

Pre-ICIS workshop:
Information Systems research and education in developing
countries

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Research_in_Progress:

**ICT JOB SHIFTS AND ICT CLUSTER ASSESSMENT:
AN EXPLORATORY STUDY OF EL GAZALA ICT CLUSTER IN TUNISIA**

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1. Introduction:

ICT and Economic shift :

- Emergence of ICT industry
- The micro economic foundations of innovation(Porter and stern, 2001)

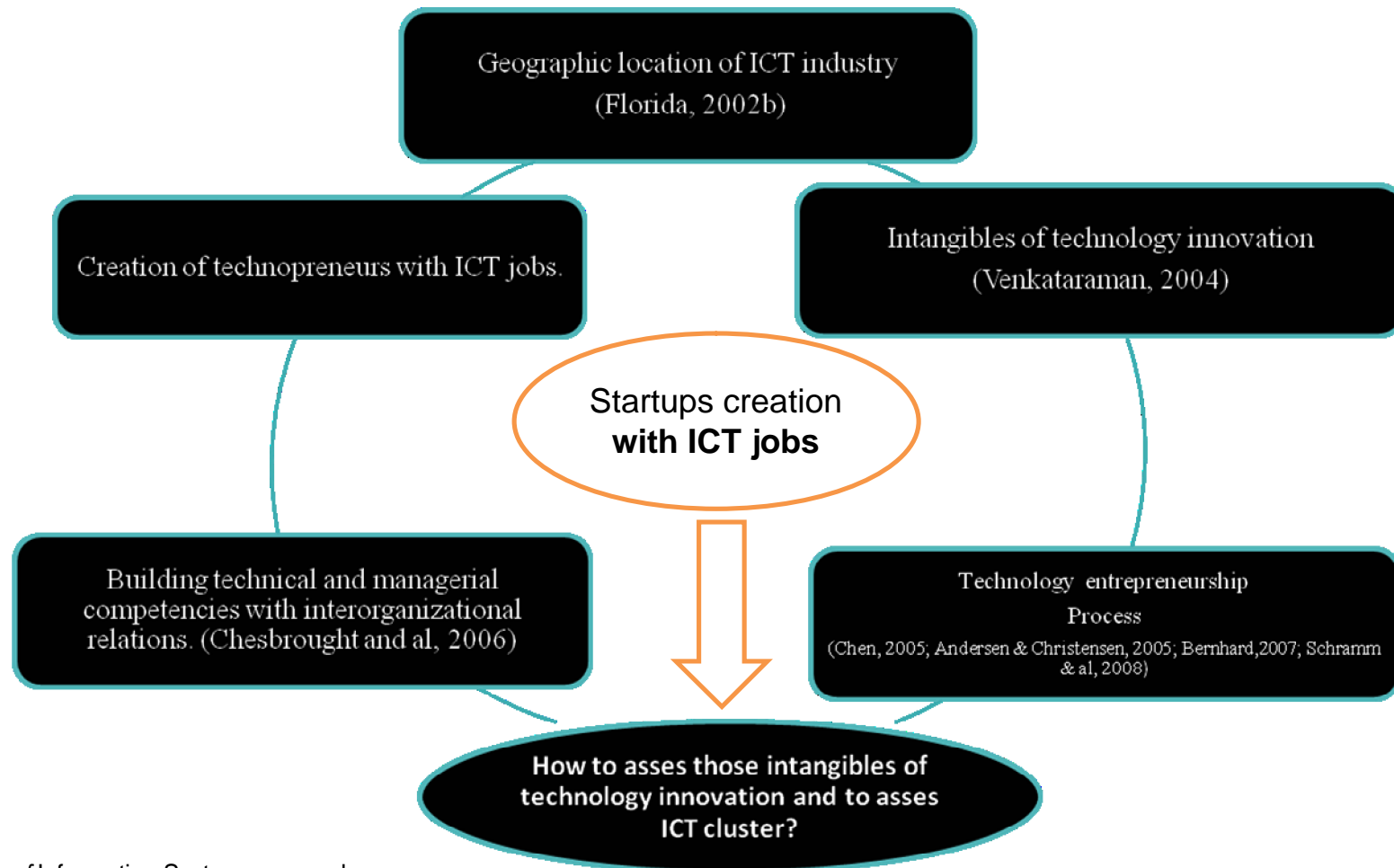
Local innovation :

