



MONGOLIA-2022

MONPELLETS LLC

Our contribution
to the united nations
sustainability goals





Манай компанийн үйлдвэрлэж буй 100% нөхөн сэргээгдэх түүхий эдээр хийсэн органик бордоо нь НҮБ-н 2030 он хүртлэх тогтвортой хөгжлийн 17 зорилтын хангах чиглэлд зорилт тавин ажилладаг

SUSTAINABLE DEVELOPMENT GOALS

Одоогоор Монпеллетс ХХК
нь 11 зорилтыг хэрэгжүүлж
хөгжүүлж байна.





SUSTAINABLE DEVELOPMENT GOALS

END POVERTY IN ALL ITS FORMS EVERYWHERE



- Monpellets is brand new market player at mass production of sheep wool organic fertilizer since 2019. Fertilizer industry in Mongolia is not generate high value creation so far but we do believe the usage of fertilizer will increase significantly since this is main reason of making soil and plant growth yield increase.
- Worlds moves to organic so organic fertilizer market will dramatically which increase through its purchases of goods and services and tax contributions, the industry creates positive ripple effects in the form of direct and indirect jobs
- Jobs provide a route out of poverty. Monpellets employs 6 employees and holds 13 positions.



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SUSTAINABLE DEVELOPMENT GOALS

END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE



- Effective and sustainable green product
- Products for improved plant growth stimulants for food plants
- Improved and sustainable protection for crops
- 100% renewable raw materials do not compete with food production
- Monpellets fertilizer is German technology with Mongolian know-how
- Monpellets fertilizer is proven by several research and study that shows promote sustainable agriculture and soil and plant organic base
- Monpellets has been compared with all types of organic fertilizers both its ingredients and application results that has promising clear advantages



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SUSTAINABLE DEVELOPMENT GOALS

GOOD HEALTH AND WELL BEING



- Monpellets is 100% organic fertilizer that has very efficient result for both greenhouse and open field plant, tree, crops growth for its size, soil fertility and rich harvesting.
- The products does not have ANY chemical additives.
- Products that contribute to organic growth with promised rich harvest
- We highly encourage if soil is organic then plant is organic
- Focus on the health and safety of employees



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SUSTAINABLE DEVELOPMENT GOALS

CLEAN WATER AND SANITATION



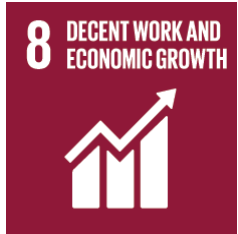
- WE don't use WATER to producing our product. A focus on reducing water consumption (SDG 6.3)
- Working with, and investing in, emission cuts (SDG 6.3) by developing green house purely by organic
- Monpellets fertilizer absorb the water under the soil 3.5 times itself and release it slowly up to 10-14 months and 100% dissolve itself by refreshing the soil and improving the growth of the plant.
- While reducing water use up to 25% Producing products for use in water purification (SDG 6.3)
- However, we don't use any water to the production line, we built water treatment plant in our facility and gray water is used for household purposes /Own water treatment facility at the plant in (SDG 6.3)
- Our future is to export green house products such as strawberry etc



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SUSTAINABLE DEVELOPMENT GOALS

DECENT WORK AND ECONOMIC GROWTH



- Mongolia recently having several domestic fertilizer plants and totally we produce 60 000tn fertilizer per year which generate a high level of value creation and positive ripple effects in society.
- Substantial tax, social pension contributions
- Good working conditions and training programmes (SDG 8.5)
- We do employ seasonal employees during wool shearing peak period.
- We are creating cluster among herder-wool washing plant- leather tannery plant – fertilizer plant
- Supplier follow up and approval of new suppliers in accordance with requirements for responsible sourcing (SDG 8.5)



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SUSTAINABLE DEVELOPMENT GOALS

BUILD RESILIENT INFRASTRUCTURE, PROMOTE SUSTAINABLE INDUSTRIALISATION AND FOSTER INNOVATION



- Monpellets is green sustainable and 100% renewable eco-friendly natural focused plant
- Substantial investments in innovation using internal resources, as well as contributions from institutes and universities (SDG 9.5)
- Green Sustainability is the main focus in innovation work (SDG 9.5)
- Developing new, sustainable fresh soil-based industry through the collaboration research agreement with Japanese university (SDG 9.5)
- Spending a substantial proportion of revenues on innovation (SDG 9.5) we do invest to study, research and trial outs constantly



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SUSTAINABLE DEVELOPMENT GOALS



MAKE CITIES INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE

- Social engagement in local areas – we organize events and training for local area herders and people
- Support for schools, recreational activities, social initiatives, urban and sustainable development (SDG 11.3) – we offer sales percentage back to specified fund or NGO that could be used for social works purposes.
- We have been receiving honors and awards from since our establishment and always pursue to implement new ideas with local authorities.
- In 2022, we are organizing mechanical shearing training courses to 3 aimags together with New Zealand Share Mongolia projects, Australian Embassy and UNIDO



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SUSTAINABLE DEVELOPMENT GOALS

ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS



- Sustainable business model with pure organic and renewable raw material-based products (SDG 12.2)
- Renewable energy strategy for increasing the use of green and renewable energy and energy efficiency (SDG 12.2)
- Environmental investments to cut emissions and waste (SDG 12.4)- For instance, we have contract with wool washing plants by getting their waste wool which 40% is our raw material 50% is for our new product ideas which will be tested 2022. In this project 2 plants can do better work at waste management
- Long-term plan to contribute finding land desertification solution by using sheep wool fertilizer and soil improvement strategy of Mongolia while starting to export green house products to neighbor countries. (SDG 12.4)
- Improved non-chemical, organic fertilizer use and safety (SDG 12.4)



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SUSTAINABLE DEVELOPMENT GOALS

TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS



- The anti-desertification concept is an integral part of the business model – an important climate measure for Mongolia. According to statistics, Mongolian 67% of land has lack nutrient which Monpellets fertilizer has high percentage of N. (SDG 13.2)
- Collaboration research agreement with Fukui University of Japan and Monpellets are seeking to develop how sheep wool fertilizer technology and newly created know how could lead resolution of land desertification. /planning to publish the result end of 2023/
- Established science-based targets for cutting green house gas emissions (SDG 13.2)
- Investments in renewable energy (SDG 13.2) with our 3 years of business plan



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SUSTAINABLE DEVELOPMENT GOALS

COMBAT DESERTIFICATION, HALT AND REVERSE LAND DEGRADATION, HALT BIODIVERSITY LOSS



- Mongolian land is losing its fertility over decades
- Mongolians don't have proper use of fertilizer
- Land cannot be expanded but population does
- All these problems creates land desertification and 67% lost of fertility, 3/5 land getting desert some which are national emergency therefore Monpellets is very significant and important source for this problem, and we do research and study to present proof that we have solution.



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SUSTAINABLE DEVELOPMENT GOALS

REVITALISE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT



- We work not only domestic organization but internationally very active. Current collaboration and works we've done are:
- Humboldt university of Germany
- Fukui University of Japan
- Vermont university of United states
- OMRI of USA, Organic material Research institution
- Kopia Mongolia ,Korean Sustainable Agriculture organization
- FIBL Research Institute of Organic Agriculture, Europe, certified
- LUFA , European laboratory
- Mongolian Sustainable TextileCommunity member
- Mongolian Organic Khugjil NGO member
- Environmental reporting: CDP, Global Compact and annual report (SDG 17.14 & 17.16)
- Represented in various environmental forums, nationally and internationally (SDG 17.16)
- Collaborate with customers on developing more sustainable product and solutions (SDG 17.16)



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