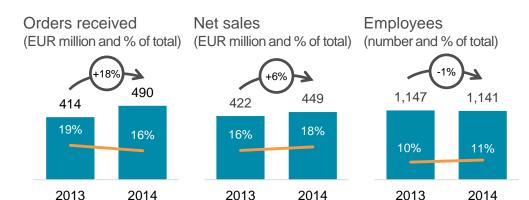
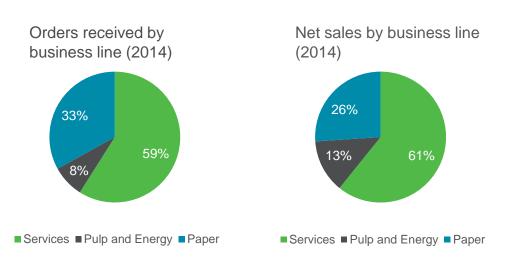


Business areas



# North America









### North America

Mature services focused market with recurring opportunities in paper, tissue and biotechnology



#### Market environment

- · Large installed base to be served
  - Opportunities in customer agreement based business
- Growth opportunities in increased outsourcing
- Capital project opportunities in tissue and board
  - Technology project activity at high level currently
  - Bio project activity strongest in Lignoboost and second generation lignoboost

#### Market position & competition

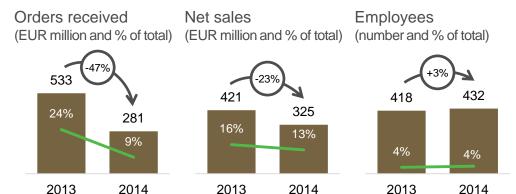
- Strong position and market share in Valmet's targeted technology businesses.
- Well established services business
- Key competitors Voith, Andritz and US services companies (Albany, Xerium, Kadant, GLV, Asten J.)

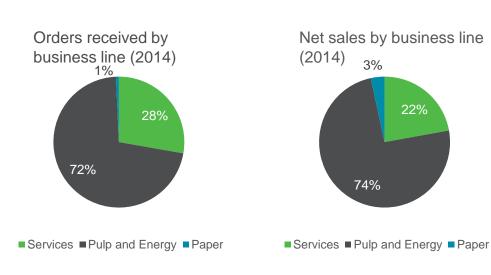
### **Actions for Valmet**

- Continue to develop and grow Valmet's Services business
- Make sure Valmet wins paper and tissue projects
- Strengthen Valmet's position in pulp rebuilds
- Commercialize biotechnology (lignoboost, pre-treatment and biocoal)



# South America









### South America

Cyclical capital business relies on new pulp projects. Services, power and tissue provide growth opportunities

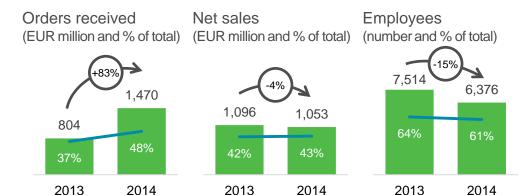


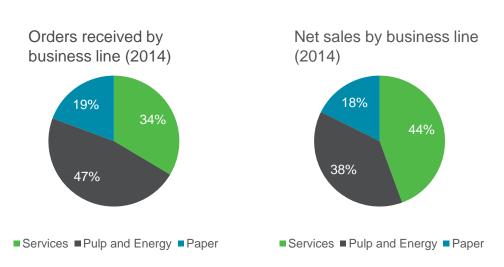
- Capital project opportunities in pulp, tissue and bioenergy
  - Continued pulp mega mill projects planned
  - 2nd generation ethanol emerging
- Good services growth potential
  - Installed base and leaner customer operations
- Growing interest and pipeline for optimization projects, e.g. energy, chemicals savings; operations and availability of equipment).

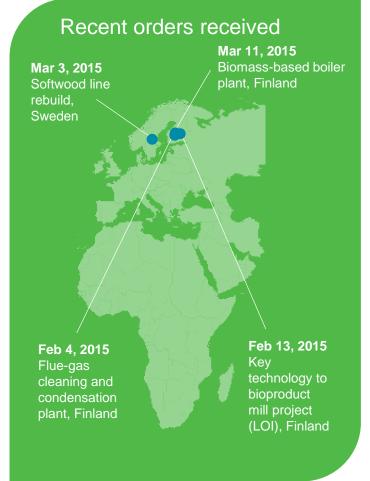
- Fierce competition in new pulp projects
- Strong competition with local and global players in all markets in Services, Paper and Energy
  - Local presence and solutions important
- Keep market share and improve the profitability and risk-return profile of large pulp projects
- Grow the services business by offering new products and service solutions
- Develop solutions and costs to compete in bioenergy plants.
- Further develop Valmet's local capabilities



