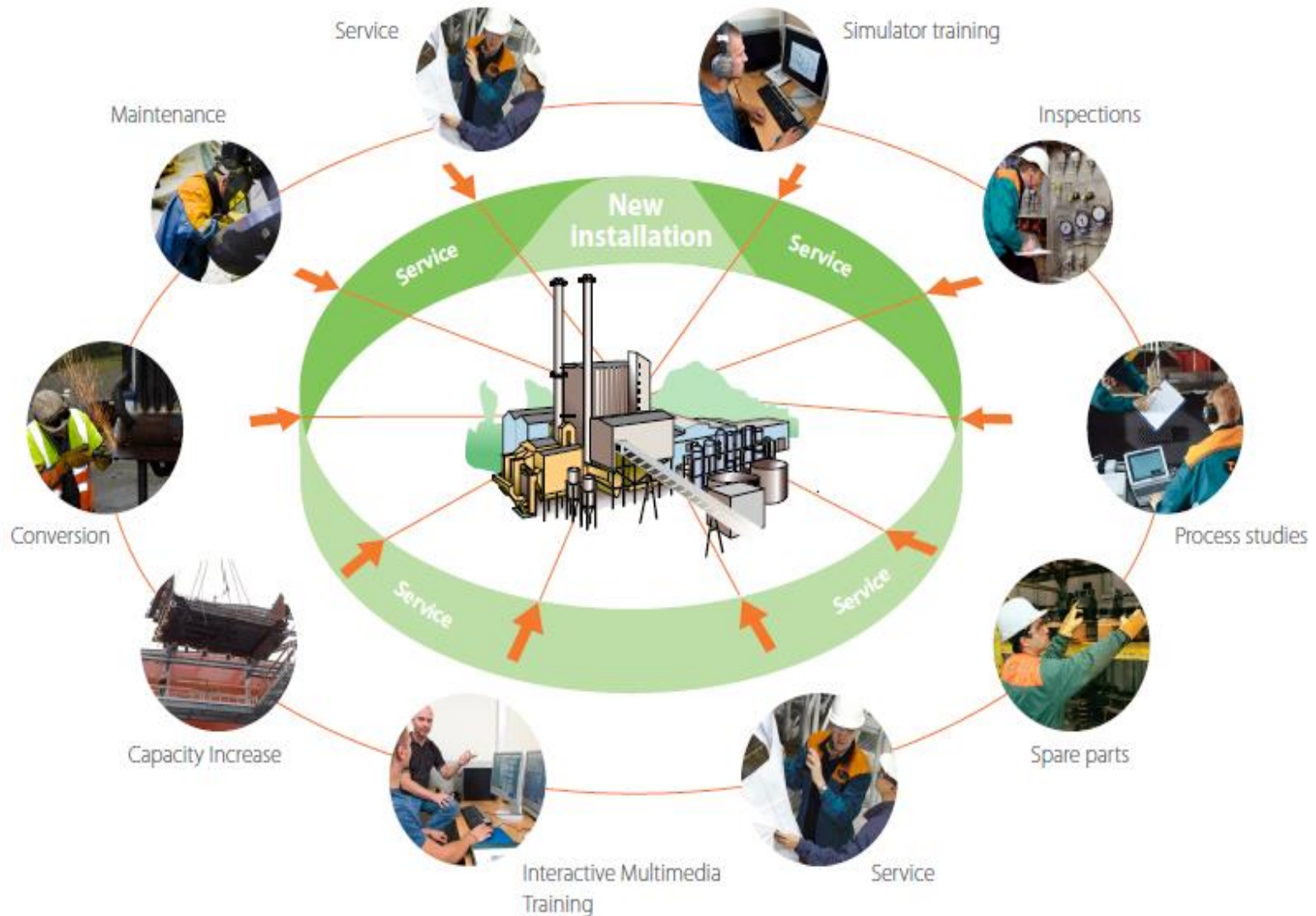




VALMET
Energy and Environmental (ENE)
Performance Services

North America

Lifetime Support



Field Services

- Inspections
 - Recovery Boilers
 - Power Boilers (Stoker, BFB, CFB)
 - Evaporators
 - Auxiliary equipment
 - Detailed reports
- Outage Planning
- Outage Execution
 - NDE services
 - Metallurgical Analysis/Consulting
 - Chemical Cleaning
 - Smelt removal
- Fuel and Ash Analysis/Testing
- System Audits (NFPA/BLRBAC)
- Troubleshooting/RCA

- Tuning and Optimization
 - Boiler re-start assistance
 - Operational consulting
 - IB MACT/Utility MATS Tuning
 - Online Boiler Gas Analysis Tuning
- Long Term Service Agreements (LTSA)
- Remote Monitoring and Reporting
- Spare parts inventory
- Asset management
- 24/7/365 Service
 - (888) 574-0055

Maintenance & Engineering Services

• Maintenance Services

- Boiler hanger rod inspection and maintenance
- Port Rodder maintenance
- Liquor Station maintenance
- Smelt spout maintenance
- Rebuild and Upgrades
- Outage service
- Manufacturing solutions
- Qualified Welder Services

• Engineering Studies/Services

- CFD
- RBD (Recovery Boiler Design)
- PBD (Power Boiler Design)
- FEA
- Debottlenecking
- Capacity upgrades
- Feasibility studies
 - Gas conversions
 - Boiler upgrade/rebuild/conversion
 - Process improvement
- Corrosion studies

Training

- WebAcademy
 - Online Training Portal using Interactive Media Training
 - Learning Management System (LMS)
 - Pulp Mill and Power Plants
 - Self paced courses
- VirtualSite™ Simulators
 - DCS coupled – Fully dynamic
 - Look and feel of DCS
 - Stand-Alone – Medium
 - Uses replicated DCS display
 - Generic
- Classroom Training

Training throughout the plant's lifecycle



