

The role of HEIs in entrepreneurship development.

Highlights from the Universities of Lombardy

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Two themes (Potter 2008)

a) entrepreneurship teaching

entrepreneurial education could apply to all forms of education

entrepreneurship education and training, specifically concerned
with new venture creation and innovation.

b) knowledge (technology) transfer

joint research projects sometimes leading to licensing

informal ways of transfer (unintended, unplanned)

spin-offs.

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entrepreneurship education: undergraduate

"Entrepreneurship" not very often named; concept sometimes included in courses on Management o SME (Wilson 2008); e.g.

economia delle piccole medie imprese	Milano-Bicocca
imprenditorialità e capitale sociale	Milano-Bicocca
imprenditorialità e innovazione	Bergamo
management dell'innovazione	Insubria-Varese
imprenditorialità e business plan	Udine
Imprenditorialità e strumenti per lo sviluppo di nuove imprese	Bologna

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entrepreneurship education: postgraduate

<i>Master (post-experience, one year)</i>	
Imprenditorialità e strategia aziendale	Milano-Bocconi
Imprenditorialità sociale e governance locale	Pisa
<i>Laurea magistrale (2° level degree, two years)</i>	
Global Management, Markets Entrepreneurship (tri-lingual: It, En, Ger.)	Bolzano
Imprenditorialità e innovazione	Campobasso

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Some active spin-offs as per Sept. 2009

- Università di Milano: N° 20
- Politecnico di Milano: N° 18
- Università di Milano-Bicocca: N° 9
- Università di Pavia: N° 4 (plus 6 under construction)
-omissis

N.B. Università Bocconi e Università Cattolica del Sacro Cuore do not mention spin-offs in their homepage.

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Milan University: medical & bio SPO

Pharmafilm srl	<i>medical products</i>	2003
HO.P.E. srl	<i>health diagnostics</i>	2007
TOP srl (eng)	<i>health bio-technology</i>	2006
Neuro-Zone srl (eng)	<i>health bio-technology</i>	2007
Phytoremedial srl	<i>health bio-technology</i>	2007
Vetogene srl	<i>veterinary diagnostics</i>	2003
Congenia srl	<i>drugs</i>	2004
Sulfidris srl (eng)	<i>drugs</i>	2006
Foldless srl	<i>drugs</i>	2009

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Milan University: others SPO

Phytoengineering Italia srl	<i>environmental technology</i>	2003
Petroceramics spa	<i>materials technology</i>	2003
Tethis srl (eng)	<i>nanotechnologies</i>	2004
Genespin srl (eng)	<i>molecular biology</i>	2004
Sensure srl	<i>quality control</i>	2007
Kairos Physiomechanics srl	<i>bio-mechanics</i>	2008
Newronika srl	<i>neuro sciences</i>	2008
Bio-track srl	<i>food quality</i>	2005
HPF - Nutraceutics srl	<i>food technologies</i>	2007
ISB srl	<i>chemistry</i>	2006
Melete srl	<i>chemical risk management</i>	2008

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Milan Politecnico – Electronics & ICT SPO

Telerilevamento EU - T.R.E.	<i>Earth observation</i>	2000
SXT - Sistemi per Telemedicina (eng)	<i>Biomedical applications (Polygraphs)</i>	2006
Resmon	<i>Biomedical applications</i>	2008
ISS - Security Solutions	<i>Video surveillance</i>	2006
Kee Square	<i>Video surveillance</i>	2007
Binary Core	<i>Digital electronics</i>	2006
Mcm Energy Lab	<i>Industrial electronics</i>	2006
Web Models	<i>ICT - Software development</i>	2001
Wisytch	<i>Wireless devices</i>	2006
Mobimesh	<i>Wireless networks</i>	2008

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Milan Politecnico – Others SPO

Nanosurfaces	<i>Nanomaterials</i>	2003
Aresys (eng)	<i>Signals' numerical treatment</i>	2003
Micro Photon Devices (eng)	<i>Photon Counting electronics</i>	2004
Genport	<i>Energy generation</i>	2009
XGLab	<i>Radiation detectors</i>	2009
T.I.Ve.T	<i>Rail transport mechanics</i>	2005
Mi.To. Tech	<i>Intellectual property consulting</i>	2007
MetalC	<i>Management consulting</i>	2005

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Concluding remarks (tentative)

- Relevant sub-themes (Mitra 2008) to be dealt with :
location: Milano as a regional center;
context: firms sometimes wishing to absorb, universities very seldom open to meet their needs (with few exceptions);
impact: firm creation depends on many factors such as motivation, venture finance, public policy (cultures of different social groups in Lombardy, e.g bourgeoisie's and immigrants').
- Status of entrepreneurship as a legitimate academic discipline (Zahra & Welter 2008):
- Data on indirect effects (Dahlstrand 2008)

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References

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