- Talents and human resources .
- They are targeted by MNC. (Audia & Rider,2005)
- The rise of inovative regions with ICT clustering strategy.(Venkataraman,2004)

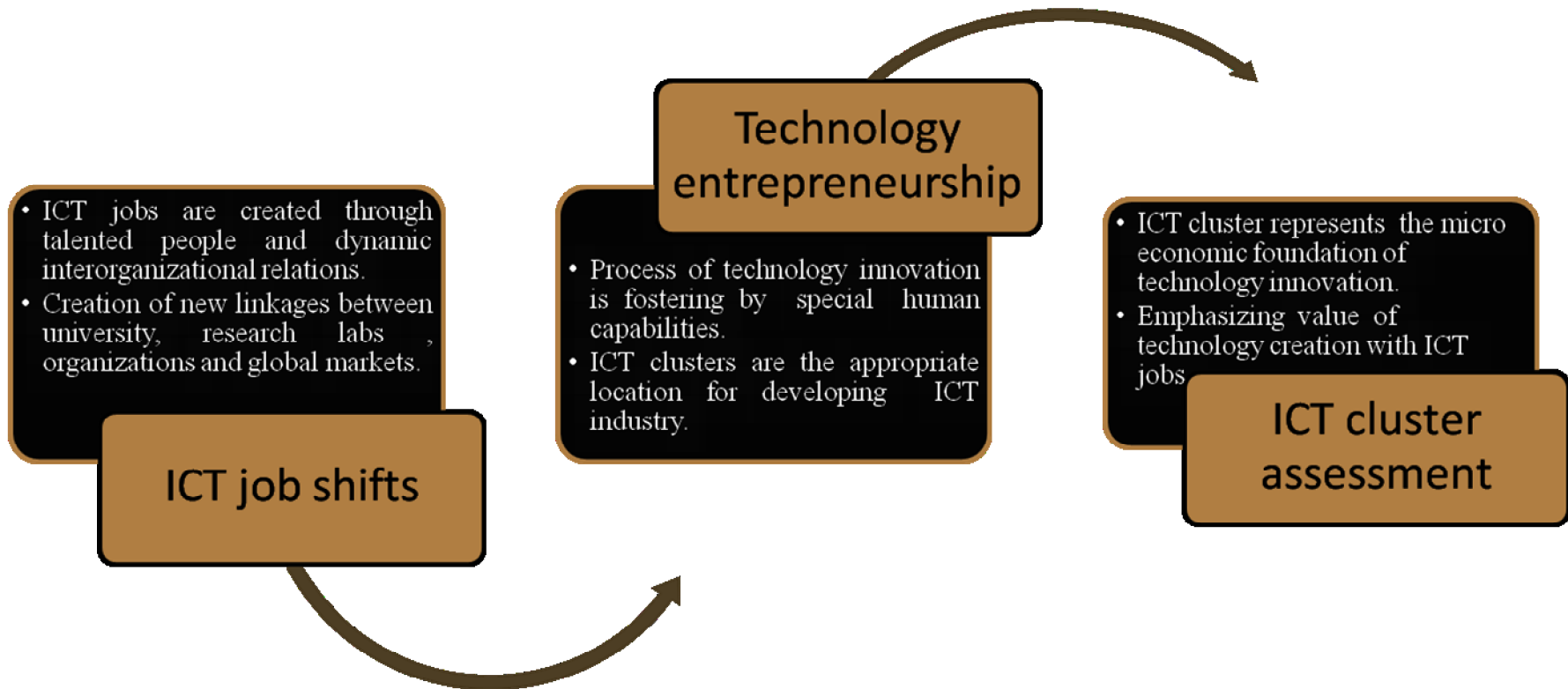
Implications for ICT strategy:

- ICT Clustering .
- Reaching talents and best human resources.(Florida, 2002a)
- ICT job creations and shifts to emergent countries (Porter, 1998a;Thornton & Flynn, 2003; Schramm & al, 2008).

