



Metso MeChanICs Mid-term Review 27.9.2012

Janne Nurminen

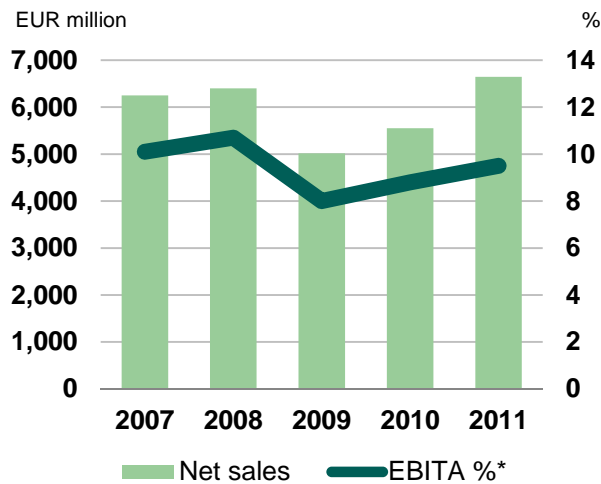


Metso in a nutshell

Metso is a global supplier of technology and services to customers in the process industries, including mining, construction, pulp and paper, power, and oil and gas. Our 30,000 professionals based in over 50 countries deliver sustainability and profitability to customers worldwide.

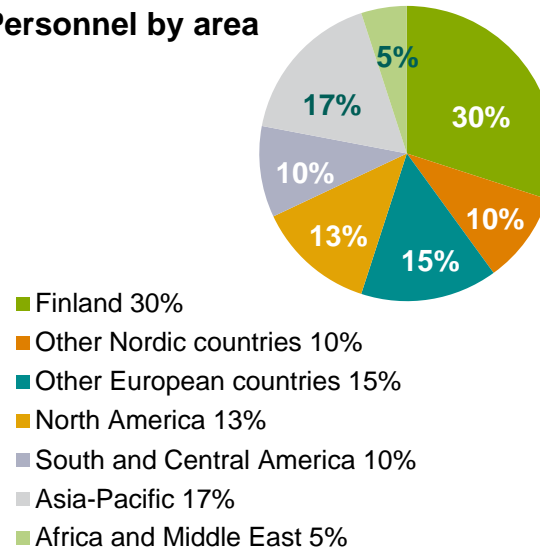
- 2011 net sales EUR 6.6 billion
- Shares listed on NASDAQ OMX Helsinki Ltd.

Net sales and EBITA %*



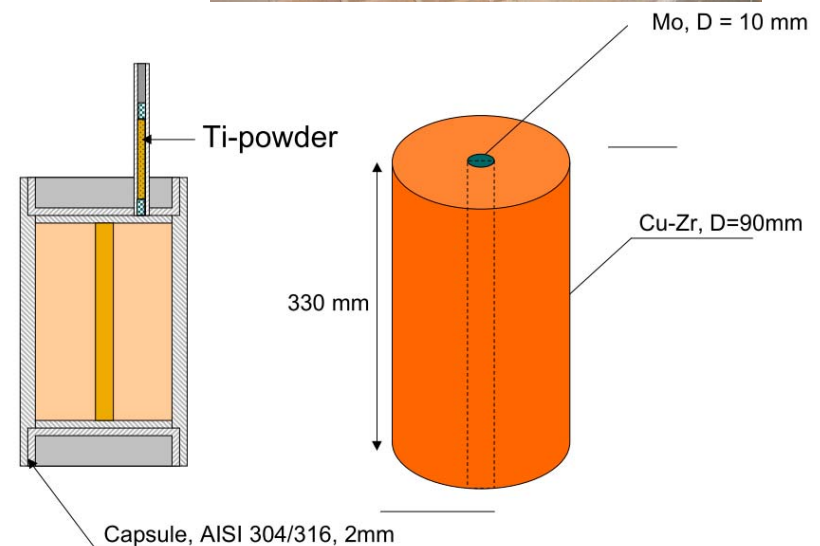
* before non-recurring items.

Personnel by area



METSO motivation for CERN/Mechanics

- End-covers was a large powder metallurgical project for Metso Powdermet, (semi independent company) in both reference and economic wise:
 - Good relations wanted to be maintained by practical co-operation, person-to-person networking etc.
 - Cu-Mo HIP-materials manufactured for CLIC
- CLIC structures need huge amount of very high-tech components:
 - Possible large commercial possibilities
 - High demands force technological development that can be used for other products also
 - CERN is a huge research lab, new technologies are developed and new ideas spread -> maybe something useful for Metso as well
 - Personal development of the secondment people



Current status of the project

- Metso Materials Technology disbanded – materials technology R&D radically decreased
 - MMT was already part of EMC (Engineered Materials and Components)
 - Now, main activities are inside Metso Minerals
 - Contact person changed to Janne Nurminen
- Powder metallurgical know-how and deliveries of components mainly existing
 - Interest of CERN-applications exist if suitable components can be found (this far not so promising)