



Moving sustainability forward

Thinking for 2022 and beyond



Getting transparent about sustainability

The threat of climate change means sustainability has become increasingly high priority for all our customers.

Although we don't have all the answers yet, we're committed to honest conversations with our customers and continually developing more sustainable composite processes.

From our manufacturing lines to your end application and beyond, let's move your sustainable project forward.

Sustainability: what are you thinking about?

Maximizing energy efficiency



- ◆ Energy & material efficiencies
- ◆ Extending product lifecycles
- ◆ End-of-life recycling

Reducing environmental impact



- ◆ Composite performance & reliability
- ◆ Reducing maintenance requirement
- ◆ Sustainability research & development

Supply chain transparency



- ◆ Emissions & waste management
- ◆ Regulatory compliance
- ◆ Ongoing supplier audits

Environmental footprint

Our contribution

- ◆ Supply chain & manufacturing
 - Commissioning a solar plant at our Finland-based Joensuu unit
 - Achieving an A+ energy efficiency rating for our new Austrian unit
 - Performing audits on key suppliers
- ◆ Circular economy and waste management
 - Participation in KiMuRa industrial recycling pilot
 - Reducing our landfill waste by 23.2%
 - Increasing reuse of composite waste by 60.6%



Challenges

Recycling isn't optimized

Right now, around a quarter of composite waste is incinerated for energy and the remainder goes to landfill. Different locations and restrictions also affect the extent to which we can recycle.

Way forward: pushing for new methods

Exel is a dedicated participant in recyclability initiatives, including Finland's KiMuRa project, which aims to find a technically and economically viable process for using crushed composite product in cement co-processing.



But what about your future?

How we're helping customers advance sustainability.



- ◆ Increasing transparency for customers by adding a CO₂ calculator to our costing process
- ◆ More social responsibility with specific community involvement, in line with the ISO 26000 standard.
- ◆ Advancing waste management - reducing landfill wastage and ensuring 100% recycling of all recyclable waste
- ◆ Continued sustainability innovation with ongoing research into alternative raw materials including bio-based resins and fibers



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