2. Technopreneurial activity and ICT clusters: Toward a new assessment.

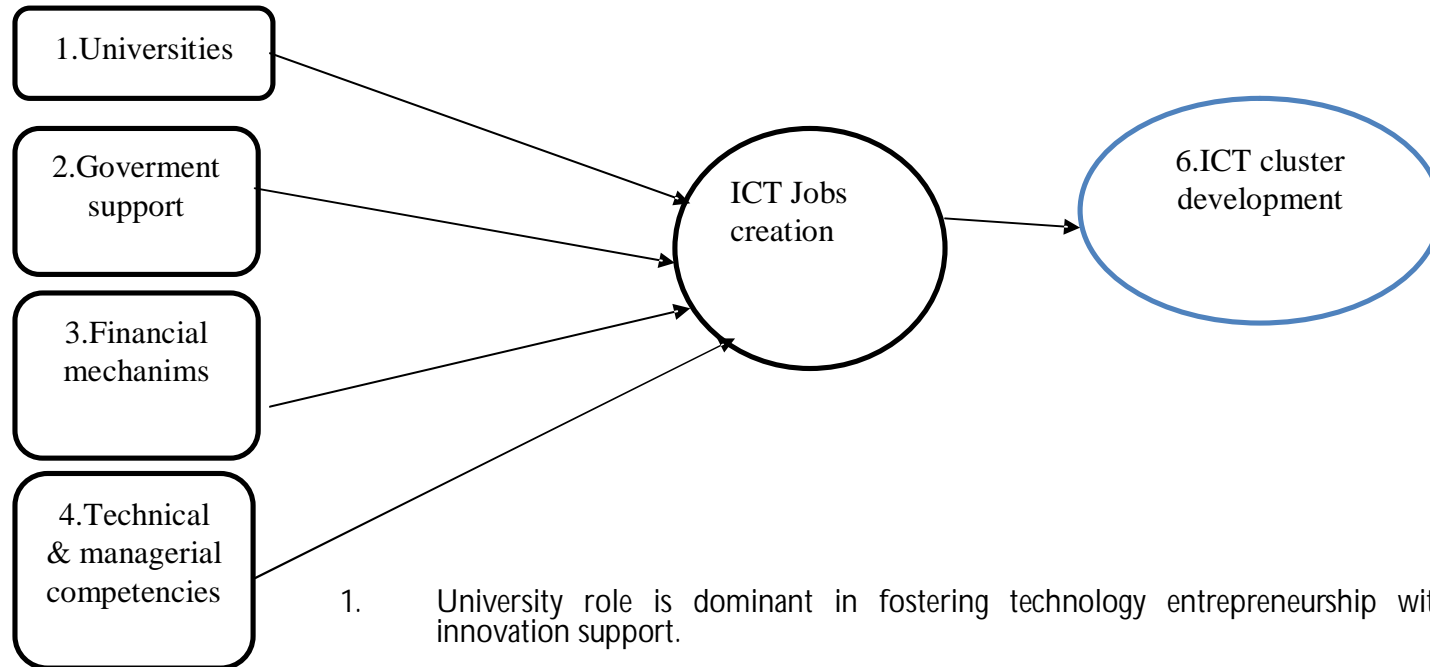


2.1 ICT cluster and ICT jobs:



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3. Proposed Conceptual Model:



1. University role is dominant in fostering technology entrepreneurship with innovation support.
2. Government support deal with protective laws for copyrights in technology and tax incentives for new entrepreneurs.
3. The most important in an ICT cluster are human capital; No more than the flow of that capital is the key that establish ICT cluster success or failure.
4. Joint ventures, or business angels are common to ICT business clustering.
5. ICT cluster development is dependent on mix on tangibles and intangibles of technology innovation.

