SMEs, Entrepreneurship and Innovation

Mariarosa Lunati
OECD
Tunis, 29-30 March 2010
4th Meeting of the MENA-OECD WG 2
A new environment

Importance of new and small firms to innovation has increased (and policy challenges shifted)

- Reduced economies of scale, knowledge economy, globalisation, non-technological innovation, open innovation, social entrepreneurship

SMEs and entrepreneurship have important roles in innovation

- Upgrading aggregate productivity, exploiting knowledge, making breakthrough innovations

There is an uneven distribution of new and small firm innovation

- High-growth-potential versus typical firms
Number of enterprises\(^1,2\)
By size class, 2006\(^3\)

1. Market economy, excluding financial intermediation. Manufacturing sectors only for Ireland, Japan, Korea, Luxembourg and Slovak republic.
2. Number of establishments for Korea, Japan and Mexico
3. 2005 for Turkey and Iceland, 2004 for the United States, 2003 for Mexico
4. Enterprises with 3 or more persons engaged
5. Establishments with 5 or more persons engaged.
6. Establishments with 4 or more persons engaged
Employment\textsuperscript{1,2}
By size class, 2006\textsuperscript{3}

1. Market economy, excluding financial intermediation. Manufacturing sectors only for Ireland, Japan, Korea, Luxembourg and Slovak republic.
2. Number of employees for New Zealand and the United States
3. 2005 for Turkey and Iceland, 2004 for the United States, 2003 for Mexico
4. Enterprises with 3 or more persons engaged
5. Establishments with 4 or more persons engaged.
6. Establishments with 5 or more persons engaged
Value added
By size class, 2006

1. Market economy, excluding financial intermediation. Manufacturing sectors only for Ireland, Japan, Korea, Luxembourg, Netherlands and Slovak Republic.
2. 2005 for Turkey, 2003 for Mexico
3. Enterprises with 3 or more persons engaged
4. Establishments with 4 or more persons engaged.
5. Establishments with 5 or more persons engaged
Export performance: Total export by size class
2003, as a percentage of total value

Source: Eurostat, OECD TEC database
Process innovation
2004-2006
Marketing and organisational innovation, 2004-2006
Firms collaborating in innovation activities
2004-2006

- SMEs
- Large firms

[Bar chart showing collaboration rates for different countries, with vertical bars representing each country's data for SMEs and large firms.]
Perceived barriers to innovation – Example: Austrian SMEs

- Uncertain demand
- Markets dominated by established enterprises
- Lack of finance from sources outside enterprise
- Lack of funds within enterprise or enterprise group
- Innovation costs too high
- Difficulty in finding cooperation partners
- Lack of qualified personnel
Knowledge flows

- SMEs innovate through interactions
- Local knowledge spillovers and spatial clusters are important
- Global knowledge flows should not be neglected
Entrepreneurship skills

• Formal education and training need to adapt (universities, vocational, schools)
• SME employees receive less training
• Knowledge intensive service activities support informal learning in SMEs (for instance e-commerce, market research, creative thinking applied to technical problems)
Recommendations

- Make policies to strengthen SMEs and entrepreneurship a main plank of government innovation strategies

- Introduce policies in four areas:
  Promote conducive entrepreneurship cultures and framework conditions
  Increase the participation of new firms and SMEs in knowledge flows
  Strengthen entrepreneurial human capital
  Improve the environment for social entrepreneurship and social innovation
Social entrepreneurship and social innovation

- Entrepreneurship and innovation for social objectives: employment, consumption, participation
- Social entrepreneurship is a type of social innovation working through socially-driven business ventures
- Social innovation includes public sector innovation and private for-profit sectors as well, including finance
- Both are important, substantial and growing, but not always well served by institutions