










OVERVIEW OF SERVICES

- **Supply of complete lines, including their assembly, training, and servicing.**
- **Development of new technological methods, machines, and equipment.**
- **Laboratory and pilot testing of designed technology at the workshop.**
- **Rental of technological equipment**
- **Processing of materials on our own equipment**
- **Consulting services in the fields of recycling and reuse of waste.**

Type of material and technological processing	Example	Type of material and technological processing	Example
<p>1. WEEE (waste electrical and electronic equipment)</p> <p>Complex technology for mechanical-physical processing of computer chipboards</p> <p>Grinding, electrodynamic separation</p>		<p>4. CRT screen recycling</p> <p>Splitting of screen with diamond-tipped rotary blade or thermal shock</p> <p>Cleaning of fragments by dry rasping</p>	
<p>2. Cu – (Al) conductors and cables</p> <p>Cu cables with Pb cover , Cu – Pb concentrate</p> <p>Grinding, fluid separation of Cu, (Al). Sorting based on size, electrodynamic separation</p>		<p>5. Thermocouples</p> <p>Crushing, grinding, sorting, gravitational processing in wet environment, hydrometallurgical finalization of Pt</p>	
<p>3. Recycling of LCD and plasma screens</p> <p>Crushing, magnetic separation, sorting by size, electrodynamic separation and fluid separation.</p> <p>Products: metal, aluminium, glass</p>		<p>6. Fluorescent light tubes and lamps</p> <p>Physical-mechanical processing – application of tubes (resp. screens), fragments cleaning, grinding and electrodynamic separation</p>	

Type of material and technological processing	Example	Type of material and technological processing	Example
<p>7. Removal of textiles from pneumatic tire chippings</p> <p>Sorting based on size, sorting tires, separation using fluid separator</p> <p>Reuse of textile product pelletization - alternative fuel</p>		<p>12. PET bottles</p> <p>Grinding, sorting based on size, separation of paper using fluid separator</p>	
<p>8. Waste oil, paint shop sludge, waste vegetable and animal fats, lubricants</p> <p>Homogenization with fuel products from alternative fuel – micro-pellets</p>		<p>13. Consolidation</p> <p>of fine dust particles</p> <p>Homogenization, pelletization, solidification</p>	
<p>9. Alternative fuel</p> <p>Grinding of separated plastics and WEEE plastics</p>		<p>14. Auto catalyzers</p> <p>Grinding of Pt pads, separation of metals from aluminum with precious metals</p>	
<p>10. Processing of cinders from incinerated municipal waste</p> <p>Sorting, (grinding), mag. separation, separation of colored metals</p>		<p>15. Use of specific waste</p> <p>Different grinding methods, sorting – retrieval of recyclable products</p>	
<p>11. Separation of metals from waste processing of fragments – municipal collection</p> <p>Grinding using special grinding machine, separation of Fe, electrodynamic separation of Al</p>		<p>16. Pelletization</p> <p>of waste paper, textile and biomass</p> <p>Grinding and pressing (extruding) into pellets suitable for combustion.</p>	