4. RESEARCH METHODOLOGY AND CONTEXT OF STUDY:

Context of the study:

- ICT cluster of El Gazala is located in suburb of Tunis capital.
- 2 universities (Supcom & Isetcom)
- Two research agencies(National Agency for electronic certification and Center for telecommunication's Research & studies) which are focusing on certification and research in telecommunication at the Tunisian ICT cluster www.certification.tn ;www.cert.nat.tn ;
www.elgazalacom.nat.tn

-Exploratory study with-in case study.

- (Yin,1981;1989; Benbassat and al, 1987; Eisenhardt,1989; Palvia and al, 2003).

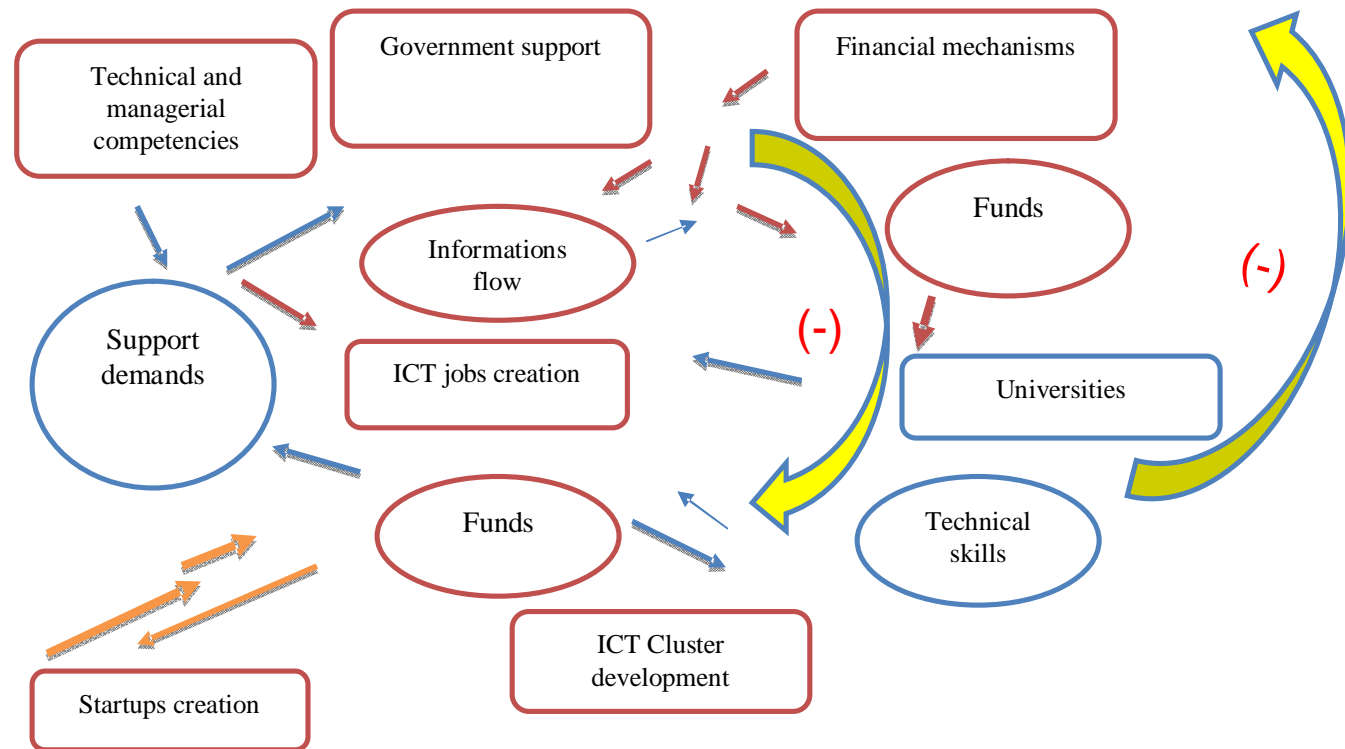
-Dynamics of technology entrepreneurship with a new approach.

