

Sustainable Development Policy

Aymium is an environmental technology company committed to sustainable production of environmental products that reduce environmental impacts from energy production, metals production, and agriculture and purify drinking water for millions of people. Aymium has the lowest life-cycle environmental footprint for value-added carbon production in the world. Our products are projected to reduce millions of tons of greenhouse gases over the next five years through redirection of biomass out of the waste stream and displacement of fossil fuels. Aymium's goal is to improve the world.

In 2015, the United Nations adopted a blueprint to address the global challenges of poverty, inequality, climate change and health care. This blueprint outlined 17 Sustainable Development Goals (SDGs) to be achieved by 2030 to address those global challenges. Consistent with the UN's SDGs and Aymium's business objectives of promoting environmental and social improvement, Aymium has adopted the platform below to ensure and promote sustainable development:

17 Sustainable Development Goals

1. NO POVERTY

- Build facilities in locations that are economically disadvantaged.
- Provide well-paying jobs and training opportunities for local citizens.

2. ZERO HUNGER

- Manufacture and promote the use of organic agricultural biocarbon to increase yields of food crops on depleted agricultural lands.
- Support hunger relief in the communities where we operate.

3. GOOD HEALTH AND WELL-BEING

- Operate plants in a manner that has no health impacts on surrounding communities and vulnerable populations.
- Provide affordable health and dental care benefits to all employees and their dependents.

4. QUALITY EDUCATION

- Provide employee education and career development opportunities.
- Partner with local community colleges and trade schools by offering internships to students.

5. GENDER EQUALITY

- Maintain a qualified workforce and employment practices independent of gender.

6. CLEAN WATER AND SANITATION

- Design and operate all plants with the goal to have zero wastewater generated from the facility.
- Recycle all water streams in the plant to minimize use of freshwater resources.
- Supply renewable activated carbons to purify drinking water.
- Supply agricultural carbons to prevent runoff and surface water contamination.

7. AFFORDABLE AND CLEAN ENERGY

- Produce all by-product gases to provide heat and electricity required for operations.
- Where possible, send excess renewable electricity to the regional grid.

8. DECENT WORK AND ECONOMIC GROWTH

- Maintain a safe working environment through employee education and management support.
- Provide well-paying jobs and training opportunities for local citizens.

9. INDUSTRY, INNOVATION AND INFRASTRUCTURE

- Sustain Continuous Improvement in product performance and production costs.
- Continue to build a global portfolio of patents and innovative technologies.
- Seek opportunities to partner and build plants in economically disadvantaged areas.

10. REDUCING INEQUALITY

- Foster an attitude of respect for all people and implement unbiased employment practices.
- Support opportunities for employees to volunteer and invest in local community improvement projects.
- Create hiring and contracting preferences that support diversity and inclusion.

11. SUSTAINABLE CITIES AND COMMUNITIES

- Create and provide environmentally responsible products to remove pollutants from air and water sources.
- Operate plants in a manner having no health impacts on surrounding communities and vulnerable populations.

12. RESPONSIBLE CONSUMPTION AND PRODUCTION

- Design and operate each plant with the lowest environmental footprint possible.

- Utilize procurement practices to foster sustainable supply chain resources.
- Use third-party certification and audits to ensure sustainable inputs.

13. CLIMATE ACTION

- Supply products that result in significant reductions of greenhouse gases.
- Operate all facilities at the highest level of energy and resource efficiency.
- Promote the use of sustainably produced biomass-based carbon products to displace equivalent fossil-based commodities.

14. LIFE BELOW WATER

- Produce organic products that reduce runoff of fertilizers and pesticides from agricultural crop production.
- Seek opportunities on a local and global scale to support organizations active in reducing marine pollution and restoration of saltwater ecosystems.

15. LIFE ON LAND

- Source biomass from 100% certified renewable and sustainable feedstock to combat deforestation.
- Provide outlet and beneficial use for healthy forest management to reduce the risk of forest fires.

16. PEACE, JUSTICE AND STRONG INSTITUTIONS

- Provide a secure, safe, non-violent work environment for all employees.
- Seek opportunities to support local nonprofit organizations that provide shelter and assistance to victims of abuse or neglect.

17. PARTNERSHIPS FOR THE GOALS

- Work with like-minded suppliers and customers both nationally and internationally.
- Work with federal, state and local governments to identify product applications that can help achieve environmental and social benefits.