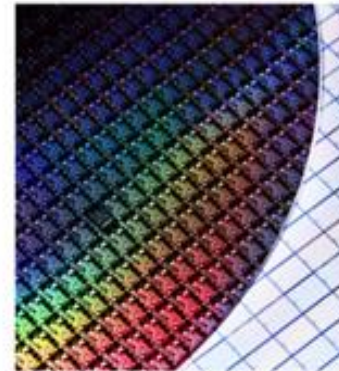


QUALITY CENTER OF EXCELLENCE 2017 PROGRAM UPDATE



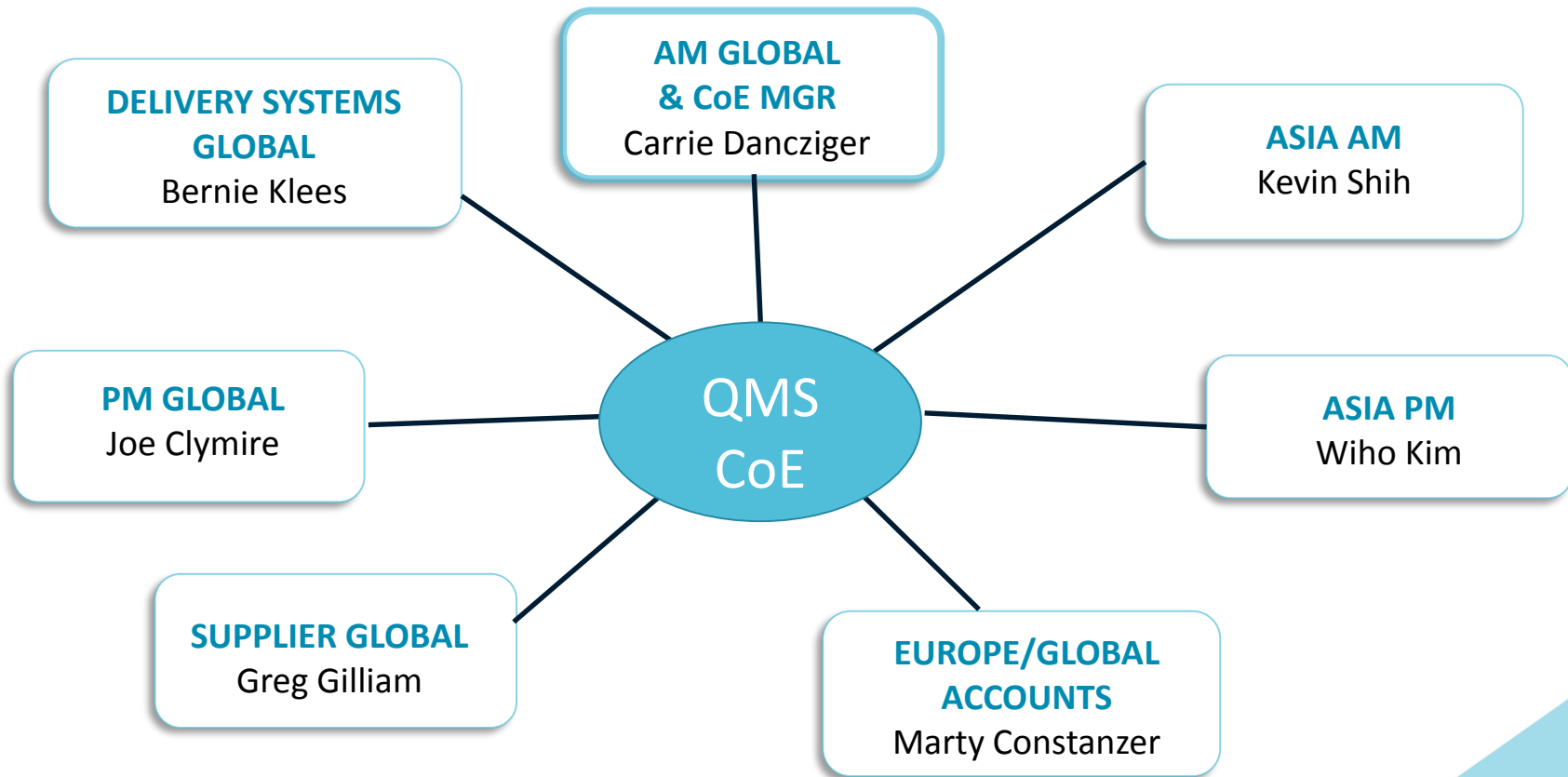
VERSUM QUALITY MANAGEMENT SYSTEMS CENTER OF EXCELLENCE (QMS CoE)

THE QMS CoE PROVIDES GUIDELINES FOR MANAGING QUALITY FOR THE BUSINESS TO PRIORITIZE CUSTOMER FOCUS AND ENABLE QUALITY TO MEET AND EXCEED THE EXPECTATIONS OF OUR CUSTOMERS AND DELIVER ON OUR FINANCIAL OBJECTIVES.

