


The world generates a staggering amount of waste, with volumes continuing to increase at a rapid rate. Much of this growth is occurring in developing countries, where recycling rates remain low, and where nearly half of waste collected winds up in open dumps. Scaling up sustainable waste management practices, based on a waste-to-value approach, is key to addressing the significant environmental and public health hazards of mismanaged waste.


## CIRCULARITY PLUS PLATFORM

IFC's Circularity Plus platform is a one-stop shop that supports private sector waste management companies and municipalities in emerging markets with customized investment, advisory and networking solutions to harness the resource value in waste and promote circular, sustainable waste management practices.




**GLOBAL NETWORK**

Members of this IFC-organized global client network can **connect, learn and share knowledge** related to new markets, technologies, regulation and business models.



**ADVISORY**


IFC offers clients customized advisory and pre-investment support to assess **markets, regulation, and technology**; explore **business innovation**; and promote **sustainability**.




**INVESTMENT**

IFC, the largest development institution focused on the private sector in emerging markets, supports client investment needs with a **variety of financing options**—debt, mezzanine, equity and concessional finance.


## IFC SOLUTION AREAS



**Collection, sorting and recycling**, including plastic, electronics and metals, paper, construction and demolition waste, and **organics**; **safe disposal** in **sanitary landfills**.



**Energy from waste**, including refuse-derived fuel (RDF), landfill-gas-to-energy, biogas, biomethanation, and waste-to-energy.



**Business sustainability**, including carbon credits, plastic credits, extended producer's responsibility (EPR), environmental and social, and stakeholder engagement.

## SELECT INVESTMENTS

<p><b>SANITARY LANDFILL AND RECYCLING</b></p> <p>BRAZIL 2023</p> <p><b>ORIZON</b> VALORIZAÇÃO DE RESÍDUOS</p> <p><b>\$27 Million</b> Sustainability-Linked Loan</p>	<p><b>URBAN MINING AND RECYCLING</b></p> <p>POLAND 2022</p> <p><b>elemental</b></p> <p><b>\$90 Million</b> Equity</p>	<p><b>WASTE-TO-ENERGY</b></p> <p>SERBIA 2019</p> <p><b>BCE</b></p> <p><b>\$178 Million</b> Loan</p>
<p><b>LANDFILL GAS-TO-ENERGY</b></p> <p>CHINA 2022</p> <p><b>CHINA WATER</b></p> <p><b>\$50 Million</b> Green Loan</p>	<p><b>HAZARDOUS WASTE AND BIOWASTE</b></p> <p>ASIA 2020, 2022</p> <p><b>ALBA</b></p> <p><b>\$60 Million</b> <b>\$40 Million</b> Loan/Equity</p>	<p><b>PLASTIC RECYCLING</b></p> <p>THAILAND 2020</p> <p><b>INDORAMA VENTURES</b></p> <p><b>\$150 Million</b> Blue Loan</p>

## PROJECT EXAMPLES



**Elemental**

IFC provided **\$90 million in equity investment** to Elemental, a Poland-based global player in metal and electronic waste recycling. IFC financing supported the expansion of Elemental's recycling and processing of electronic waste, spent automotive catalysts, and lithium-ion batteries. Through its Circularity Plus advisory, IFC also assisted the company in evaluating access to the voluntary carbon market.



**Orizon**

IFC provided a **sustainability-linked loan (SLL) of \$27 million** to Orizon, a leading waste treatment and recovery company in Brazil. This was the first SLL for the waste management sector in emerging markets. IFC financing supported the construction of a large material recovery facility and the expansion of leachate treatment plants to promote recycling and sustainability.

## IFC CIRCULARITY PLUS CONTACTS



**Nuru Lama**  
[nlama@ifc.org](mailto:nlama@ifc.org)  
Global Sector Lead  
Waste & Circularity



**Ayotunde Osunkunle**  
[aosunkunle@ifc.org](mailto:aosunkunle@ifc.org)  
Lead  
Circularity Plus Platform