

EuroMed Innovation and Technology Programme 


EUROMED Innovation Measures and Strategies

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 EuroMed Innovation and Technology Programme
Medibtikar

Regional Challenges and Opportunities ...



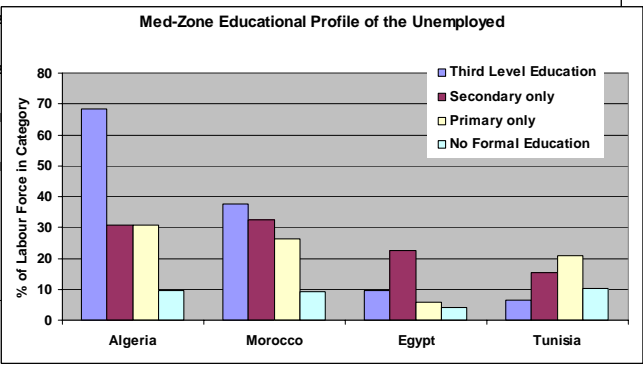
MFTA – 2010

- Algeria
- Egypt
- Jordan
- Lebanon
- Morocco
- Palestinian Authority
- Syria
- Tunisia

Projected Evolution of the Med-Zone Labour Force


New jobs required for the decade ended in ...

Med-Zone Educational Profile of the Unemployed



Country	Third Level Education	Secondary only	Primary only	No Formal Education
Algeria	~70	~30	~30	~10
Morocco	~38	~32	~28	~10
Egypt	~10	~22	~8	~5
Tunisia	~8	~15	~20	~10

Source: Published in Medzone Innovation Trend Chart for 2005 at trendchart.cordis.lu on the basis of data obtained from the IBRD - World Bank publication entitled 'Unlocking the Employment Potential of the Middle East and North Africa' available at www.worldbank.org

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Introduction ... and context ...



Euromed Working Group on Industrial Cooperation

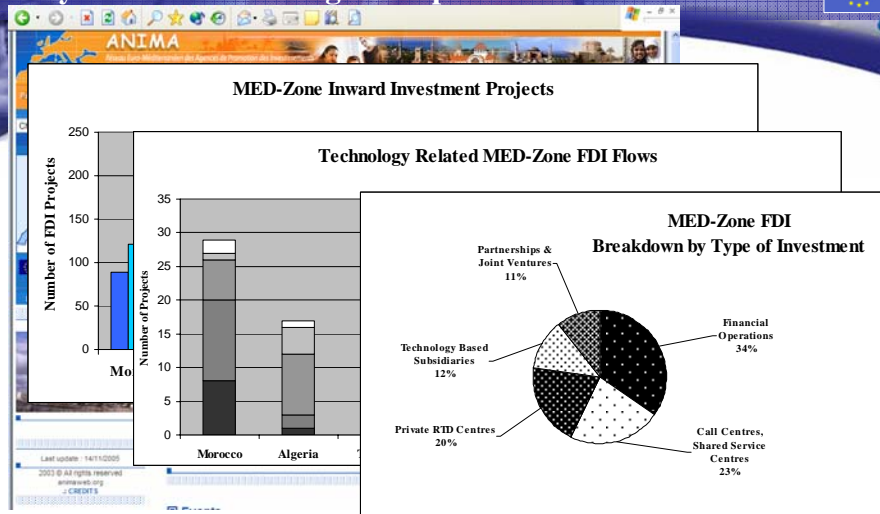
MEDA Cooperation with EU

	PMN Programmes (1995-2004)	PMI Programmes (2005-2008)
Algeria	*	
Egypt	*	*
Jordan	*	*
Lebanon	*	*
Morocco	*	*
Palestinian Authority	*	
Syria	*	
Tunisia	*	*
TOTAL EU Commitment	€181 Million	€417 Million

- ANIMA
- Euro-med Marche
- Euromed Qualite
- **Medibtikar**
- ... etc




FDI dynamics ... a message of hope!



Source: Published in the Medzone Innovation Trend Chart 2005 soon to be available at trendchart.cordis.lu and derived from MIPO - the Mediterranean Investment Project Observatory at www.animaweb.org



LEBANON ... 

System of Incubators and Technoparks


Berytech	(USJ ... TCI + Media)
BC: Berytech II	(USJ ... Sante - Technologie)
BC: Bekaa	(AUB ... Agropole)
BC: Tripoli	
BC: Saïda	
BETZ	IDAL ...


University System

Université Libanaise
45 universités privées ...
Université St. Josef
American University of Beirut

... Other Infrastructure

ELCIM	The Lebanese IMP
SME Unit (MoE)	Le ISSP
CNRS	4 National Laboratories
IRI (LIBNOR)	Industrial Research Institute
LARI (MoA)	Lebanese Agricultural Research Institute
ALI	Association Libanaise des Industrialistes
Les Chambres de Commerce	
Les Associations Professionnelles	
OMSAR	
KAFALAT	

... MEDA Trend Chart 2006 

EGYPT ... 

