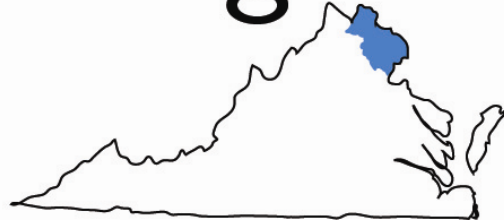




Northern Virginia

Section 0511



January 2011 Meeting

Ernesto Roccatagliata

Quality and Workforce Development Manager

Micron Technology, Inc.

Welcome/Agenda

- 5:30pm - 6:30pm Monthly Board Meeting
- 6:30pm - 7:00pm Registration & Networking
- 7:00pm - 8:00pm Dinner
- 8:00pm - 9:00pm Section Business & Presentation

Ernesto Roccatagliata

Ernesto Roccatagliata is the Quality and Workforce Development Manager of Micron's premier 300mm semiconductor manufacturing facility, Micron Technology Virginia.

Prior to this appointment, Ernesto served as the Fab Operations Manager and Process Engineering Manager of the site, with responsibility for managing the Virginia manufacturing operations to full production of 300mm DRAM and NAND Flash memory products.

Ernesto joined Micron in 1993 as an engineer in the Dry Etch dept, and holds a MS in Electrical Engineering from the University of Naples, Italy, and a MBA from Profingest Management School in Bologna, Italy.

2011 Semiconductor Market Forecast

Worldwide Semiconductor Market
\$307B



Source: Micron Data, Gartner. Data as of CQ2, 2010

Micron at a Glance

Micron is one of the world's leading providers of advanced semiconductor solutions



Founded: October 1978, Boise, ID

FY2010 Net Sales: \$8.5 billion

NASDAQ Symbol: MU

Employees: ~22,000 worldwide

Products: We offer one of the world's broadest memory portfolios, including: DRAM components and modules, SSDs, NAND, NOR, and PCM, as well as other innovative memory technologies, packaging solutions and semiconductor systems

Markets We Serve: Micron's products are designed to meet the diverse needs of computing, networking, server, consumer, mobile, automotive, and industrial applications.

Patents: 17,230

Micron Partnerships Worldwide



Global Scale



Idaho



Utah



Virginia



Puerto Rico



Italy



Singapore



Japan



California



Israel



Italy



Singapore



Taiwan



China



Malaysia

Our Purpose

The Micron Mission

To be the most **innovative**
and **cost-efficient** provider
of memory-based solutions.

How We Work

we

Lead through **teamwork, trust,**
and **accountability.**

Embrace business volatility.

Make decisions through **data,**
metrics and **processes.**

Focus on **customer needs.**

Innovate for market demands.

