



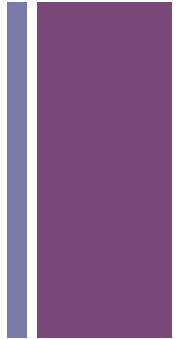
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ARRANGE-ICT
pArtneRship foR AddressiNG mEgatrends in ICT



ALEXANDER
**INNOVATION
ZONE S.A.**



pArtneRship foR AddressiNG mEgatrends in ICT

Third Transnational Project Meeting

Output 3 (O3) Foresight Study

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Anastasios Andronikidis, Alexander Innovation Zone

acanastasios@gmail.com



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Foresight Study for the ICT sector



- Technology Foresight (TF)
 - an essentially important tool for long-term planning at
 - Regional,
 - National or even International level
 - exploring the future to record trends and potential developments
 - the primary aim
 - improving and preparing today's decisions and strategic choices as best as possible



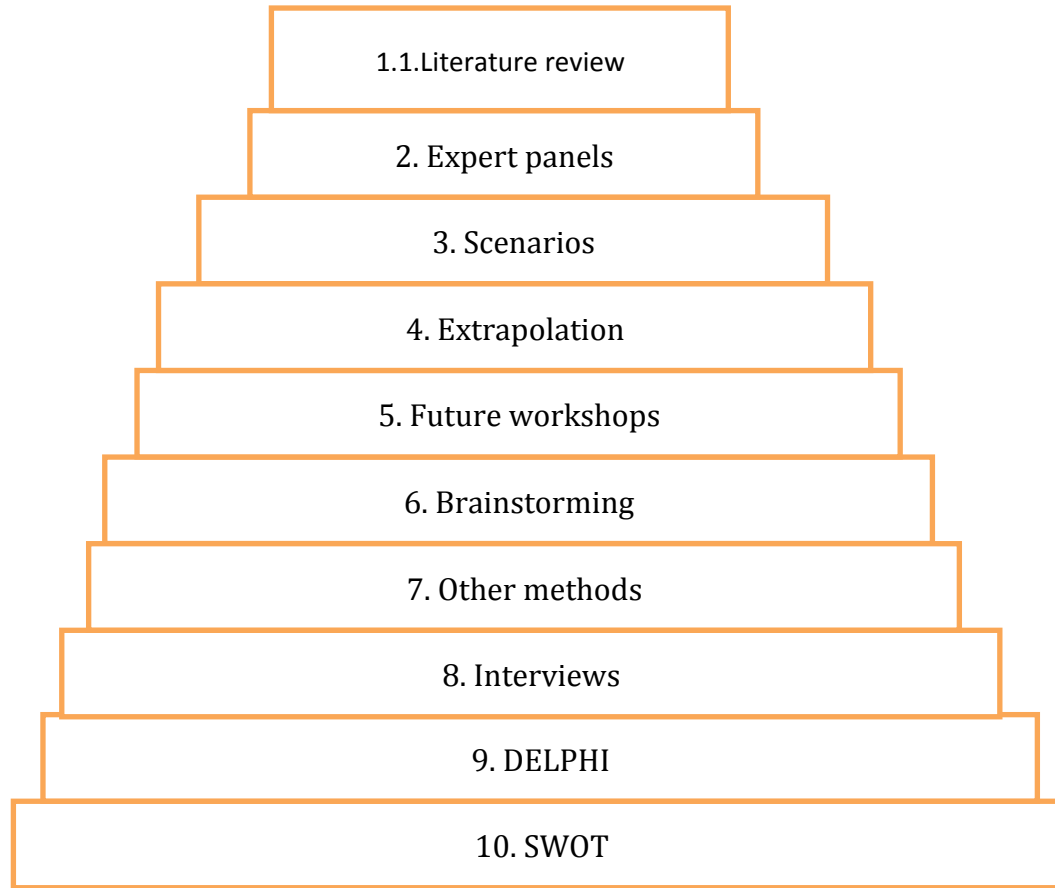
At the level of the Regions



- Technology Foresight
 - can enhance the planning of strategies and policies in regions, municipalities and communities.
 - emphasizes networking as a mean of accessing knowledge of the developments that can shape the future
 - aims to promote the involvement of a larger proportion of the population or its key players
 - in the creation of visions and the mobilization of collective strategic actions.



Existing tools that can be used in order to deliver the TF



■ Figure 1: The 10 Most Common Technologies of Foresight in Europe (EFMN)



DELPHI technique (1/5)



■ Delphi

- a research methodology widely used in a wide range of disciplines
- obtains the maximum possible consensus of a pre-selected group of experts on a topic,
 - by providing them with a series of consecutive questionnaires.