- ICT job shifts through ICT cluster.

-Boundaries of this phenomenon are not yet identified.
Data analysis with matrix methodology (Miles & Huberman, 1994)

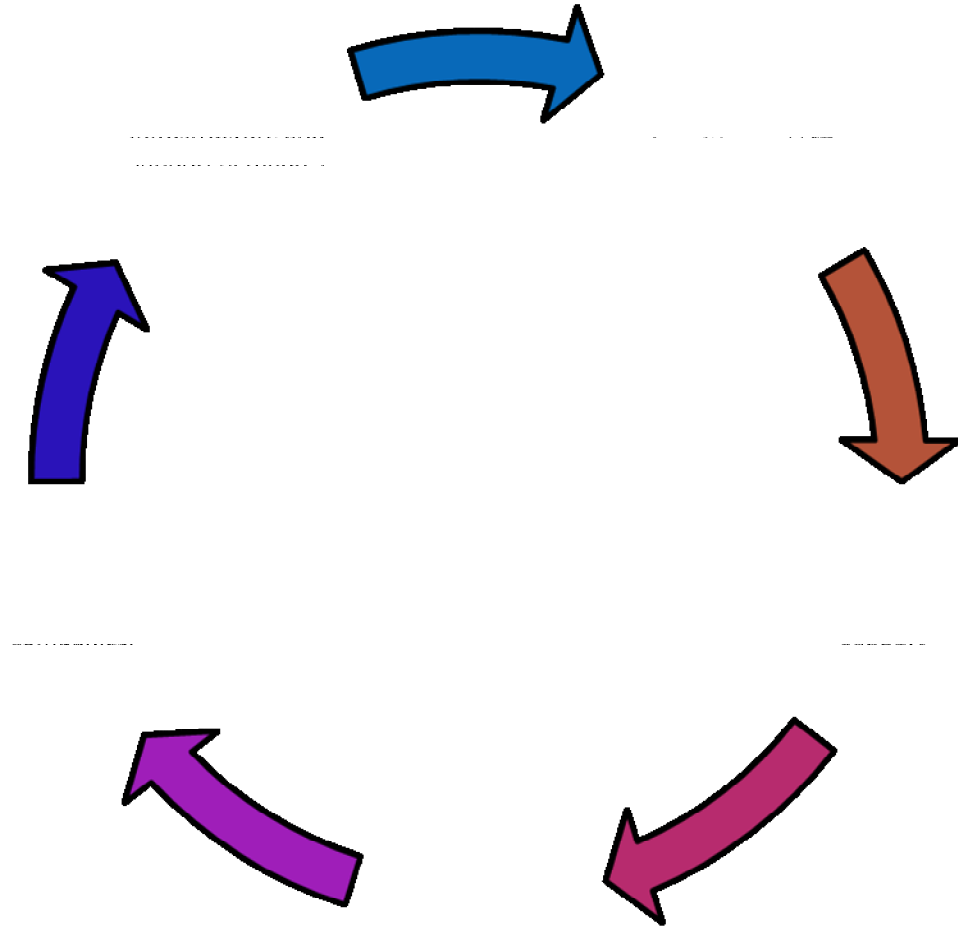
- ICT cluster development through ICT jobs and startup creation.