University System

- 13 public Universities
- 8 private Universities
- 116 R+D Laboratories in 12 Universities
- 70 R+D centres

Science Park System (TDP in 1993)

The Technopole Network ...

- Sinai Technology Valley (?)
- Quena Technology Park (?)
- Northern Coast Technology Valley (?)
- Pyramid Smart Village (2002)

Mubarak Science City (1993)


- 12 centres R+D prévues ... TI, Ing. Gen., Lasers, n. mat., etc
- 4 inaugurated en 2000
- 2 incubators ... TI, Biotech ...

Incubator System (dans le cadre du EDP, financé par le SFD et géré par le EIA ... en 1995)

Réseau de 8 prévues ...

- Sixth of October City (?)
- El Tabbin
- El Mansoura
- Asiat
- Aswan (?)
- Ain Shams (?)
- Sharqiya (?)
- Tala (1998)

• EIA ...

... MEDA Trend Chart 2005, 6 

JORDAN ...



Incubators (16) and Science Parks (1)

- JTG
Jordan Technology Group (1988)
Run by RSS and financed by HCST
- ICT Incubator
Womens Enterprise Centre run by the JFBPW
... at the Business Training Centre and run by the JFBPW
- WEC Incubator
University of Jordan Faculty of Ag. Financed by EJADA
- Jabal Al Taj Incubator
... planned incubator
- Agro-Industry Incubator
... planned incubator
- Al Zarqa University
Academic Entrepreneurship Centre of Excellence at the
Hijjawi Faculty of Engineering and Technology at the
University of Yarmouk
- Philadelphia University
- AECE Network of 9 incubators

- NACTIB (2003 by the HCST)
National Consortium for Tech. and Incubation of Bus.

- Cybercity
IT oriented science-park and industrial zone ...

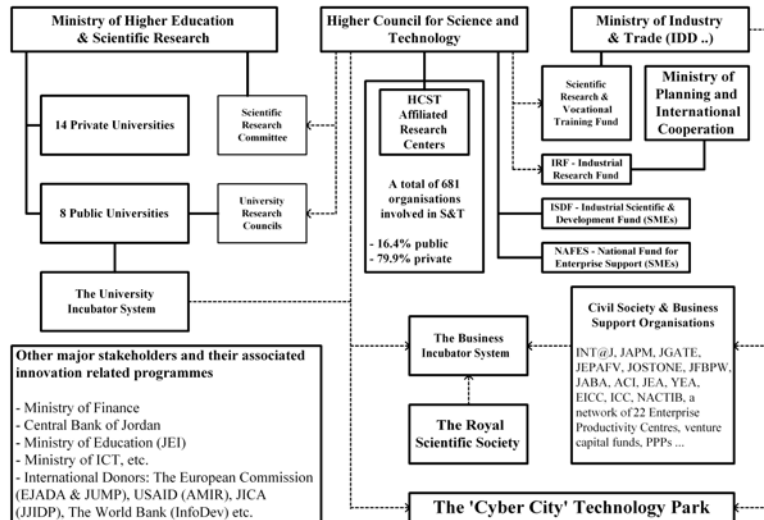
... MEDA Trend Chart 2005



The Jordanian Innovation System (environment) ...



The National Innovation System of Jordan



Algeria, Syria, The Palestinian Authority ...



Algeria (foreseen)

- New City of Sidi Abdellah
- City of Medicine
 - Cyber Park

The Palestinian Authority

- PICTI – ICT Incubator

Syria

- MAWRED incubator for women entrepreneurs (2003)

Country	TP	INC	VCF
Algeria	1+4	0+5	1
Egypt	2+3	4+6+40	1
Jordan	1	14+2	2
Lebanon	1+1	1+4	3
Morocco	1+3	8+4	17
Palestinian Auth.	0	1	0
Syria	0	1	0
Tunisia	2+6+3	15+4	38

... MEDA Trend Chart 2005, 6



Morocco I ...



1: The 'Emergence' strategy - sectoral, spatial, regional ... the 'contrat progres'

2: The OMPIC 'Vision 2010' strategy ...

3: University Reform ... keyword = innovation (... in teaching and relations with industry and other economic actors ...)

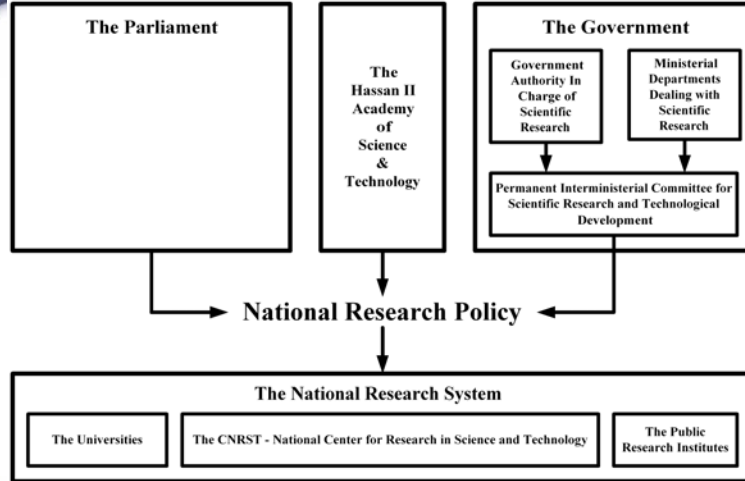
4: The organization of research (PARS, PROTARS, ... innovation lines)

5: The incubator system ... RMIE and other networks ...