Relentlessly focus on **efficiency.**

Micron's ranking in the semiconductor industry

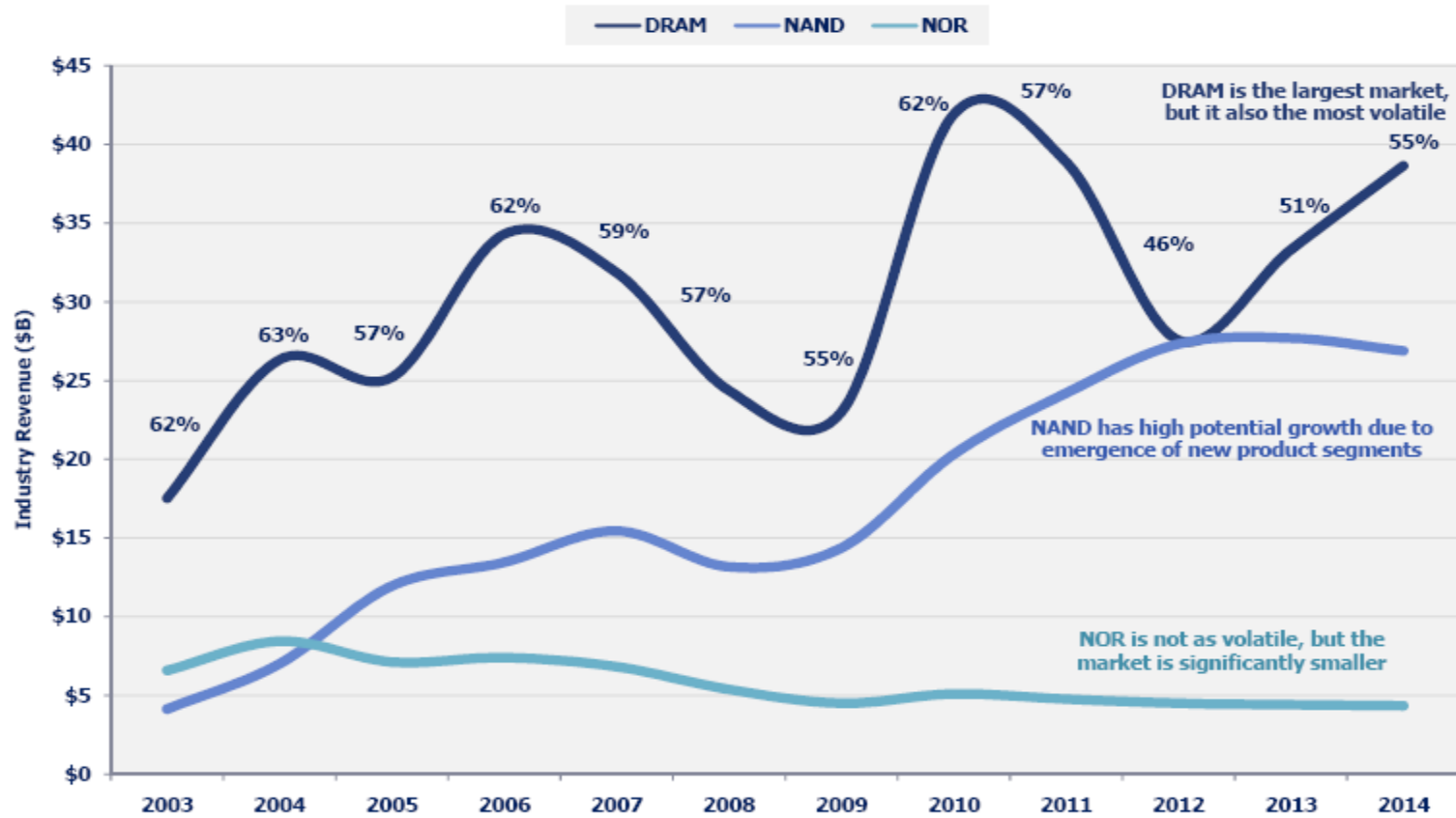
Preliminary 2010 semiconductor vendor ranking by estimated revenue (in millions of dollars)

Rank 2009	Rank 2010	Company	2009 Revenue	2010 Revenue	2009-2010 Growth (%)	2010 Market Share (%)
1	1	Intel	33,253	41,430	24.6	13.8
2	2	Samsung Electronics	17,686	28,256	59.8	9.4
3	3	Toshiba	9,604	12,376	28.9	4.1
4	4	Texas Instruments	9,142	12,356	35.2	4.1
11	5	Renesas Electronics*	4,542	10,368	128.3	3.5
7	6	Hynix Semiconductor	6,035	10,350	71.5	3.4
5	7	STMicroelectronics	8,510	10,290	20.9	3.4
13	8	Micron Technology **	4,170	8,884	113.0	3.0
6	9	Qualcomm	6,409	7,167	11.8	2.4
10	10	Infineon	4,682	6,680	42.7	2.2
		Others	124,338	152,156	22.4	50.7
		Total	228,371	300,313	31.5	100.0

Source: Gartner (December 2010)