DELPHI technique (2/5)



- This technique
 - is one of the most widely used predictive techniques and
 - is therefore considered suitable for the development of innovative solutions
 - where the effects of innovation will be long lasting and difficult to predict.
- consists of the 3 phases



DELPHI technique (3/5)



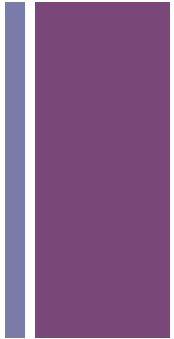
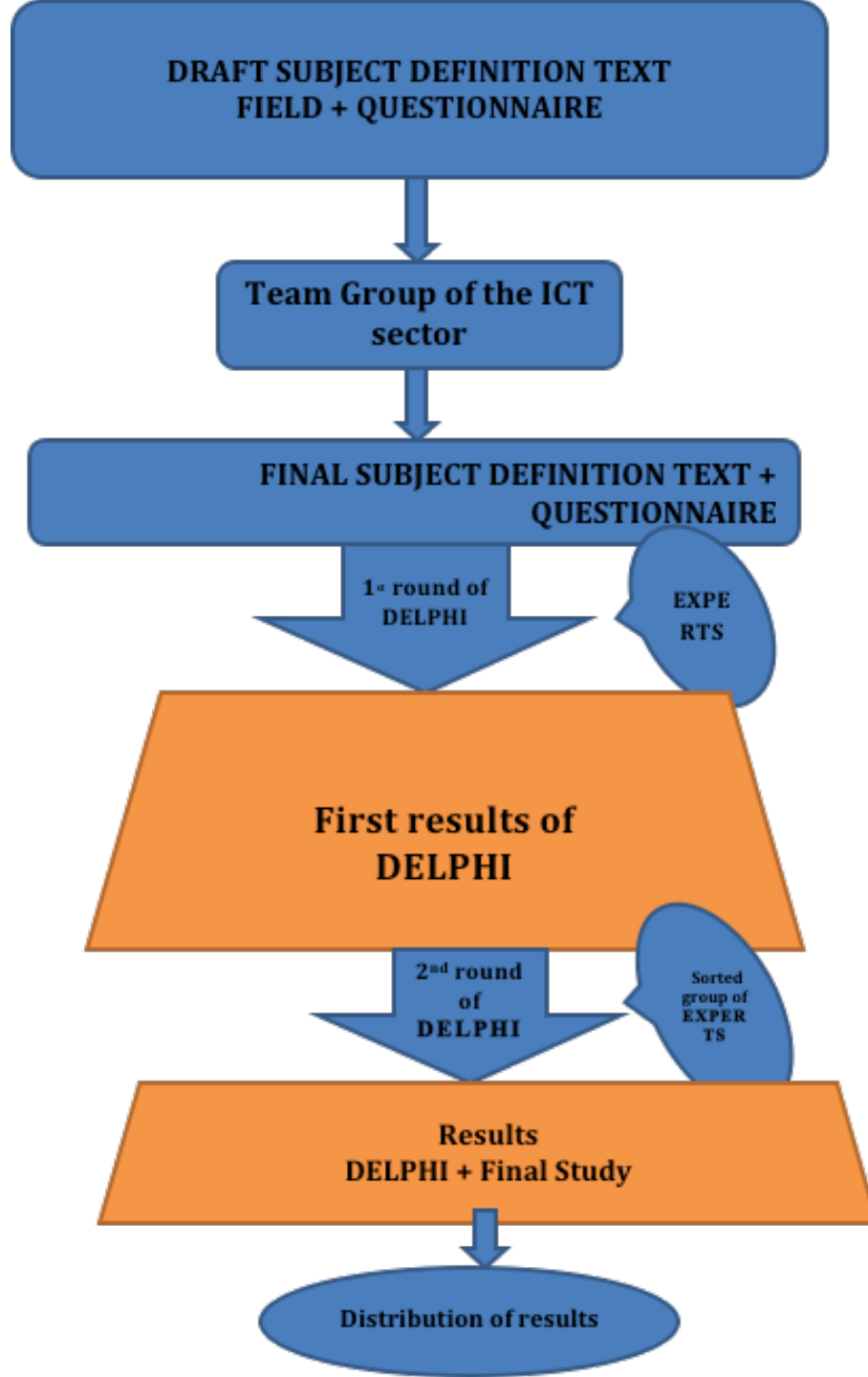
- The Delphi technique consists of the following phases:
 - Phase one: describe the problem by sending a questionnaire to all team members
 - Phase two: analysis of responses while members are informed of average responses and asked to reconsider their responses.
 - Members whose answers vary widely to explain their opinion
 - they may have additional information, their opinion is well founded or otherwise have an inaccurate opinion



DELPHI technique (4/5)



- Phase three: the analysis of the responses from the previous phase along with
 - an explanation of the extreme positions
 - sent back to the participants who are asked to reconsider and send an answer.
- The following is a diagram of the Greek Prospective Technological Investigation with Delphi methodology.





Structure of Foresight Study



- **CHAPTER 1: A GLIMPSE AT THE WORLDWIDE LANDSCAPE OF ICTs**
 - ICT & European Union
 - THE DIGITAL SKILLS GAP IN EUROPE

- **CHAPTER 2: GREECE and ICTs**
 - ICT JOB MARKET IN GREECE
 - DIRECTION FORECAST FOR GREECE
 - NEW DEMANDS NEW SKILLS

- **CHAPTER 3: RESULTS SECTION OF THE RESEARCH**



Conclusion



- In order to proceed the TF deliverable
 - the deliverable of Smart Job Hub must be completed
 - to use qualitative and quantitative data coming from the job Hub.

- Next steps:
 - Develop the questionnaire
 - Study the ICT sector in Greece and report the statements for the questionnaire.
 - Select the team group that will participate in the Delphi process.



Thank you!

