Investor Fact Sheet

Q4 2013
February 19, 2014

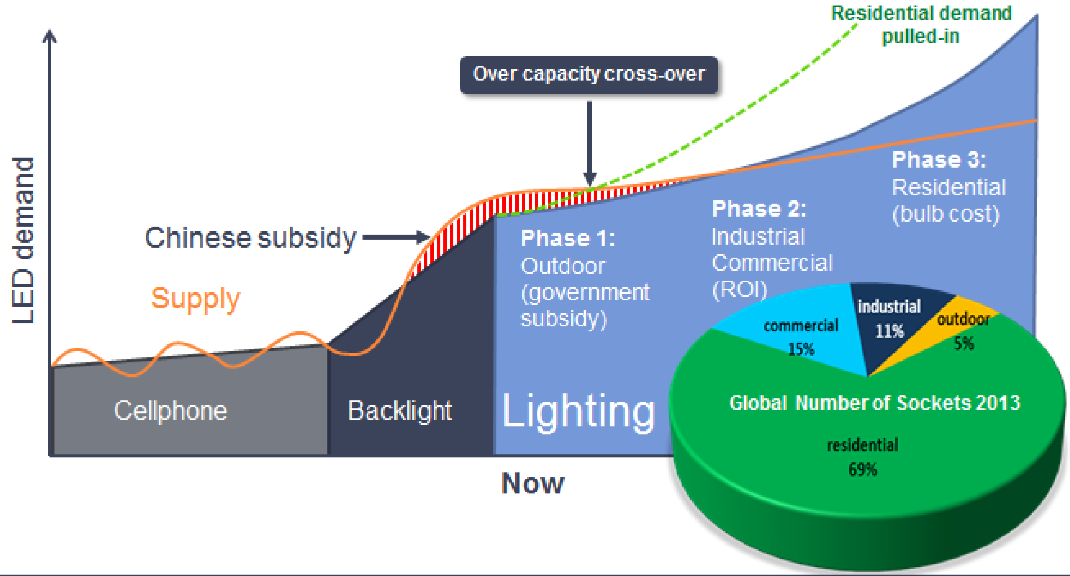
Veeco's Top Priorities

- **Develop and launch game changing new products for LED lighting and flexible OLED**
- **Execute manufacturing cost reduction initiatives and lower expenses wherever possible**
- **Drive process improvement initiatives**
- **Improve product differentiation, customer value and pricing to stem margin erosion**

2014: Transition to MOCVD Growth

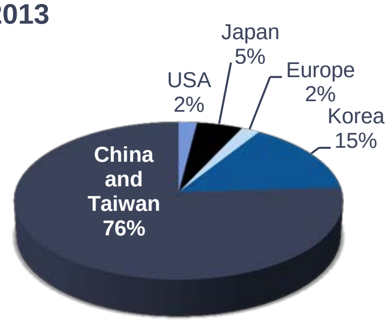
Too early to call a turn in MOCVD business, but there are positive signs:

- Tier 1 LED customers maxing out yield improvements; reporting healthier financials
- Some industry consolidation occurring
- Market transition from subsidy-driven to demand-driven



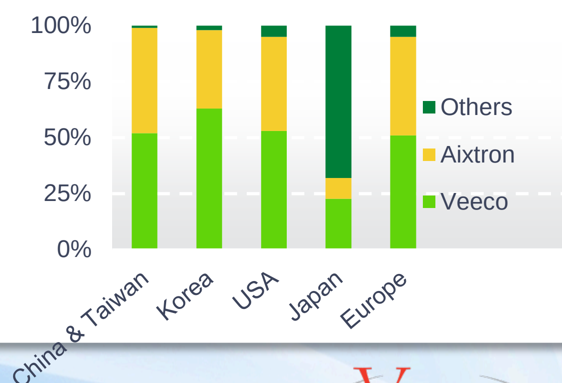
Veeco: Top Choice of LED Industry Leaders

Total MOCVD Industry Shipments 2010-2013



- Veeco market share reached >60% in 2013
- #1 supplier to majority of LED makers with the biggest installed base
- #1 supplier to majority of LED technology leaders

