

EUROPEAN TEMPUS PROGRAM "FINSI"



(Training of Industrial Systems Integrators)



FINSI Objectives

- Wider objectives
 - *Develop the kernel of an inter-university network in the Middle East*
 - *Develop relations with the Middle-East industries*
- Specific objectives
 - *Give the opportunity to specialists (from mechanical to network engineering) to meet, discuss and share knowledge*
 - *Propose a higher education programme in **Industrial Systems Integration (ISI)***

FINSI Partners

6 European higher education institutes

CNAM (France),
IUT Cachan, Paris XI Univ. (France),
UTC (France),
Braunschweig Univ. (Germany),
Glamorgan Univ. (UK),
Liege Univ. (Belgium),

+ Experts from other institutes

4 Middle Eastern universities

Balqa' Applied Univ. (Jordan),
Damascus Univ. (Syria),
Lebanese Univ. (Lebanon),
Al Quds Univ. (Palestine),

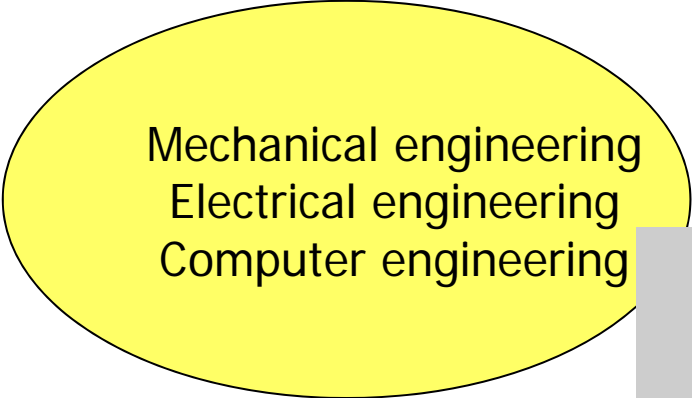
+ Participants from many other universities in the 4 countries



Industrialists from EU and the Middle East

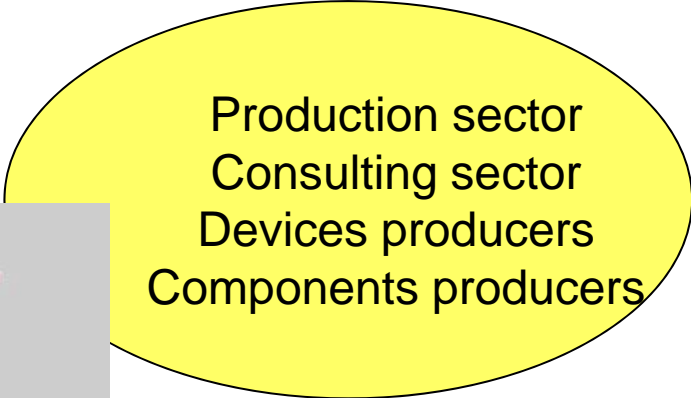
FINSI Activities

Academics



Mechanical engineering
Electrical engineering
Computer engineering

Industrialists



Production sector
Consulting sector
Devices producers
Components producers



Working Sessions

Paris
Beirut
Tripoli



Training Sessions

Amman
Tripoli
Damascus
Irbid



Regional Mobility

In ME



International Mobility

ME to EU

FINSI Results

- Positive results
 - Set up of the kernel of an ISI network
 - Academics from different specialties have worked together to develop a common program
 - Opportunity given to industrials to formulate their needs
 - A common program is available, to be adapted to the specific constraints of each university
 - FINSI has served as a starting point to further local and international cooperation

FINSI Results

- Difficulties
 - Establishing a common language between academics of different specialties,
 - Hard to keep things moving between programmed meetings,
 - Up till the middle of the program, instability of the participants
 - Tendency to discuss in term of “research” rather than applied industrial issues
 - Low involvement of local industrials in the curriculum definition