

Improvement of quality of life

In 2022, RATCH and communities jointly launched activities to strengthen their resilience to possible impacts particularly on safety; and preparation for the intensifying climate change and its direct impacts on communities.

| Project | Objective | Actions | Results |
|--------------------|------------------------------------|---------------------------------|-------------------------------|
| 1 | · | | (actual and expected) |
| RATCH Group PCL. | | | |
| Education for | Promote technical knowledge | Organize Basic Wind Turbine | Teachers and students |
| Career | improvement for vocational | training for Lao PDR's | participating in the training |
| Empowerment | students | vocational teachers | and workshop gained more |
| Project in Lao PDR | Support Lao PDR's educational | Organize a workshop for | knowledge and skills. |
| | strategy to create skilled labor | senior vocational students | Vocational colleges have the |
| | Support SDG 4: Ensure inclusive | Improve the laboratories of 4 | laboratories that support |
| | and equitable quality education | vocational colleges | learning by doing. |
| | and promote lifelong learning | | |
| | opportunities for all | | |
| Love the Forest | Support the corporate | Organize the annual 2022 | The competition attracted |
| and the Community | sustainability strategy in social | Model Community Forest | 1,105 community forests. |
| Project | and environmental dimensions | Competition | Forests are rehabilitated and |
| | Support the corporate | Promote community forest | maintained by community, |
| | sustainability strategy in social | management for sustainable | ably functioning as carbon |
| | and environmental dimensions | development | sinks. |
| | Engage community with the | Promote community forest as | Community forests gain |
| | management, development and | natural classroom for forest- | increasing recognition, |
| | rehabilitation so that forests can | oriented education | effectively drawing supports |
| | sustainably support community | Raise awareness in the value of | from more external |
| | livelihood | forests and support related | organizations which further |
| | Encourage the utilization of prize | activities that enhance | drive the success. |
| | money in further improving | community resilience to the | The operations are replicated |
| | forest safeguarding and | climate change | to nearby organizations and |
| | rehabilitation | | community forests, to raise |
| | | | knowledge and understanding |
| | | | in forest conservation and |



| Project | Objective | Actions | Results |
|---------------------|---------------------------------|-----------------------------------|------------------------------------|
| · | | | (actual and expected) |
| | Support SDG 13: Take urgent | | utilization of resources for |
| | action to combat climate change | | extra income, for example, via |
| | and its impacts | | the promotion of eco-tourism |
| | | | or distribution of community |
| | | | products. |
| | | | The project entails the youth |
| | | | through youth camps |
| | | | organized by winning |
| | | | community forests with their |
| | | | prize money, to raise the local |
| | | | youth's awareness on |
| | | | conservation. |
| Mangrove | Increase green areas for carbon | • In the process of preparing the | To increase natural carbon |
| reforestation | sequestration | land for tree planting | sinks |
| project, | • Enhance mangrove ecosystem's | | To enhance mangrove |
| in collaboration | biodiversity | | diversity in the project area |
| with | Support SDG 13: Climate action | | |
| the Department of | and SDG 14: Conserve and | | |
| Marine and Coastal | sustainably use the oceans, | | |
| Resources, in | seas and marine resources for | | |
| Chanthaburi | sustainable development | | |
| Province | | | |
| (113.47 rai) | | | |
| Reforestation | Increase green areas for carbon | In the process of land selection | To increase natural carbon |
| project in | sequestration | and preparation of project | sinks |
| collaboration with | Increase biodiversity of | design document (PDD) and | To enhance the biodiversity of |
| Royal Forest | terrestrial forests | Co-Benefit report | terrestrial forests in the project |
| Department's | Support SDG 13 and SDG 14 | | area |
| Reforestation | | | |
| Promotion Office in | | | |
| Chanthaburi | | | |
| Province (500 rai) | | | |
| Plant Genetic | Educate target groups about | Organize workshops on school | The workshops were attended |
| Conservation | school botanical garden | botanical gardens and local | by 249 people. |