5/ Discussion: ICT jobs' Cluster assemssment :

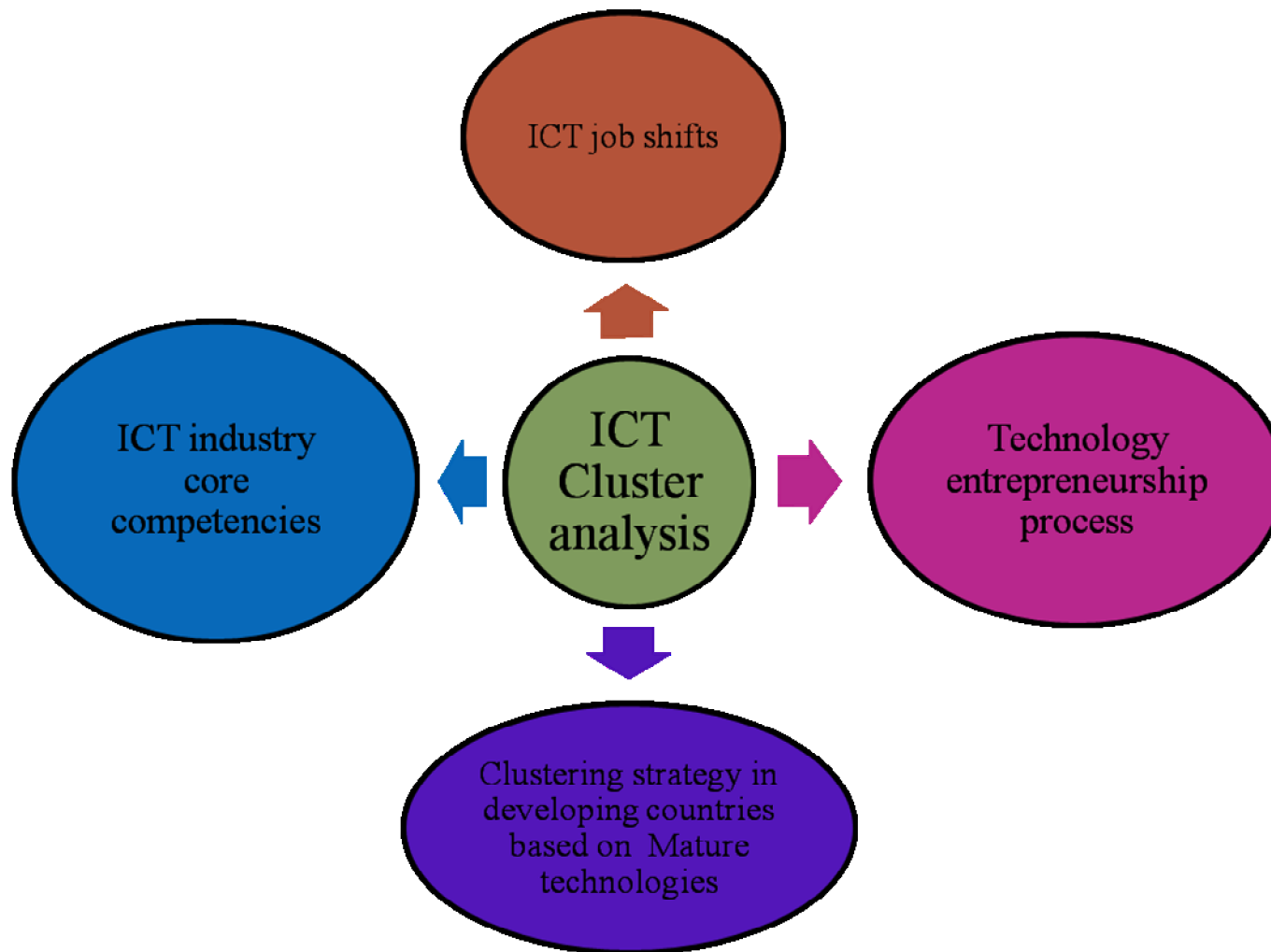


- (Miles & Huberman, 1994; Glasser & Strauss, 1967; Glasser, 2001)

6. CONCLUSION



6.1 ICT cluster analysis & assessment :



THANK YOU !