









Christian Harteis & Maria Schul Institute of Educational Science Fakulty of Psychology, Education und Sports Science

## State of research on workplace learning

"Rediscovery" of practice-based learning in vocational education and training and educational research

- Workplace learning was main mode of ancient apprentices
- Focus of educational research on vocational learning was on formal learning processes until late 20th century
- Workplaces as learning environments of own quality appeared in educational literature in the 1990ies
- Seminal research on workplace learning since 2000



■ **™** Jniversität Regensburg Christian Harteis & Maria Schulz Institute of Educational Science Fakulty of Psychology, Education und Sports Science

# Demographic development: Aging workforces

Forecasts of (European) labour market developments

- Demographic change: Extended lifetime, decreasing birthrates
- Relation between older workforce and younger workforce changes to majority of older workforce
- Social security systems demand extended working time
- → Challenge for enterprises: Integrating older workers into efforts of personnel and organizational development



## Specific features of older learning workers

- Rich work experiences, routines, wisdom
- · Changed cognitive and communication demands
- · Reduced time for return-of-invest considerations

### Two tasks of organizational development

- Integrating older workers in processes of knowledge actualization
- Organizing the dissemination of older workers' knowledge base across successive generations of workers
- → Providing learning opportunities for older workers matters



Christian Harteis & Maria Schulz nstitute of Educational Science akulty of Psychology,

## **Exemplary empirical study**

#### Method

- Quantitative questionnaire study of an German industrial enterprise (automotive supplier)
- Sample: 146 plant operators (89 respondents, 61%)

#### Measurements

- Age (up to 30 / 31-40 / 41-50 / >50 years)
- Experience of competence (5 items, α=.67)
- Social relatedness (5 items, α=.87)
- Competence support (4 items,  $\alpha$ =.71)
- Work-related know-how (11 items, α=.88)