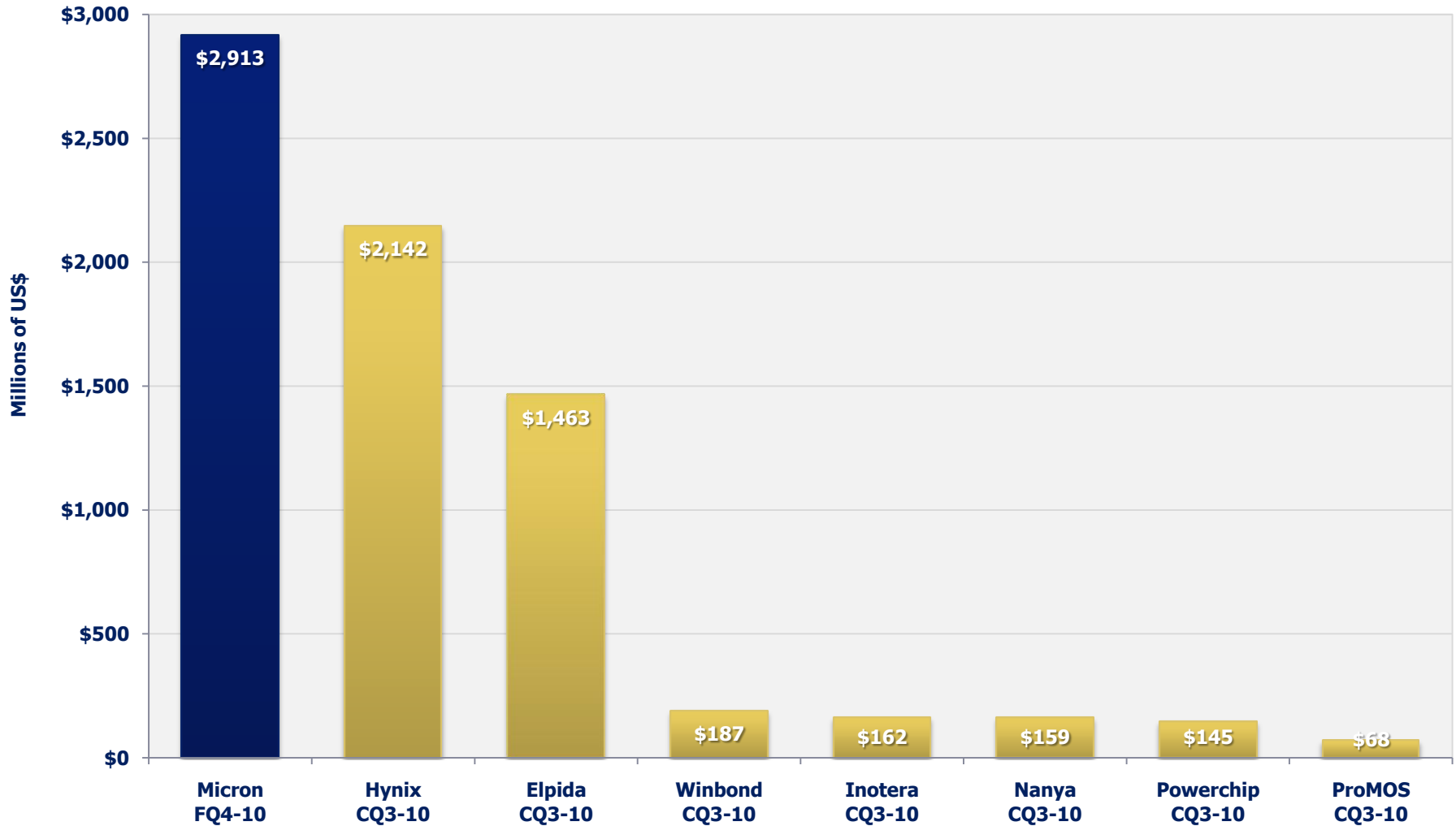
Benefits of Diversification

Diversifying Memory Portfolio Reduces Overall Volatility



Source: Gartner 3Q10; Percentage labels are DRAM as % of total DRAM+NAND+NOR

Strong Cash Position



Source: Company Data, Finance Strategy Group

Technical Leadership: Patent Strength

Top 10 Innovators in Semiconductors Patent Scorecard™ | Semiconductor rankings based on data from March 1, 2010

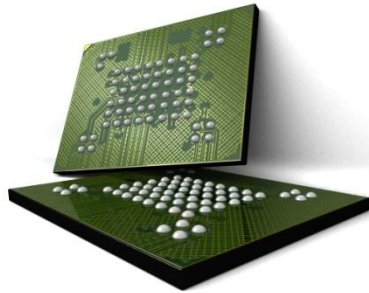
Rank	Company	2010 Technology Strength
1	Intel Corp	2076
2	SanDisk Corp.	1662
3	Micron Technology	1581
4	Samsung Group	1530
5	IBM	1384
6	Broadcom Corp A	1154
7	Semiconductor Energy Lab Co. Ltd	975
8	Texas Instruments	724
9	Toshiba Corp.	702
10	Tabula Inc.	691

