



Policy on Environmental Issues

Due to its business activities, adding value to agricultural raw materials in the Sugar, Starch and Fruit segments, efforts to ensure sustainability represent an integral pillar of AGRANA's business model.

AGRANA considers sustainability to be a balance between economic, environmental, and social aspects in the context of its commercial operations. In 2012|13, AGRANA formulated the following three principles summarising its understanding of sustainability:

At AGRANA we...

1. Utilise almost 100% of our agricultural raw materials and employ low-emission technologies in industrial processing in order to mitigate impacts on the environment
2. Respect all stakeholders and societies in which we operate
3. Cooperate with suppliers and customers in the form of long-term partnerships

This policy on environmental issues elaborates on AGRANA's first principle of sustainability in more detail. It covers the most relevant environmental aspects i.e. energy consumption and emissions, as well as water and waste management, and constitutes the guiding principles for those issues at AGRANA's processing plants.

Compliance with legal regulations

AGRANA Group complies with all pertinent legal provisions in the environmental field.

Energy consumption

As an energy intensive refiner of agricultural raw materials in the field of Sugar, Starch, Fruit (i.e. fruit preparations and fruit juice concentrates), we strive, as part of an ongoing process, to optimize our energy consumption and energy efficiency.

To achieve these objectives, we are integrating an energy management system, based on standards such as ISO 50001, into our existing quality management system.

As a consequence, we strive to acquire energy efficient processes, technologies, equipment and services capable of improving our energy-related performance.

Implementing this policy on energy consumption we set the following strategic targets:

- Use of fossil energy sources with the lowest carbon intensity possible (e.g. natural gas)
- Implementation of proven new technologies for production processes with regard to energy savings and energy generation
- Increase of self-sufficiency with regard to energy generation (i.e. through CHP, usage of biogas, burning biomass, photovoltaics, etc.)
- Energetic use of residual products (e.g. biogas plants, straw burning, etc.)
- Increase in the share of renewable energies
- Continuous improvement in specific energy consumption based on the energy management system.

These targets are to be adapted to each processing plant in each country in order to maintain the competitiveness of AGRANA's operational units and to coincide with AGRANA's investment policy.



Emissions

AGRANA is reducing specific GHG and other relevant specific emissions primarily by reducing specific energy consumption per tonne of product output.

Water management

Water is one of many input-flows in AGRANA Group's production processes. We use and discharge it in a sustainable way at all production plant.

Water withdrawal

AGRANA's guiding principles on water use:

- Reduction of water use to the economically worthwhile minimum
- Constant recirculation of water with appropriate reconditioning
- Efficient use of water obtained from raw materials in our production processes (e.g. as rinsing and flushing water, steeping water, etc.)

Due to different raw materials used, as well as production processes applied in AGRANA's three business segments, measures derived from these guiding principles are to be adapted to each processing plant in each country.

Waste water treatment

AGRANA ensures water is only discharged in compliance with local legal regulations.

We strive to reduce effluents. Discharged water has either been treated in on-site waste water treatment plants or is discharged into municipal waste water treatment facilities.

Waste management

AGRANA strives to convert 100% of the agricultural raw materials employed into marketable core and by-products. We consider energy generation from otherwise no longer usable agricultural residues the final stage of a sustainable utilisation chain. This target of 100% raw material utilisation contributes to a reduction in waste.

Based on the efficient use of auxiliary materials in production processes, in repair and maintenance, we minimize our waste-volume. By using reusable packaging (e.g. bulk packaging), and recyclable materials in the packaging of our products, as well as for transportation aids (e.g. pallets) we pursue a sustainable waste reduction strategy.

Complaints procedure for environmental aspects

All AGRANA sites are generally subject to local legal regulations with regard to compliance with environmental aspects associated with operations, new facilities or extensions to existing facilities. In addition to the above, AGRANA has prepared a policy for stakeholder engagement relating to the protection of land rights and biodiversity with regard to its production sites in order to ensure minimum standards which, in part, go beyond local legal requirements.

The site managers of AGRANA production facilities are available by telephone, email or, subject to appointment, in person as a point of contact for any complaints (contact details can be found online). They will attempt to find timely, individual solutions to complaints and implement appropriate technical and organisational improvements.