# **EMEA**









### **EMEA**

Valmet's largest and most important area with significant services and technology markets in all Valmet's businesses



#### Market environment

- Large installed base to be serviced
  - Growth opportunity in customer agreement based business
- Growth process improvements and service agreements
- Capacity closures in printing and writing
- Capital project opportunities in board, pulp, tissue, and bioenergy
  - Energy market with strong rebound and high market activity.

### Market position

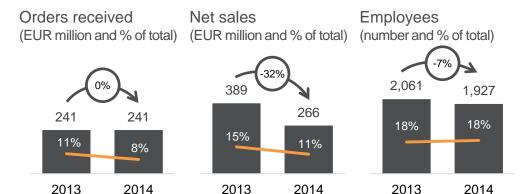
- Valmet has a strong position both in technology business and services
- Consolidation of smaller distressed players and increasing competition in mid-market
- Increased competition in past few years

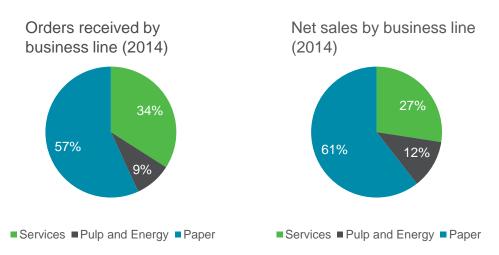
### **Actions for Valmet**

- Grow Services with Key Account Management agreement based business and new products.
  Strengthen pulp and power services
- Strengthen position in technology business: cost competitiveness and rebuild competences
- Commercialize new biotechnologies and expanding the served power market
- Localize selected capabilities outside Nordics



# China









# China

Paper market flat and Services growing, local low cost competition present



- Capital project opportunities in board and tissue
  - Investments in lower cost small and mid-sized machines.
- Good services market with growth potential
  - Increased capacity

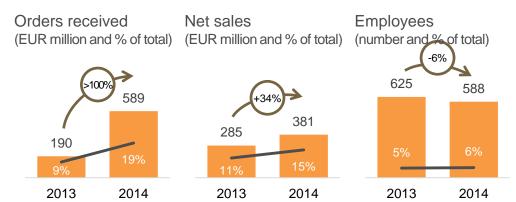
- Valmet has a strong position in Paper. Recent successes with modular board machine (OptiConcept M)
- Continued competition: new competitors in mid-size segment, local competitors strengthening through partnering with western companies
- Large Valmet installed base

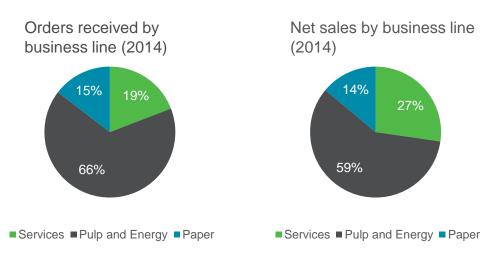
### Actions for valinet

- Continue to develop and grow Services: local low cost sourcing of consumables, agreement business and spear head products
- Further market penetration of OptiConcept M, tissue and midmarket fiberline
- Competitive, lower cost, local offering and increased local capabilities (application, engineering and project management)



# Asia-Pacific









### Asia-Pacific

### A key growth area for Valmet



#### Market environment

- Capital project opportunities in pulp, tissue, and board
  - Increased investments in multi-fuel and renewable energy development plans in Asia-Pacific countries
  - Opportunities related to customer's portfolio changes or production line upgrades
- Good services market with growth potential
  - Due to capacity increases and installed base

### Market position

- Valmet has a strong market position but relatively modest local presence.
- Competitors are growing their local presence

#### **Actions for Valmet**

- Localize Services business to be more cost competitive and closer to customers: local offering and agreement business, local capabilities and new service centers
- · New services center in Indonesia
- Develop technology business with local competences and improved cost competitiveness.

**Board and paper:** rebuilds, components and split machines,

**Tissue:** develop competitive setup in Asia-Pacific

**Energy:** current focus on coal but potential also in bioenergy.

Increase local capabilities to support both services and capital business