We do this by...

- Identifying strengths and improvement opportunities globally, across all businesses and functions
- Driving commonality and best practices across the 3 SBUs of Advanced Materials, Process Materials and Delivery Systems
- Raising awareness of the Versum **Quality Policy** and providing organizational QMS training
- Engaging businesses and functions to advance and prioritize Quality

VERSUM'S QUALITY CoE GLOBAL & CROSS-FUNCTIONAL TEAM



FOCUS FOR QMS CoE 2017

ACTIVITIES/PROGRAMS TO FACILITATE REALIZATION OF OUR VISION OF SUCCESS AND ACHIEVEMENT FOR THE 2017 GOALS

- Execute on a quality program that supports the 3 SBUs business strategies and provide quality support that aligns with each SBU's quality needs in order to be a differentiator, leader and enabler in the industry
- Drive best practices and commonalities across the SBUs in both quality assurance and quality control
- Focus on customer satisfaction and customer transparency to minimize impact to internal changes
- Improve management accountability and employee responsibility for quality to enhance customer focus and value
- Engage businesses and functions to advance and prioritize Quality in the SBUs
- Report performance by SBU to align and adjust KPIs
- Provide employee training and awareness of QMS
- Enable quality systems data to be systematically collected and analyzed to drive improvements across the SBUs

FOCUS FOR QMS CoE 2017 CONT.

- Execute supplier quality proactive initiatives
- Maximize value from the internal quality audit process
- Define, lead or support specific quality improvement projects by leveraging available CI tools
- Develop and provide educational materials on Quality Principles
- Communicate with employees to share what we are doing and to gather feedback and ideas

SO THAT:

- Customers are satisfied with our performance
- Quality is a competitive advantage
- Effective supplier management is enabled
- Employees can effectively use the system
- Investors are satisfied with the business value generated
- Financial objectives are met and are directly linked to all these quality activities



MAJOR QUALITY FUNCTIONS

MANAGEMENT SYSTEMS	DATA MANAGEMENT	CONTINUOUS IMPROVEMENT	MANAGEMENT OF CHANGE	CUSTOMER SERVICE	SUPPLIER QUALITY
<ul style="list-style-type: none"> • ISO 9001: 2015 Registration (DNV Registrar) • EICC Compliance • Document Control System • Global Procedure Convergence • Corporate Quality Objectives • Quality Management Review • Internal Audit • Operations Non-Conformances • Third Party Audit • BQP/QPT/Line Inspections 	<ul style="list-style-type: none"> • Quality KPIs • SPC/SQC/Cpk/ OOC Reporting • Control Limit Calculation • OOC Management/ DRB Process • Root Cause Analysis • eCoA/CoA process and characteristics • SAP QM, LIMS, Master Data • Specification Review • Measurement System Analysis 	<ul style="list-style-type: none"> • Product Quality Improvement • Quality System Improvement • Improve Business Processes • Lead or Support Projects • FMEA/Control Plans • Variation Reduction • Pulse Employee Surveys • Quality Stand Downs 	<ul style="list-style-type: none"> • e-MOC Administration • MOC Performance Report • Change Management Board 	<ul style="list-style-type: none"> • Customer Non Conformances • Quality Steering Committee • Customer Requirement/Business Commitment Board • Customer Satisfaction/ Report Cards • Customer Review Meetings • Customer Surveys • PCN Support • Cost of Quality • eCofA/Data Bundles 	<ul style="list-style-type: none"> • Supplier Assessment • Supplier Qualification • Approved Supplier list • Supplier Report Cards • Supplier Non-Conformance • Supplier SPC/SQC • Supplier Quality Committee

THE 5 P's OF VERSUM QUALITY

- **P**assion – Our passion is to be the **BEST** in Quality!
- **P**recision – We must ensure we meet and **exceed** the incredibly precise demands of the customer.
- **P**urpose - Every location has the same purpose to drive to **zero issues**! Quality must enhance the business and set us ahead of our competitors.
- **P**artnership – We need to partner with our customers, understand their needs and requirements to gain their **trust** and earn their **respect**.
- **P**erformance – We need to perform every task with an urgent concern for quality if we want to be the best-in-class materials supplier with best-in-class quality.
We are all **accountable**.

BUSINESS QUALITY MESSAGE

- Our approach to **Quality** is customer focused
- Every employee is responsible to do their part to manage **Quality** in their job
- We make **Quality** a priority across all regions and businesses
- We provide **Quality** support that directly aligns with the successful implementation of our business financial objectives
- We use **Quality** as a proactive competitive advantage
- We demonstrate that **Quality**, cost and speed are complementary not competing

THE VERSUM QUALITY CENTER OF EXCELLENCE MANAGERS