| Project | Objective | Actions | Results |
|-----------------------|---|---|------------------------------------|
| Due to at any doubter | | material was a survey of a was also all | (actual and expected) |
| Project under the | management and local natural | natural resources for school | Improving knowledge score 70,050/ |
| royal initiative of | resources | personnel and local | was 78-85% |
| HRH Princess | Establish the school botanical | government officers | Public awareness in the |
| Maha Chakri | garden network and enhance | Promote and host the project's | project grew following the |
| Sirindhorn | the efficiency of network | 30th anniversary exhibition | 30th anniversary exhibition |
| | collaboration | Prepare the 7th five-year | and publication on the |
| | Establish the local natural | operational plan under the | company's website. |
| | resource network and enhance | project's master plan and the | |
| | the efficiency of network | annual operational plan for | |
| | collaboration | 2024 accounting year. | |
| | Extend the knowledge about the | | |
| | project to target groups/ society, | | |
| | to raise awareness in national | | |
| | resource conservation | | |
| Community energy | Raise awareness on energy | Provide solar-powered water | The energy saving reduced |
| project in Yang | optimization | pumps - Six 3,400-watt pumps | carbon emissions by |
| Hak sub-district, | Promote energy saving | and sixty 340-watt solar panels | approximately 40.79 tCO₂e |
| Pak Tho District, | Assist the development of | Eight 600-watt pumps | per year. |
| Ratchaburi | community energy innovation | Provide supports to 2 learning | Household expenses were |
| Province | from local resources | centers | slashed by approximately |
| | Support SDG 13 | | Baht 330,778 per year. |
| Recyclable | Provide materials for the | Donate old desk calendars | A number of 252 old |
| calendars | production of braille teaching | collected by executives and | calendars were gathered and |
| | tools for visually-impaired | employees to assist the | delivered to the foundation. |
| | people | Foundation for the Blind under | |
| | | the Royal Patronage of H.M. | |
| | | the Queen's production of | |
| | | teaching materials for visually- | |
| | | impaired people | |
| RATCH's supports | Help flood victims | Deliver survival packs prepared | A number of 100 survival |
| to flood victims | | by executives and employees | packs were delivered to |
| | | to flood victims in Bang Pho | floodvictims |
| | | sub-district, Samkhok District, | |
| | | Pathum Thani Province | |



| Project | Objective | Actions | Results (actual and expected) |
|---|--|--|---|
| Blood donation in honor of His Majesty the King | Increase blood supply for the Thai Red Cross Society | Organize a blood donation event in honor of His Majesty the King with supports from the mobile units of Thai Red Cross Society and Central Chest Institute of Thailand | 42 executives and employees donated blood, amounting to 18,900 cc. |
| Ratchaburi Electricity | Generating Co., Ltd. | | |
| 2022 Scholarship Project | To offer educational opportunities to the poor youth with good academic scores and good behavior To ease poor parents' expenses | 504 scholarships worth Baht 1,007,400 were awarded to 14 schools. | Students enjoy educational opportunities and can proceed with their studies. Scholarships reduced their family's expenses |
| CSR IN SCHOOL | To raise awareness in the network center's role and duty in supporting the activities of 27 networked schools located around Ratchaburi Power Plant To strengthen relationship with communities in target areas | Training and seminar were hosted for the executives and educational personnel of 27 networked schools involved with the project. All 27 schools submitted reports/projects. | The events were attended by 135 participants. Satisfaction score was 93.91%. Each of the networked schools received financial supports worth Baht 20,000 each, or a total of Baht 540,000. |
| For Our Home Project (Education Group) | To support self-development among school executives and educational personnel on skills and moral standards for career advancement To strengthen relationship with the school network and communities in target areas | Training on Performance Agreement (PA) for teachers and school executives, for an upgrade in academic ranking. | The training in 4 classes welcomed a total of 350 attendees. Satisfaction score was 95.46 % |
| Empowerment of development groups | To strengthen relationship with communities | Field trips for Hed Khone Condo Group, Kowin Group and Ban Saphan Dam Learning Center Training on online marketing | Field trips were organized for 38 members of the group and satisfaction score was 95.95%. The training had 17 attendees. |