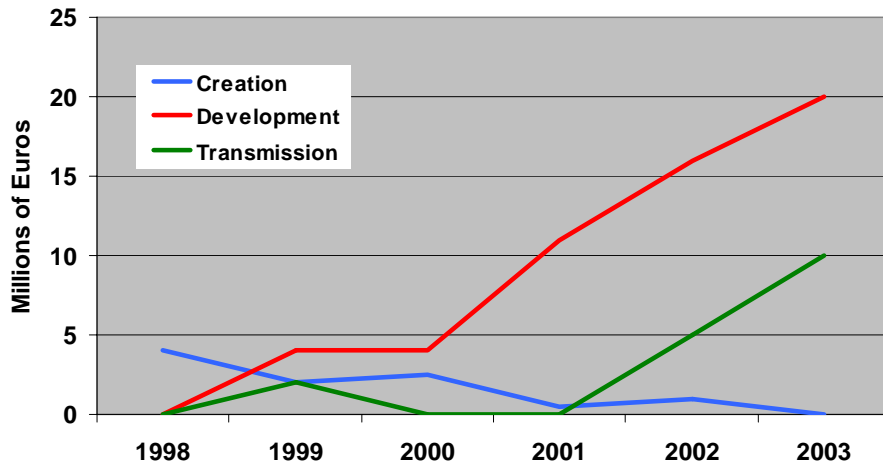




The National Science System of Morocco



Evolving Structure of Investment in Morocco



Tunisia I ...



1: The ‘Presidential Programme 2004-2009’... ‘La Tunisie de Demain’ ... a 21 point plan with numerical targets addressing unemployment, company creation, business centers, micro-credit, techno-parks and integration in the global economy ...

2: The ‘Essaimage’ program ... and the development of VC ...

3: The BFPME ...and VC experience (FITI and RITI ...)

4: The CNDC – the National Campaign for Development of Competitiveness

The PNQ – 600 companies helped develop a quality program

The PNC – 400 companies helped to develop a productivity program

5: The organization of research by the MSRTDC (PRF, VRR, PIRD, **PNRI ...) and the the ‘Technopark and Incubator’ network**



Tunisia II – the ‘Technopark’ System ...



ISET	Name of the Incubator	Start Year	Current Tenants	Number of Exits
ISET of Nabeul	Nabeul Elan Technologique	2001	5	
ENI of Sfax	Sfax Innovation	2001	10	-
ISET of Radès	Radès Technologie Plus	2003	6	3
ISET of Sousse	Sousse TEC	2003	5	6
ISET of Gafsa	Gafsa Technologie du Futur	2003	7	-
ISET of Gabès	Gabes Promotech	2003	5	-
ENI of Tunis	Manartech	2003	8	-
TP of Borj Cedria	Innotech	2003	-	-
ISET of Kairouan	Kairouan Innovation Technologique	2004	4	-
ISET of Jendouba	Jendouba Créatic	2004	-	-
ISET of Kef	Le Kef Essor Technologique	2004	-	-
ISET of Ksar Hellal	Pépinière des Initiatives Innovantes	2004	4	-
ISET of Djerba	Djerba Création Et Innovation	2005	1	-
ISET of Mahdia	Mahdia Entreprendre	2005	2	-
TP of Sousse	Pépinière d'Entreprises	2006	3	-
TP of El Ghazala	Pépinière d'entreprises des communications	-	3	-
TP of Sfax	Pépinière d'Entreprises	-	16	-
EPT of Carthage	Carthage Innovation de l'EPT	-	-	-
INSAT	Centre d'Innovation et de Développement	-	-	-



Other Issues and Final Remarks ...



- 1: PRIZES ... USA and UK (The Apprentice, Dragons Den etc)**
 - The PI (R+D Maroc in Morocco, UTICA in Tunisia)
 - Administrative Innovation in Jordan ...
- 2: Morocco (FDI, Regional Branding and University Reform)**
- 3: Tunisia (The Role of Leadership ...)**
- 4: The impact of globalization on RTD and Innovation:**
 - Denmark (1% - 99%, the role of the Ministry of Foreign Affairs)
 - Finland (TEKES, Healthy China ... supporting MN hitech SMEs)
- 5: Beyond Innovation ...**
 - Open Innovation (P&G, IBM)
 - The organization of RTD and Innovation (Club of Amsterdam)
 - South Africa



Sources of Information ... and follow-up ...



'La Méditerranée Intelligente' (www.animaweb.org)	ANIMA
MEDA TrendChart 2004	P. Crehan
MEDA TrendChart 2005	P. Crehan
MEDA TrendChart 2006 (www.cordis.lu/trendchart)	P. Crehan
MEDIBTIKAR SWOT Reports (www.medibtikar.net)

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