Asbestos recycling is becoming a reality.
ARI Global Technologies provides a unique thermochemical conversion technology that destroys asbestos fibres and produces a non-hazardous product that can be used in many construction applications.

This exciting patented technology will set a worldwide precedent for managing asbestos waste and offers UK and worldwide sublicensing, investment and feedstock opportunities with significant financial, environmental and operational gains.
This robust and proven technology delivers many benefits over the traditional asbestos disposal route of landfill as well as over other technologies:

- **Commercially viable process**
  With the rising cost of asbestos disposal, this technology provides a commercially viable alternative to landfill.

- **Technologically mature**
  ARI is the most technologically mature and demonstrated technology available worldwide for the treatment of asbestos.

- **Permanent solution**
  Our technology permanently destroys hazardous, life-threatening asbestos material while converting it into a non-toxic recycled product.

- **Reduces volume of waste**
  The thermochemical conversion technology (TCCT) process typically reduces the volume of the waste treated by between 50 and 90 per cent.

- **Generates recycled product**
  The end product from the TCCT process can be recycled in many construction applications.

- **Reduces waste to landfill**
  By producing an end product that can be recycled, the TCCT process diverts asbestos away from landfills and puts it to beneficial use.

- **Decreases cost of asbestos treatment**
  Our unique process is a cost effective solution for asbestos treatment, reducing what was typically an expensive treatment process and making it commercially viable.
The thermochemical treatment unit consists of a modular system including a waste preparation area, primary waste converter, emission control system and a product handling system.

The waste preparation system conditions the waste for introduction into the primary waste converter. In the converter, the waste is subjected to conditions that result in complete destruction of asbestos fibres in a very short period of time.

The emission control system assures that the system complies with all regulatory standards and offers superior protection of the public and the environment.

The volume of waste is typically reduced by 50 to 90 percent depending upon the type of waste processed. The treated product is then discharged from the primary converter and transferred to temporary storage containers pending confirmatory analysis.

We can build static or mobile units of varying capacity. A typical 50 tonne per day unit covers a footprint of 60m by 45m.

OUR TECHNOLOGY
The Windsor Integrated Services Group’s founding company, Windsor Waste Management, currently processes over 15,000 tonnes of asbestos each year and has significant market share in the South of England. With this feedstock, Windsor Integrated Services Group is securing investment to build and operate ARI Global Technologies plants at strategically located sites in the South East.

This patented technology is also available for sublicensing, with territory exclusivity, for the treatment of asbestos waste in the UK and globally. This technology can also handle low level radioactive asbestos waste providing further opportunities worldwide.
This unique thermochemical conversion technology (TCCT) was developed by ARI Technologies Inc. in the US and has been granted a National Operating Permit by the US Environmental Protection Agency (EPA).

Between 2004 and 2009, asbestos waste was successfully treated during a five year commercialisation programme. The technology was successfully used to treat asbestos by the US Department of Defense, Department of Energy and Environmental Protection Agency as well as a number of private organisations. To find out more about these treatment projects, visit www.ariglobaltech.com/projects.

In 2014 the ARI global patents were bought by ARI Global Technologies.
ABOUT OUR GROUP

ARI Global Technologies is part of Windsor Integrated Services Group which offers a range of products and services designed to help businesses manage their resources and waste in a more sustainable and compliant way.

The group also includes:

**Windsor waste management ltd**
A market leader in the asbestos disposal industry and a significant provider of total waste management services for construction and related industries across the UK

**HAZiBAG**
An innovative way to contain and transport solid hazardous waste that overcomes the limitations of drums, IBCs and other traditional containers

**WCRS waste cost reduction services ltd**
Providing national waste management solutions for businesses with multiple sites and waste streams that are looking for increased recycling, lower costs and better solutions

**Waste confidence**
Authenticating businesses zero waste to landfill claims with the UK’s only independently verified zero waste to landfill certification scheme
“This is such an exciting development for the asbestos industry and one that makes me proud of the continual drive to raise standards which is synonymous with being an ACAD member.”

Graham Warren
ACAD Manager, TICA-ACAD

“As the UK’s leading asbestos removal association, ARCA is proud to support ARI Global Technologies. We are very excited to see this more environmentally responsible and cost effective way to treat asbestos become a reality in the UK, stopping waste going to landfill and turning it instead into a harmless product that can be recycled.”

Steve Sadley
Chief Executive, ARCA and Patron of ARI Global Technologies

UNIT 29 CHILDerdITCH INDUSTRIAL ESTATE
CHILDerdITCH HALL DRIVE
LITTLE WARLEY
BRENTWOOD
ESSEX
CM13 3HD

T 01708 55 99 66
E INFO@ARIGLOBALTECH.COM
W WWW.ARIGLOBALTECH.COM