| Project | Objective | Actions | Results (actual and expected) |
|---|-----------------------------------|-------------------------------------|---------------------------------|
| | | | Satisfaction score was |
| | | | 94.67%. |
| Mobile medical | To offer continuous healthcare | Donate COVID-19 protection | Health centers received 1,000 |
| and dental unit | services to neighboring | kits and survival kits to health | ATK sets, 1,600 liters of |
| project | community | centers in 9 sub-districts | alcohol, 1,000 PPE sets and |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | To promote Thai traditional | Organize traditional massage | 1,000 survival kits. |
| | medicine and Thai herbs as well | and other activities to promote | The massage activity served |
| | as self-reliance | health protection and | 227 people. |
| | To build relationship with | rehabilitation | |
| | neighboring community | | |
| For Our Home | To strengthen relationship with | Training to equip public health | Public health personnel were |
| Project | neighboring community | personnel with professional | equipped with knowledge and |
| (Health Group) | To promote and enhance | skills relating to Thai traditional | professional skills relating to |
| | community | medicine | traditional medicine. |
| | To offer Thai traditional | | The training had 24 attendees. |
| | medicine as an alternative | | Satisfaction score was |
| | treatment for illness relating to | | 96.67%. |
| | muscles, tendons and bones | | |
| | To enhance community quality | | |
| | of life | | |
| For Our Home | To promote the food as | Training for monks on "the role | 120 monks attended the |
| Project | medicine knowledge | of food and diets in disease | training. |
| (Religion Group) | To extend the knowledge to | prevention" | Drinking water, school |
| | Buddhist followers | Preparation of offerings like | supplies, etc. were given to |
| | To promote, support and | drinking water, school | the Pali Ecclesiastical |
| | improve Buddhism studies | supplies, etc. | Learning Project in Ratchaburi |
| | | | Province. |
| RATCH Cogeneration | n Co., Ltd. | | |
| Supports to career | To support knowledge | Provision of financial supports | At least 2 career-building |
| training activities | enhancement and career | to community activities that | activities are selected for |
| at Eua Arthorn km | activities at neighboring | promote knowledge | financial supports per year, |
| 44 Project, | community | enhancement and career | targeting communities in Tha |
| earmarked for the | To equip community members | building for the unemployed | Khlong Municipality. |
| unemployed | with knowledge and skills so | and the underprivileged | |



| Project | Objective | Actions | Results |
|----------------------|-----------------------------------|---|-----------------------------------|
| | that they can generate income | | (actual and expected) |
| | that they can generate income | | |
| Supports to | and depend on themselves | - Drovinian of financial cumports | a 1 training project received the |
| Supports to | To uplift volunteering spirit and | Provision of financial supports to training on valuate gring for | 1 training project received the |
| training on | volunteers' capabilities in | to training on volunteering for | financial support. |
| volunteering | tackling community issues for | social development and human | |
| for social | the well-being of neighboring | security at Eua Arthorn | |
| development and | community | Community, organized by | |
| human security | | social workers that want to | |
| | | improve the well-being through | |
| | | volunteering | |
| Provision of | To relieve the COVID-19 | Provision of necessity items to | The provision lessened |
| necessity items to | impacts on the patients and | COVID-19 patients and | impacts on COVID-19 |
| COVID-19 patients | their families | financial supports to Asian | patients. |
| and financial | | Institute of Technology's Home | The provision helped ease a |
| supports to Home | | Isolation project, in | Home Isolation center's |
| Isolation | | collaboration with government | financial burden and |
| preparation | | offices in Tha Khlong | shortages of consumer |
| | | Municipality | products. |
| Home maintenance | To repair the houses of poor, | Provision of home repair | A number of 6 houses were |
| for the poor | elderly and disabled people in | service in the specified area, | repaired. |
| | neighboring community, for their | after consultation with Tha | |
| | own safety | Khlong Municipality's | |
| | | community committee and | |
| | | government offices | |
| Nava Nakorn Electric | ity Generating Co., Ltd. | | |
| 2022 Scholarship | To offer educational | Provision of 54 scholarships | Students enjoy educational |
| Project | opportunities to the poor youth | worth Baht 99,000 | opportunities and can |
| | with good academic scores and | | proceed with their studies. |
| | good behavior | | Scholarships reduced their |
| | Encourage a sense of | | family's burden. |
| | responsibility in the youth and | | Students are responsible for |
| | motivate them to make good | | their duty and can improve |
| | use of acquired knowledge | | themselves, their families and |
| | | | society. |



