

# Industrial Learning Space Ltd.

Vocational and in-service training within  
enterprises



# Industrial Learning Space Ltd

- Jyskänvuoren tehtaitten ammattikoulu, nowadays known as Industrial Learning Space Ltd was founded by Valmet Corporation in Jyväskylä in 1946.
- At that time there was a strong need to have vocational education for a large number of new employees.
- Our experience : 60 years of vocational education in close co-operation with industry.



# Industrial Learning Space Ltd

- Owner structure 1946 - 1999
  - Valmet, later renamed to Metso Paper
- Owner structure since 1999
  - Metso Paper Ltd
  - Metso personnel fund
  - Jyväskylän University of Applied Sciences (Politechnic)
  - Jyväskylä vocational education joint municipal authority



# Industrial Learning Space Ltd

Our operations are divided into three sectors:

- Vocational education
- Personnel training
- Subcontracting machine shop

Net sales 2006 (also costs) exceed 4 M€, about which over 0,2 M€ is support from the government.



# Industrial Learning Space Ltd, Vocational education

- Formally we arrange preparatory training for competence-based qualification. Qualifications are Finnish competence-based qualifications in three level:
  - vocational upper secondary qualification
  - further vocational qualification
  - specialist vocational qualification
- We educate professionals:
  - plater-welder / welder
  - machinist
  - mechanical fitter



# Industrial Learning Space Ltd, Vocational education

- Annually about 50 persons start studies.
  - We face some lack of suitable persons for further vocational qualification.
- Our students are working for us
  - Wages are around 1.200 - 1.300 € / month.
  - This is a workplace - not traditional school.
  - All students are over 18 years old.
  - Right attitude and work motivation are the most important issues.



# Industrial Learning Space Ltd, Vocational education

- Time frame for studies
  - vocational upper secondary qualification 2 years
    - About 3 months theory
    - Majority of time practice, real work
  - further vocational qualification 1,5 years
    - Nearly 2 months theory
    - Majority of time practice, real work
  - specialist vocational qualification 2 years
    - About 2 days / month theory,
    - A lot of remote work
    - Majority of time in own workplace



# Industrial Learning Space Ltd, Vocational education

- During the studies students are already in practical training in metal companies.
- After the studies all plater-welders / welders, machinists and mechanical fitters are recruited by metal and mechanical engineering companies.
- Demand for professionals is bigger than what we can supply.





# Co-operation with companies

## Example Metso Paper

- Vocational education
  - New employees for Metso Paper
- Personnel training
  - “Home trainer” for Metso Paper
- Machine shop
  - Single supplier for certain components and a large number of case by case components.



# Co-operation with companies

## Example Metso Paper

- Vocational education - New employees for Metso Paper
  - Metso Paper recruits machinists and mechanical fitters from us.
  - Metso Paper's own groups, at the moment own export mechanical fitter education.
  - Career opportunities between Industrial Learning Space and Metso
  - Specialist Qualification for Machinists - further training for very experienced machinists.



# Co-operation with companies

## Example Metso Paper

- Personnel training - Home trainer for Metso Paper
  - We train according to the customers' needs
  - Middle management, sales and material management training programs
  - Product knowledge training
  - Language teaching in all Metso Paper's Finnish units
  - Work safety



# Co-operation with companies

## Example Metso Paper

- Machine shop - Single supplier for certain components and a large number of case by case components.
  - Single supplier for paper machine's doctors' bearing and bearing housing, steam- and condensate pipes
  - Spare parts for Metso Paper service
  - A large number of demanding case by case components, eg different components for pilot paper machine and very demanding welding works



# Co-operation with companies

## Example Moventas

- Vocational education - New employees for Moventas
  - Moventas recruits machinists and mechanical fitters from us.



# Co-operation with companies

## Example Moventas

- Personnel training - various training according the needs
  - We train according to the customers' needs
  - Project management
  - IT-training
  - Language training
  - Management team training
  - Work safety



# Industry and commerce educational institutes

- 42 industry and commerce education institutes operating in Finland
- Institutes are own by major corporations fully or partially, funds, other schools and institutes and various authorities
- Institutes serve owners or industry in question depending on the background of the institute.



# Industry and commerce educational institutes

- Institutes are operation in various fields, eg.:
  - Metal industry (5 institutes)
  - Paper industry (2 institutes)
  - Retail business (several)
  - Insurance business (several)
  - Aviation (1 large institute)
  - Finance (several)





# Industry and commerce educational institutes

- Total annual costs about 160 M€
- Government supports annually about 25 M€.
- 250.000 persons in training every year



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TEOLLISUUDEN  
OPPIMISPAIKKA