Shipment Market Share 2010-2013



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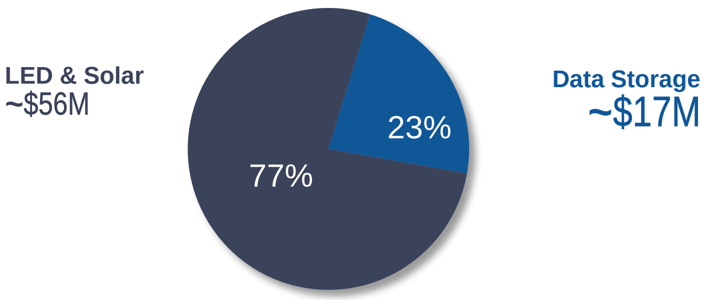
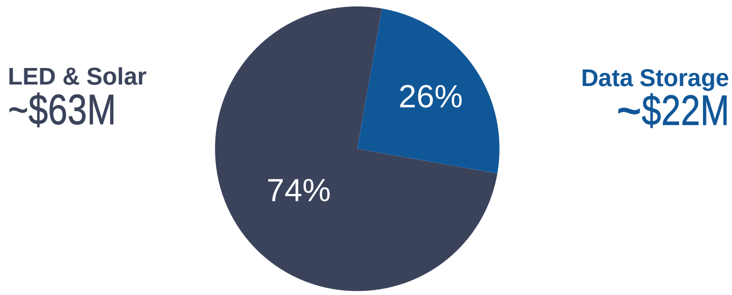
Q4 2013 Financial Highlights

Revenue down 26% sequentially to $73M	*As expected, low shipment levels in MOCVD and Data Storage*
Bookings down 7% sequentially to $85M	• *MOCVD $52M; down 22% sequentially* • *MBE $11M; up 56% sequentially* • *Data Storage up 20% sequentially*
Cash and Short Term Investments $495M	*Continued strong balance sheet and cash preservation*

Q4 2013 Revenue Highlights - $73M



Q4 2013 Bookings Highlights - $85M

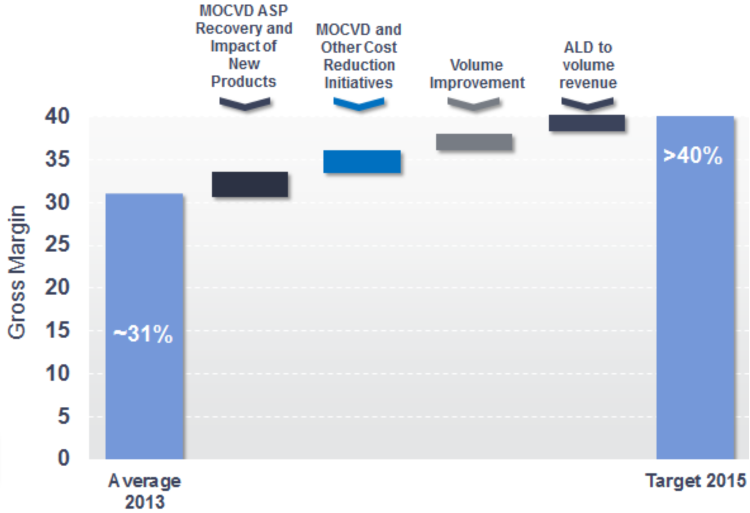


Q1 2014 Guidance

	Q1 2014
Orders	Likely to increase
Revenue	$85-95 million
Gross Margins	33-35%
OPEX (includes equity comp & excludes amortization)	$42-43 million

Revenue and GM to improve; OPEX to trend back down

Gross Margin Recovery Plan



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To the extent that this news release discusses expectations or otherwise makes statements about the future, such statements are forward-looking and are subject to a number of risks and uncertainties that could cause actual results to differ materially from the statements made. These factors include the risks discussed in the Business Description and Management's Discussion and Analysis sections of Veeco's Annual Report on Form 10-K for the year ended December 31, 2012 and in our subsequent quarterly reports on Form 10-Q, current reports on Form 8-K and press releases. Veeco does not undertake any obligation to update any forward-looking statements to reflect future events or circumstances after the date of such statements. In addition, this presentation includes non-GAAP financial measures. For GAAP reconciliation, please refer to the reconciliation section in this presentation as well as Veeco's financial press releases and 10-K and 10-Q filings available on www.veeco.com. Note: All results presented herein are for Veeco's "Continuing Operations" which excludes the Metrology business sold to Bruker Corporation on October 7, 2010 and Veeco's Discontinued CIGS Solar Systems Business, effective September 27, 2011.

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