| Project | Objective | Actions | Results |
|---|---|---|---|
| . 10,001 | 62,555 | 7.0.10110 | (actual and expected) |
| Provision of medical equipment in 2022 | To assist public health development | Provision of medical equipment worth Baht 30,000 to Tambon Phayom Health Promotion Hospital | The company took part in promoting the health of the general public. The hospital had sufficient equipment for its operations. |
| #7 Return Life to Water Project in 2022 | Replenish the abundance and biodiversity in community water | Provision of 20,000 baby fish to neighboring communities for release to Khlong Chiang Rak Noi | The abundance and diversity of aquatic animals in the community's water channel has increased. Participating community members and students were numbered 79. Satisfaction score was 92.25% |
| Khlong Chiang Rak Noi rehabilitation in 2022 | To join public efforts in safeguarding Khlong Chiang Rak Noi | Rehabilitation of Khlong Chiang Rak Noi with collaboration from community and local administrative offices (including Phra Intharacha Municipality's public health and environment division) | The company took part in the campaign to safeguard Khlong Chiang Rak Noi. Participants' satisfaction score was 91.88% |
| World Environment Day Activity | To raise environmental awareness among business owners and the general public | Supports to Pathumthani's environmental rehabilitation club that hosted an activity to mark the World Environment Day on 5 June 2022 | Participants saw the necessity of environmental protection in their community and society at large. |
| Activity under National Mother Village Fund and Drug Prevention/ Rehabilitation Project | To campaign against drugs | Provision of financial supports and snacks to the activity under National Mother Village Fund and Drug Prevention/ Rehabilitation Project by Moo 6, Chiang Rak Noi Sub-district, Bang Pa-In District, Ayutthaya Province | The company took part in the campaign against drugs. |



| Project | Objective | Actions | Results |
|-----------------------|----------------------------------|----------------------------------|------------------------------|
| D 1 16 1 | T | | (actual and expected) |
| Dried food | To assist flooded communities | Donation of rice and dried food | The company took part in |
| provision to | | by executives and employees | helping society and easing |
| flooded | | for neighboring communities | flood impacts. |
| communities in | | | Communities could deal with |
| 2022 | | | difficulties. |
| | | | Satisfaction score was |
| | | | 83.80%. |
| Berkprai Cogeneration | | | |
| Baby fish release | To preserve aquatic animals in | Provision of 20,000 baby fish | The company helped restore |
| and preservation | Mae Klong River | for release to Mae Klong River: | Mae Klong River's abundance |
| of water source | To strengthen relationship with | 95 people joined the activity | |
| | neighboring communities | | |
| | To commemorate King Rama | | |
| | IX's benevolence | | |
| Water Bank | To equip community in Tha Pha | Provision of financial supports | 63 community members |
| Project to address | Sub-district, Ban Pong District, | to the schools' lunch programs, | jointed the activity. |
| Tha Pha | Ratchaburi Province of | to ensure proper nutrition | A water bank learning center |
| Sub-district's | knowledge on wastewater | | was set up. |
| polluted water | treatment | | Participants' satisfaction |
| | | | score was 96.78%. |
| School Lunch | To ensure the students in 4 | Provision of financial supports | The programs involved 320 |
| Project | schools - Wat Ladbuakhao | to the schools' lunch programs, | people. |
| | School, Wat Hup Krating | to ensure proper nutrition | The financial supports |
| | School, Wat Plak Raet School | | reached all target students. |
| | and Ladbuakhao Child Center- | | Participants' satisfaction |
| | enjoy nutritious lunches | | score was 96.8%. |
| | throughout the academic year | | |
| Livelihood | To promote and support | 3 training bases: 1) liquid soap | The training activity had 85 |
| development | community's self-improvement | making 2) making of dish | participants. |
| project under | in line with self-sufficiency | washing liquid and 3) ribbon | The participants knew how to |
| Self-Sufficiency | principles and community's | chick making, so that | make liquid soap, dish |
| Principles at | capacity | participants could extend the | washing liquid and ribbon |
| Suankluay | | knowledge to others or | chicks and could develop |
| Sub-district | | | careers with the knowledge. |



