease-free seeds.
- Use clean farming tools.
- Do not transfer seedlings to the soil, especially if the seedlings are from a disease endemic area.
- Manage the drainage of the garden well.
- Wrap the fruit some time after the heart comes out.
- Rotate plants with rice, corn or grass to break the life cycle of bacteria in the soil.

Leaf Spot

Leaf spot is a banana plant disease caused by the fungus *Mycosphaerella musicola* Mulder. This fungus attack is not as fierce as fusarium wilt but can still cause great losses because bananas will experience maturity prematurely.



Symptoms initially visible black spots on the leaves. Then the spots get bigger and wider to form a brownish-yellow stain to black. Eventually all leaves turn yellow and dry.

Control of banana plant diseases is done by breathing in the affected leaves and burning them. To prevent this disease, it is recommended to do balanced fertilization.

The symptoms is initially visible black spots on the leaves. Then the spots get bigger and wider to form a brownish-yellow stain to black. Eventually all leaves turn yellow and dry.

Control of banana plant diseases is done by cutting the affected leaves and burning them. To prevent this disease, it is recommended to do balanced fertilization.



Banana Dwarf Disease

Banana dwarf is a banana plant disease that is quite difficult to eradicate. This disease is caused by the Banana bunchy top virus (BBTV) and Abaca bunchy top virus (ABTV). Both viruses are transmitted by *Pentalonia nigronervosa* aphids.

Plants that are attacked by this disease will experience slow growth. The leaves grow rather upright, short and narrow. Then the yellowing starts from the edge. Besides that, the leaves become fragile and easily broken. This virus is transmitted from tree to tree with the help of aphids. So, if the population of aphids in banana plantations increases, the transmission of this disease will be more widespread.

How to control banana plant diseases:

- Plant seeds that are free from viruses.
- Diseased plants are dismantled to the stump and burned, so that no shoots grow back.
- Use insecticides to control pests that become vectors or virus carriers.

Reference:

- *The Book of Saku Buah Pisang*. 2016. Direktorat Buah dan Florikultura, Kementerian Pertanian RI.
- *Rahma Ayu Priani, dkk. 2010. Deteksi dan Diferensiasi Virus Kerdil Pisang dengan Teknik PCR-RFLP. Jurnal Perlindungan Tanaman Indonesia, Vol. 16, No. 1, 2010: 1-5.*



Debriefing of Entrepreneurs Before Mine Closure

A series of debriefing events for Mine Closing at PT Kitadin Embalut (KTD EMB) have been held. Starting in 2017 and 2018, there was a training in mental training and financial training, while in 2019 this was an entrepreneurial training.

A total of 137 employees, ranging from the Helper level to the Head Department with the theme "Close the Mine?" (Question mark as an incentive to have thought or have not thought about this). The debriefing took place from September 4 to 5, 2019. Opened by CRM Manager - Deputy Summit of PT. KTD EMB, Sumargiyanto and advised that in the face of mine closure, do not appear to be in a hurry, need to be prepared as early as possible, in accordance with the passion. If you still want to work, you need to be equipped with knowledge and experience and other skills that support your next career. But there is more interesting that we can become Bosses in our own business (entrepreneurship). This training is conducted to make the employees more open-minded to explore their potential besides being employees.

The training was guided by a professional trainer, Mohammad Iqbal, he in the field of Income Generating Activity (Field of Economic Empowerment) for quite some time, and has facilitated small and medium businesses for almost 30 years. On this occasion also, he opened the insight that there is no term "retirement" for humans, but trying for

life. The term pension only applies when the position holds an employee. Recognize strengths rather than weaknesses, and don't focus on fixing weaknesses, and realizing that the time of an employee is a time of cultivating excellence. He introduced 5 micro business sectors which were prioritized by the Bank, including: Grocery stalls, Lodgings, Culinary, Laundry, and Wet Markets (meat, fish, vegetables and fruit); and 3 business sectors that have no end that is related to the stomach, finance, and services.

The participants were enthusiastic about mapping out their own potential, and thinking of business models according to their passion. Furthermore, the participants were motivated to be entrepreneurs, strong willpower is needed, don't be shy, keep learning, don't be greedy, always maintain quality, and always give charity. At the end of the session a discussion of self-potential and business model plans was carried out, although in general some employees (participants) still frowned, but remained enthusiastic at the end of the training and absorbed new insights. Hopefully after this training, there is an open mind to continue life after the mine closes.

@Dwi Setyawati_CDO KTD EMB