Source: The Patent Board™ Semiconductor Patent Scorecard™ 2010

World's Most Advanced Semiconductor Process



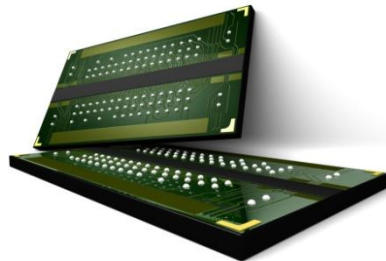
"The technical and manufacturing prowess of IMFT has been proven once again by the introduction of their 25nm 8GB 2-bit/cell MLC Flash. While most pundits have speculated that NAND has hit the wall, IMFT has continued to be successful with their aggressive path of NAND scaling."- UBM TechInsights, July 2010



Most Innovative Process Technology

Micron and Intel's 8GB, 25nm NAND

- According to UBM TechInsights, this process technology is the **most advanced**, in terms of feature size, that they have analyzed to date



Most Innovative DRAM Technology

Micron and Nanya's 2Gb, 42nm DDR3 DRAM

- This process technology uses the more efficient and reliable copper metallization technology, allowing Micron and Nanya to stay on the **leading-edge** of process scaling.

Microdisplay Product Family Features

Portfolio of products from QVGA to SVGA

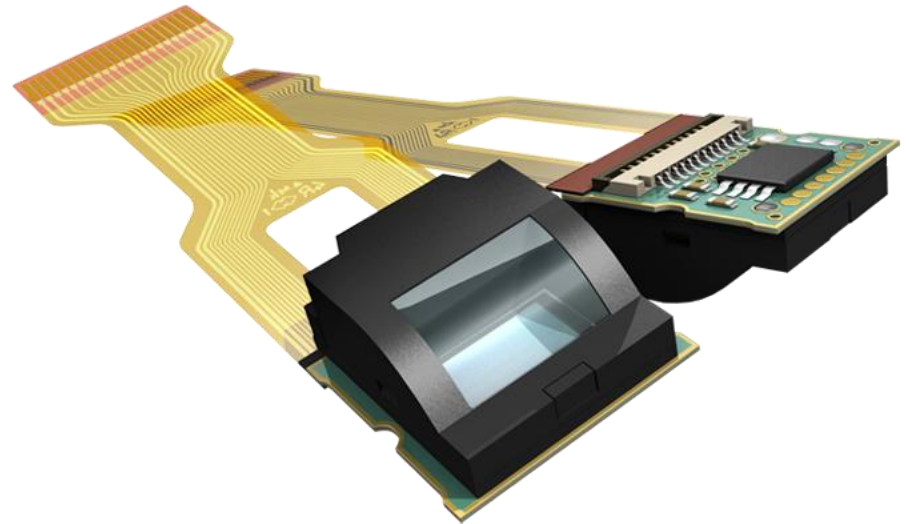
Full 24-bit color images at 60 frames per second

Single-chip solution integrates:

- ▶ Display panel
- ▶ Image processor
- ▶ Memory
- ▶ LED drivers

Draws less than 100mW

Broad operating temperature range
(-10C to +70C)



Digital Media Group Products

Cards for Photography



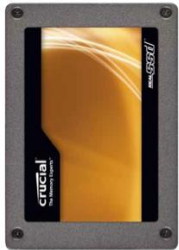
Mobile Cards



Gaming Cards



Solid State Drives



USB Flash Drives



DRAM Modules



Channels & Customers

Retail	
OEM	
Channel Distribution	
Partner Alliances	
E-Commerce	

MTV Quality and Workforce Development

Statement of Purpose

Drive the company's strategic objectives and competitive position by enabling the individual, team, and organization at MTV to continuously improve machines, methods, materials, and measurements, in order to deliver high quality memory products that provide customer value through the most efficient use of resources.

