Plastic technology revolutionized the agricultural industry by allowing farmers to achieve significant increases in crop yield. However, agricultural plastics contribute to roughly 2% of the world’s total plastic production - an estimated 12.5 million tons of ag plastics are produced annually. Despite the benefits of ag plastics, there are significant environmental costs across all phases of the plastics life-cycle.

**BUSINESS SOLUTION**

AgPlastic Solutions mitigates the environmental impacts of agricultural plastics disposal by capitalizing on this underutilized waste stream through the development of recycling projects using small-scale, modular advanced recycling systems.

**ADVANCED RECYCLING TECHNOLOGY**

AgPlastic Solutions partners with emerging technology providers that are developing advanced recycling systems that apply processes, such as pyrolysis and gasification to break down plastics at the molecular level and convert them into useful chemicals - such as fuels and plastic precursors.

**PRODUCTION**

- Fossil Fuel Extraction and manufacturing

**USE**

- Microplastic Contamination in Soil and Water

**DISPOSAL**

- Toxic Leachate and Air Pollution

**FEEDSTOCK**

- Source contaminated agricultural plastic waste streams from farmers and waste haulers

**TECHNOLOGY PROVIDERS**

- Work with emerging technology providers to site, scale, and manage advanced recycling projects

**END-MARKETS**

- Identify buyers and end-markets for recycled plastic end-products, ideally selling to logistics heavy corporations with sustainability goals

**INVESTORS**

- Secure funding from social impact investors or municipalities. Investor ROI from end-product sales

**A VIABLE SOLUTION FOR MANAGING AGRICULTURAL PLASTIC WASTE**

- Turning a hard-to-manage, under-utilized waste stream into useful products
- Potential to reduce overall Green House Gas Emissions
- Helping companies meet sustainability goals

**PROJECT DEVELOPER BUSINESS MODEL**

**EXPERTISE AND RELATIONSHIPS**

- Expertise and relationship building within the industry are a critical component of specialized agricultural plastic waste management.

**TECHNOLOGY AGNOSTIC**

- Maintaining relationships with a variety of technology providers allows the best available technology to be chosen for the project.

**PROJECT DEVELOPMENT MODEL**

- As a project developer, AgPlastic Solutions manages the project complexities to get these systems in operation.