| Project | Objective | Actions | Results (actual and expected) |
|--------------------|-----------------------------------|----------------------------------|--------------------------------|
| | | produce in groups for | Participants' satisfaction |
| | | sustainable income | score was 97.81% |
| Community | To engage with community | Community landscape | The activities attracted 80 |
| landscape | leaders | improvement activities at Moo | volunteering villagers and |
| improvement | To improve the community | 6, 7 and 8 of Berkprai Sub- | company staff. |
| project | landscape | district, involving volunteering | • The Moo 6, 7 and 8 of |
| | To improve the community | villagers and company staff | Berkprai Sub-district enjoyed |
| | environment | who jointly cleaned canals, cut | a better environment |
| | | grass and clean village roads | |
| Sahacogen (Chonbur | i) PCL. | | |
| Energy Arts | To support students' art skills | Annual art contest under | 80 students from18 schools |
| Contest 2022 | and an exchange of experiences | energy themes | joined the contest. |
| under the project | To promote and support | | |
| to promote art | student's artistic exercises with | | |
| skills and | inserted knowledge about | | |
| sustainable energy | biomass power plant | | |
| conservation | To instill positive attitudes | | |
| | towards the company | | |
| SGF Love Sharing | To promote school activities | Provision of scholarships, | Students received stationaries |
| Project | To extend educational | financial supports to school | and scholarships while |
| | opportunities to the youth in | activities, stationaries and | schools won financial |
| | neighboring communities | sport equipment, targeting | supports for their activities. |
| | | schools in one sub-district for | Students enjoyed educational |
| | | each year. | opportunities. |
| Career Promotion | To equip community members | 2 short-term training courses in | Community members had |
| Project | with knowledge and skills for | 2 communities | knowledge and skills to earn |
| | sustainable income | | extra income. |
| Youth Health | To raise awareness in | Annual training on the role and | Young and older community |
| Volunteers Project | community health activities | duty of health volunteers and | members as well as |
| | | desirable social-responsible | community committee |
| | | projects for 50 young and older | members gained more |
| | | community members as well as | knowledge about public |
| | | community committee | health operations and social |
| | | members. | responsibility. |



| Project | Objective | Actions | Results (actual and expected) |
|--------------------|--------------------------------------|---------------------------------|----------------------------------|
| Village health | To improve villages' public | 3 training per annum to | Health volunteers were more |
| volunteer project | health capabilities | improve community | capable in executing health |
| | | capabilities on health | operations. |
| | | operations | |
| Clean Canal | To engage stakeholders in | Meeting with local | The water sources in target |
| Project | tackling water-related issues | administrative executives and | areas were clean and flow |
| | | leaders to know their issues | obstructions were removed. |
| | | and plan corrective measures | |
| | | Release of aquatic animals | |
| | | Distribution of seedlings | |
| | | Improvement of canal | |
| | | landscapes with cleaning and | |
| | | weed-eradication activities | |
| Disaster Relief | To demonstrate the company's | Cash donation to flood victims | Disasters-affected people |
| Project (fire, | social responsibility in light of | via PRINC Hospital's network | received emergency aid. |
| flood, windstorm, | disasters | Donation of necessity items to | |
| disease outbreaks) | | flood victims via Chonburi | |
| | | Social Development and | |
| | | Human Security Office | |
| Maintenance | To support community | Provision of maintenance | Schools and temples' |
| Volunteer Project | infrastructure activities related | supplies and staff for the | electrical system was in safe |
| | to the company's operations | electrical system maintenance | conditions. |
| | To support engagement | at schools, temples and | Energy efficiency was |
| | activities of Provincial Electricity | monasteries, organized once a | enhanced, hence saving |
| | Authority, Phitsanulok PEA | year jointly with the network | energy and expenses. |
| | office and neighboring | | |
| | communities | | |
| Community Tap | To support community utility- | Provision of financial supports | Village electrical and tap water |
| Water Project | related activities | to electricity and tap water | systems were in safe |
| | To raise awareness in the | maintenance activities at 8 | conditions. |
| | significance of water and | communities and 1 local | |
| | electricity resources, so as to | administrative office in Khui | |
| | lead to optimized utilization | Ban Ong Sub-district, Phran | |



