



Simon Greer

15 years development of CRT glass recycling furnace

First full scale recycling furnace operating in the UK

Technology available to recyclers around the world



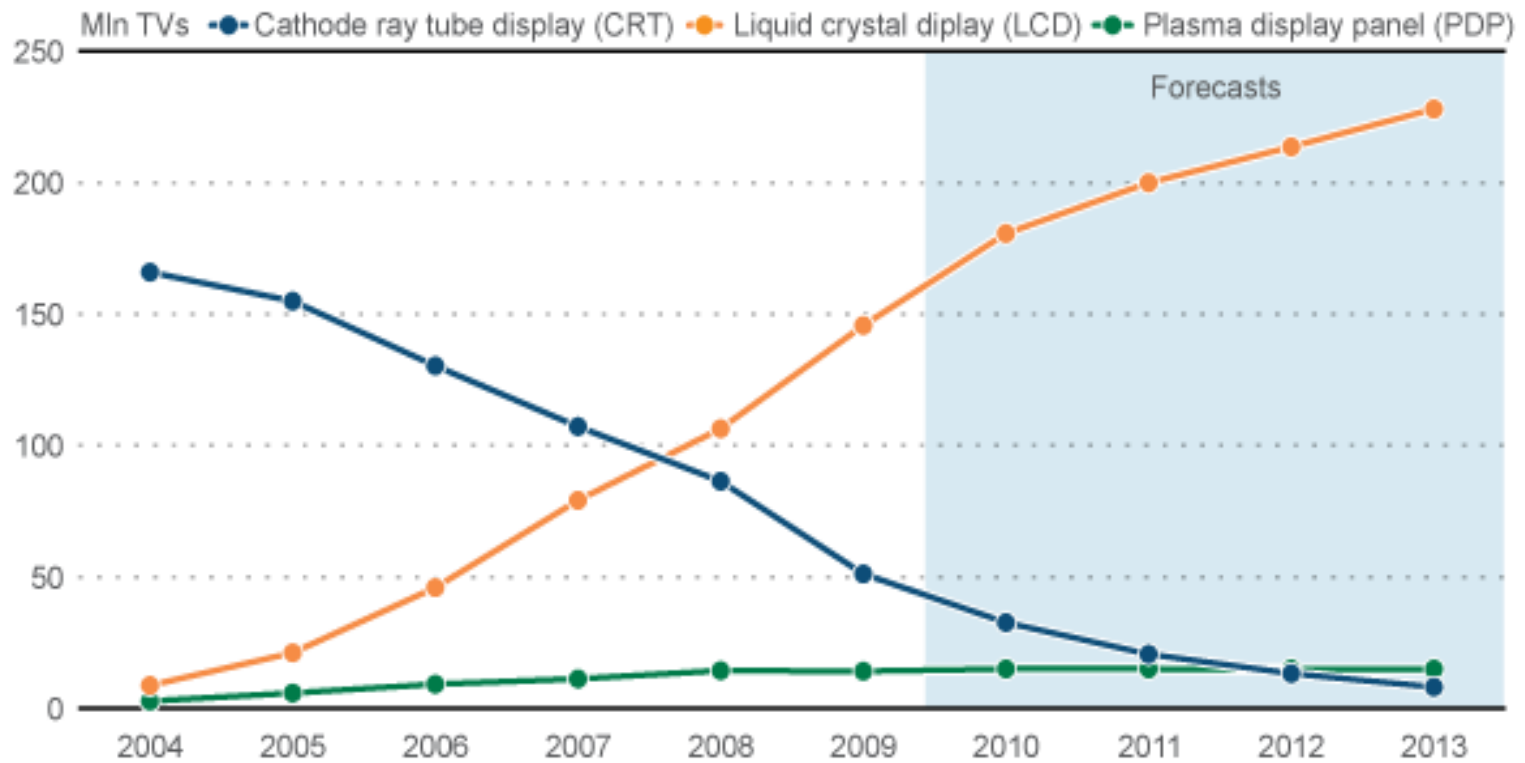
My view of the market to manage waste CRT glass

- “Glass to glass” – to be made into new CRTs
- Smelting – lead is removed from the glass for reuse
- Hazardous Landfill – all material lost
- Nulife Glass – recovering lead and clean glass

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 - Perfect closed loop recycling**
 - Not sustainable and the carbon impact of haulage is huge**
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Global TV market technology



19/04/10

Source: Display Search



Reuters graphic/Claire Morel



Corning Incorporated Q4 2009 Earnings Call Transcript

James Flaws,
Vice Chairman, and Chief Financial Officer

“The CRT industry is collapsing. I think China is the first stage of that and you’re going to see it collapse elsewhere “

“.....Just as an example we talked about before through our Samsung Corning, we’re still making a small amount of CRT glass and as soon as the tanks hit the end of their life, in some cases sooner, we shut them down because its not economic. “

“.....I think consumers in China have also voted with their feet, helped by the tax subsidy which continues that they prefer LCDs. I believe we’ve got up to 68% of all televisions sold in the current year in China were LCD so we think CRT’s gone away and it will go away in other emerging developing economies soon.”

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- Nulife Glass – recovering lead and clean glass
 - Open loop recycling recovering 100% of lead and glass into high value products**
 - One site in UK but technology now available to be installed around the world**
 - Local and sustainable**

Progress 2002 - 2007 - 2010



Nulife Glass process

- Local solution, no waste, no emissions and creates two valuable products
- Lead



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- Lead and Glass



Unique furnace technology

- Melt 10 tons of leaded glass per day = 60t of TVs (132,000 lbs)
- No waste, no hazardous emissions
- Produces pure lead (London Metal Exchange price \$2200/t)
- Produces clean glass
- Electrically heated furnace so potential to use renewable electricity



SUMMARY

- All our UK recycled glass is sold for next 5 years to Tarmac
- All our UK lead is sold on an LME deal
- Process is approved by largest EU collectors of CRT waste
- Process and output products approved by all UK regulators
- The furnace technology is now ready to share with other processors