Quality and Workforce Development Organization

Workforce Development

Training

Documentation

Process Control Systems

Change Control

FDC

SPC

R2R

Metrology

Scrap/Excursions

Product Quality Assurance

QRA

DRAM PYA

NAND PYA

Chemistry Lab

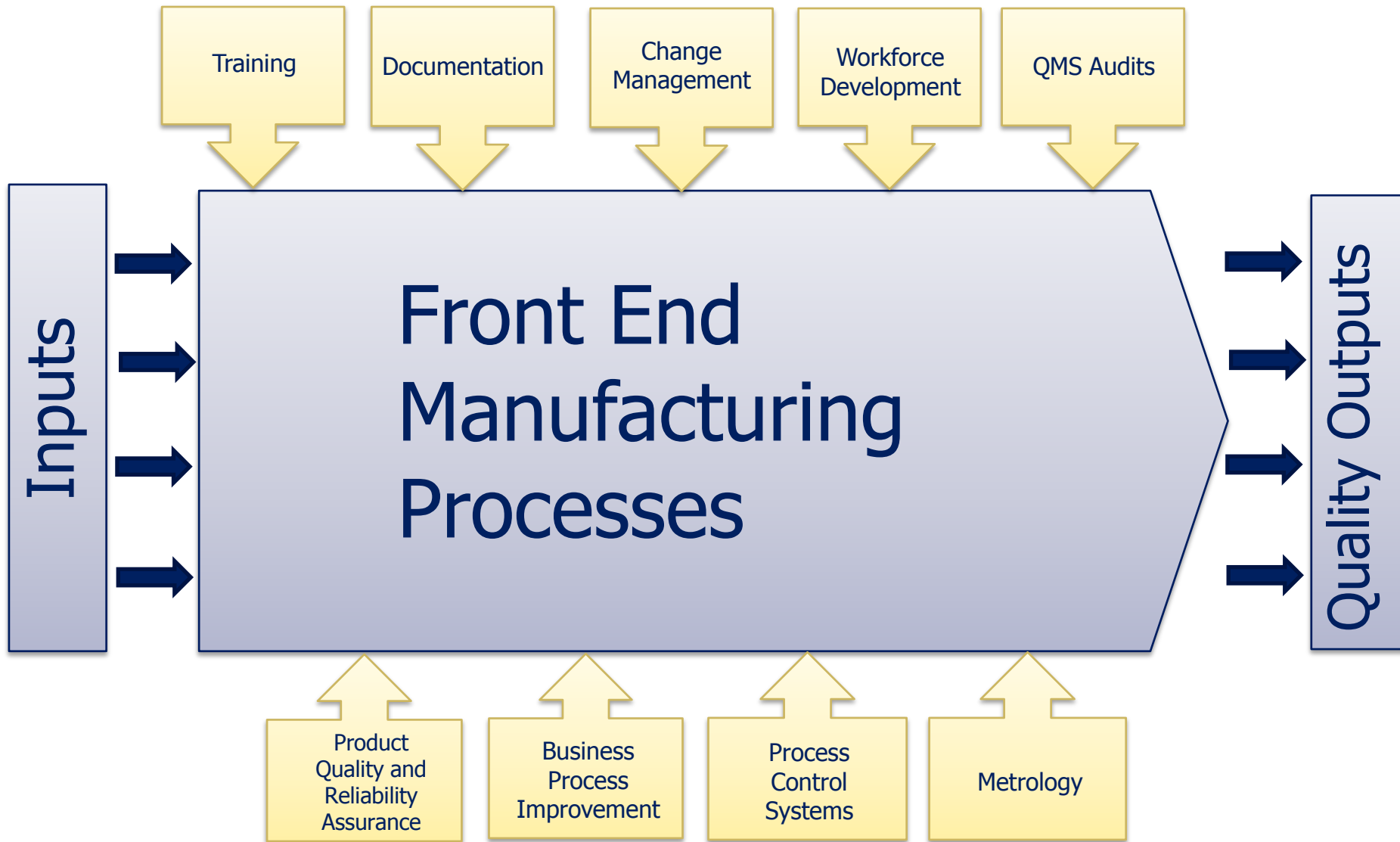
Quality Management Systems

BPI

Audits / ISO Compliance

Program Management

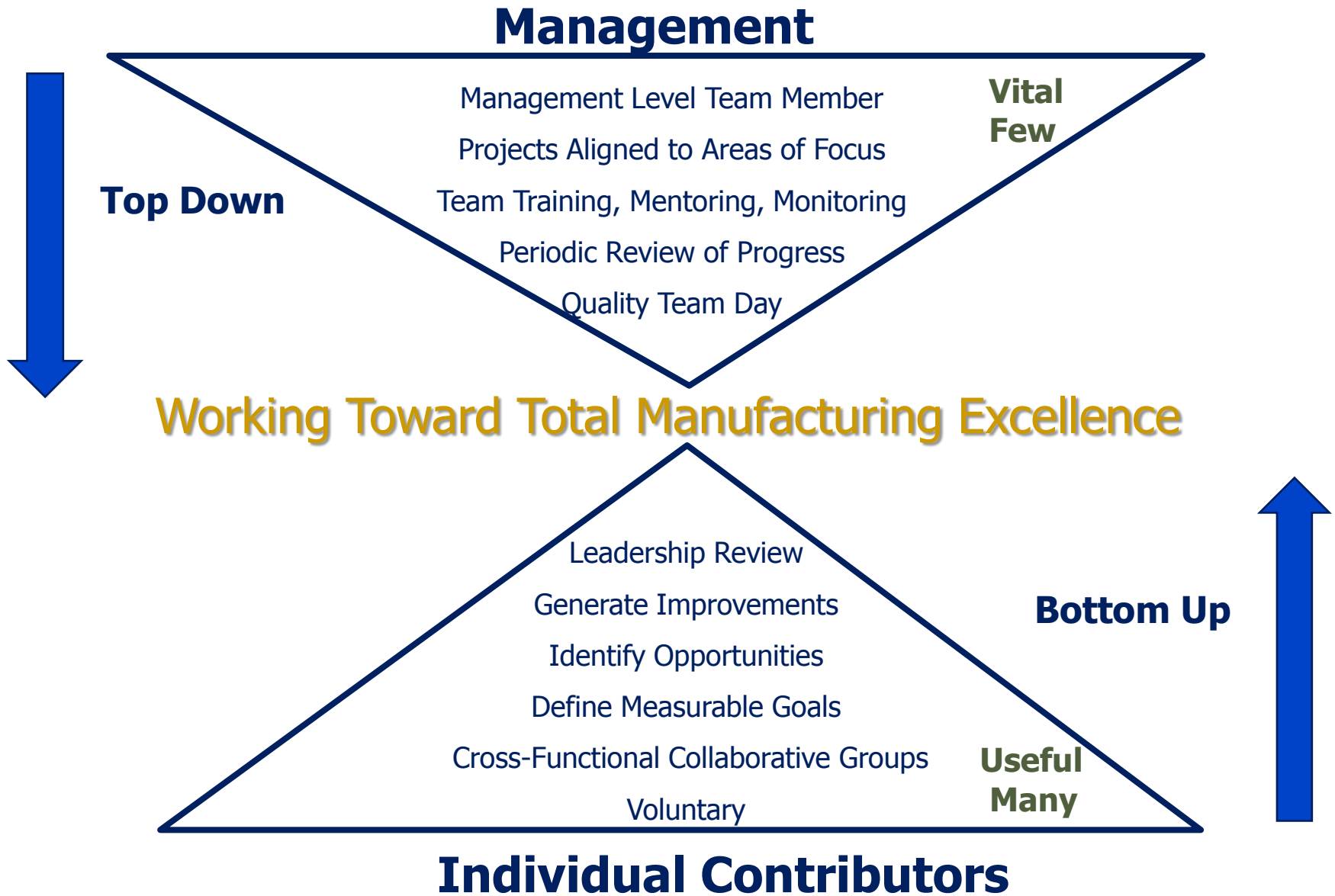
Critical Functions of the MTV QWD Team



MTV QWD Areas of Focus

- MTV Focus on Quality
 - ▶ Education:
 - SixSigma BlackBelt training and certification (MTV currently has site membership)
 - GMU e-Manufacturing certificate
 - ▶ Awareness and Culture:
 - Case for Quality workshop (2011 focus)
 - ▶ Team Involvement
 - QT's (Quality Teams) and QT Days: 20 ongoing as of Dec10

Building a Quality Culture thru People Involvement



Walking/Window Tour



CSSBB Tour Guides

- Kevin Hicks – Fab Support
- Jason Pisco – Manufacturing (Wet Process)
- Neha Singh – Yield Analysis
- David Tuohey – Analytical Chemistry Lab

