









Techniques	Descriptive
Patent analysis	Identification of information related to specific technologies, involving patents, inventors, institutions, among others.
SWOT analysis	Analysis of strengths and weaknesses (internal), opportunities and threats (external).
Scenarios	Description of coherent stories about futures.
Roadmaps	They can be used in technology planning, in order to construct the trajectory of a specific field and the development of technological options.
Delphi research	Research that aims the convergence of opinions, ensuring anonymity, interaction and feedback controlled and should have at least two rounds.
Expert panel	It involves the participation of expert groups.
Surveys	It enables to obtain information in the literature or with external expert, mainly when it is not possible to conduct face meetings.
Brainstorming	Technique of idea generation, that can be used in group activities face-to-face or virtual.

Table 1 - Examples of competitive technical intelligence and technological foresight  
 Data based on: Author's elaboration, based on the bibliographic review

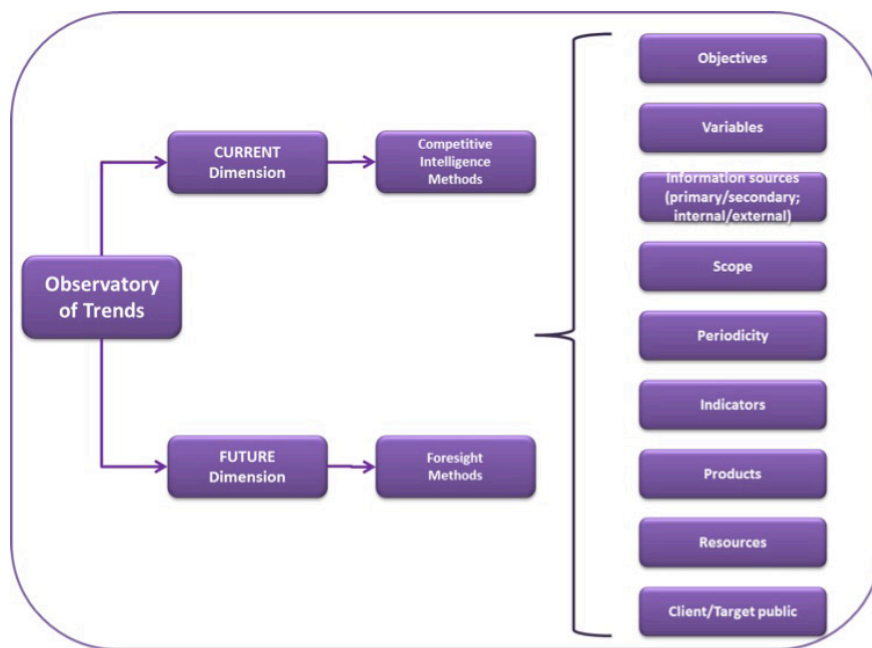


Figure 2. Model of observatory of trends in R&D business centers. Data based on: Parreiras and Antunes (2012)