| Project | Objective | Actions | Results (actual and expected) |
|--------------------|----------------------------------|----------------------------------|---------------------------------|
| | | Kratai District, Kamphaengphet | (|
| | | Province | |
| Nexif RATCH Energy | Rayong Co., Ltd. | | |
| COVID-19 | To provide schools with | Extension of a fund for the | Students and teaching staff |
| protective | COVID-19 protective equipment | protective equipment | were better protected with the |
| equipment | | | equipment to prevent and |
| | | | monitor disease spread in |
| | | | school. |
| Supports to life | To assist people affected by the | Provision of financial supports | The affected received |
| support bag | COVID-19 impacts | to the preparation of life | assistance. |
| preparation | | support bags for distribution to | |
| | | people affected by the COVID- | |
| | | 19 impacts | |
| Supports to | To improve educational | Provision of financial supports | Wat Ban Khai School's library |
| school library | resources | to the improvement of Wat Ban | was improved and could |
| improvement | | Khai School's library | support students' learning |
| | | | activities. |
| Supports to | To support community-level | Provision of financial supports | Nong Lalok Sub-district had |
| Nong Lalok | education development | to assist the establishment of | funds to support the |
| Sub-district's | | Nong Lalok Sub-district's | education and sports |
| education and | | education and sports | foundation. |
| sports foundation | | foundation | |
| Supports to home | To provide the poor with better | Provision of financial supports | Poor people were delivered |
| repair activities | accommodations | to assist the maintenance of | safe and better-conditioned |
| | | the poor's accommodations | accommodations. |
| Supports to | To campaign for energy saving | Provision of financial supports | The general public changed |
| Rayong's energy | in Rayong Province | to Rayong's energy saving | their behaviors to save energy. |
| saving campaign | | activities | |
| RATCH-Lao Services | s Co., Ltd. | | |
| RATCH Ruam | To build a learning center | Construction of a school | Ban Phu Luang School could |
| Pattana School | | building for kindergarten | better serve students. |
| Building | | students, toilets and a garden | The better building and |
| | | along with electrical system for | environment could better |
| | | Ban Phu Luang School | |



| Project | Objective | Actions | Results (actual and expected) |
|-------------------|------------------------------|----------------------------------|---------------------------------|
| | | Monitoring of students' | motivated students' learning |
| | | academic performance | enthusiasm. |
| Youth development | To equip the youth in remote | Participation in career skill | Workers received skill training |
| activity | areas with career skills | training | concerning sewing, cooking, |
| | | | hotel management, beauty |
| | | | salon, car maintenance and |
| | | | construction. |
| | | | The community's employment |
| | | | rate increased. |
| Annual medical | To provide company staff and | Provision of annual medical | Company staff and villagers |
| examination | neighboring community | examination to company staff | near the operating area |
| | members with medical | and the villagers of 15 villages | enjoyed greater accessibility |
| | examination | in Lamam City, 10 villages in | to basic health services. |
| | | Sekong Province and 5 villages | Villagers received treatment |
| | | in Kaluem district. | and annual health check-up. |