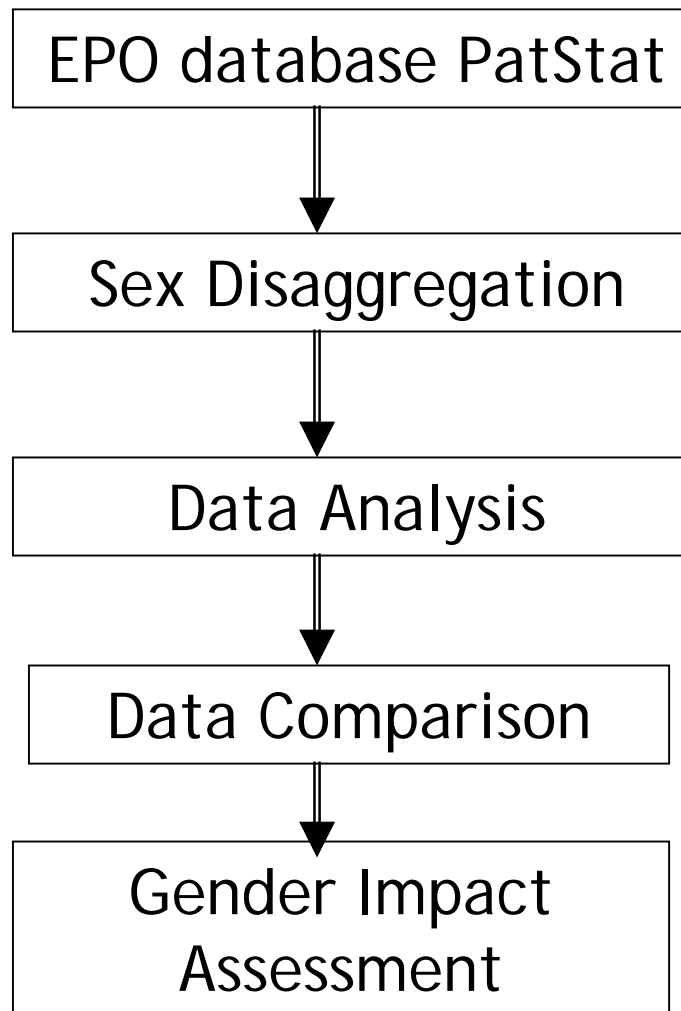




Statistical part





EPO databank production

- ESGI databank contains:
 - patent applications at EPO with inventors from EU 25
 - with priority date 2002, 2003 and 2004
 - applicants and inventors of these applications
- ESGI databank is produced from PATSTAT database, which is available from the European Patent Office (EPO)



Sex disaggregation

The patent application forms at EPO do not include a field for the sex of the applicant, this information has to be found by looking at the first names of the applicants.

- Steps of first name sex-disaggregation:
 - preparation and clearing of database
 - sex-disaggregation will be done
 1. by using a first name database for some countries
 2. and with native speakers



Data Analysis: Methodology by ESGI

ESGI uses a combination of indicators:

- Participation, contribution and total number of inventors: Differences related to the EU member states and patent categories
- Differences related to the **type of applicant**: Global or national player, science or private person
- Differences related to the **year**: A separate analysis will be done for each of the three years
- Differences related to the extent of the intellectual property protection, EU or Euro-PCT (patent cooperation property)



Data Comparison: Objective

Comparison of the statistical results from EPO-data analysis with other studies to detect the current state of participation of women in patent fields and science and technology (S&T). One of the most important objectives is to figure out the differences between the number of women participating in research and development (R&D) and their number in patent fields.



Data Comparison: Objective

- Comparison of ESGI data:
 - to existing data material (Eurostat) concerning the percentage of women working in the fields of S&T
 - with earlier studies in order to analyse the temporal development
 - with the participation of women in patent fields in non-European states (studies from WIPO)



Online Survey

Objective:

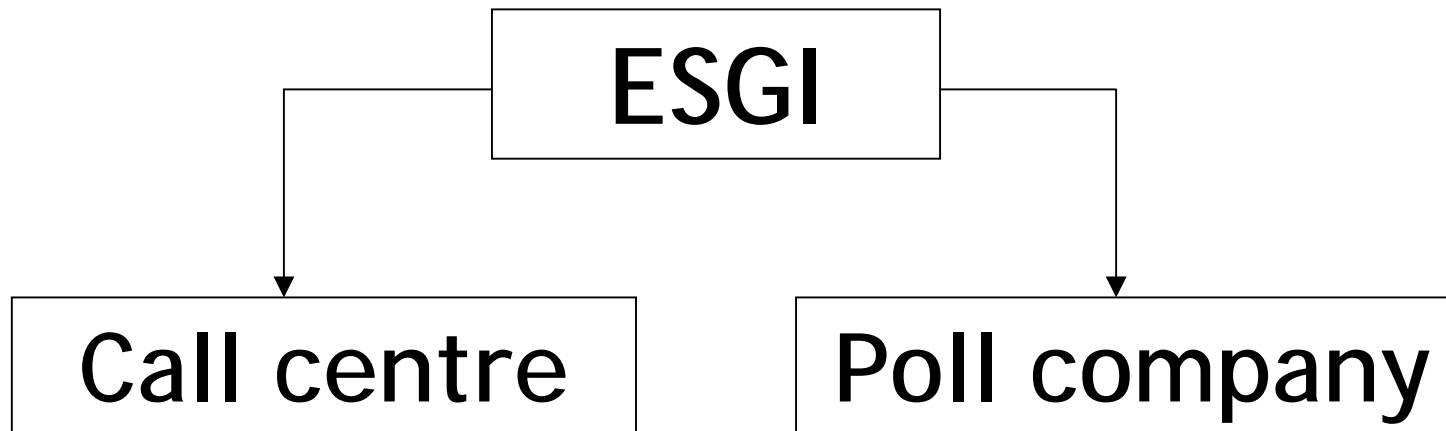
Differentiated insight into current conditions for inventors

⇒ Aim:

- 1.500 returned questionnaires of persons ...
- working in patent application's institutions (firms, research institutes, universities)
- who are responsible for research and development or patent filing

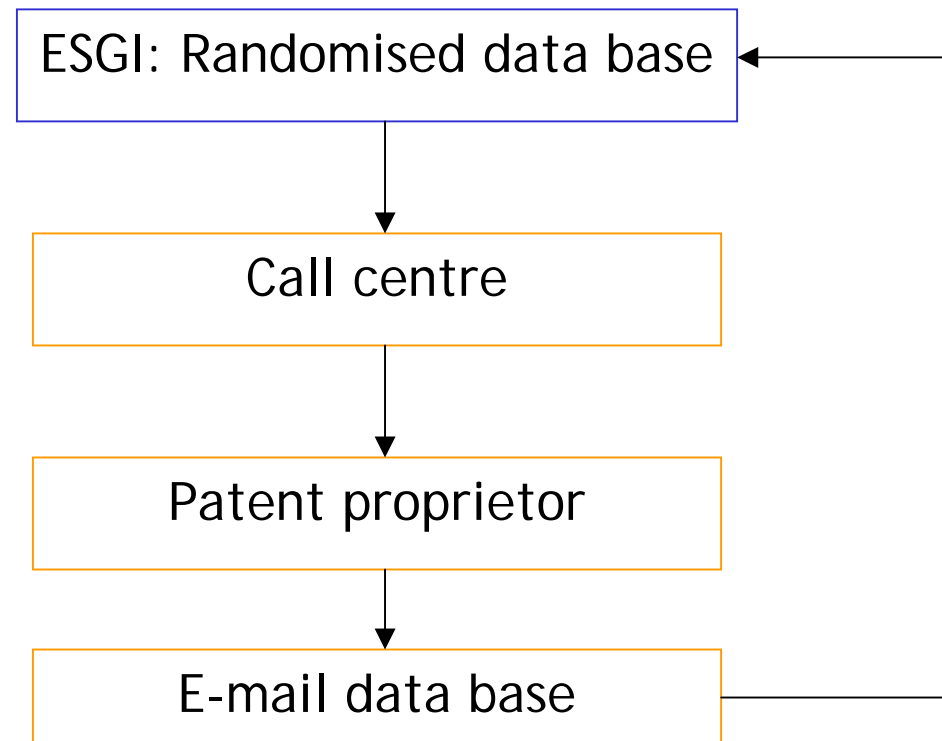


Online Survey: Realisation



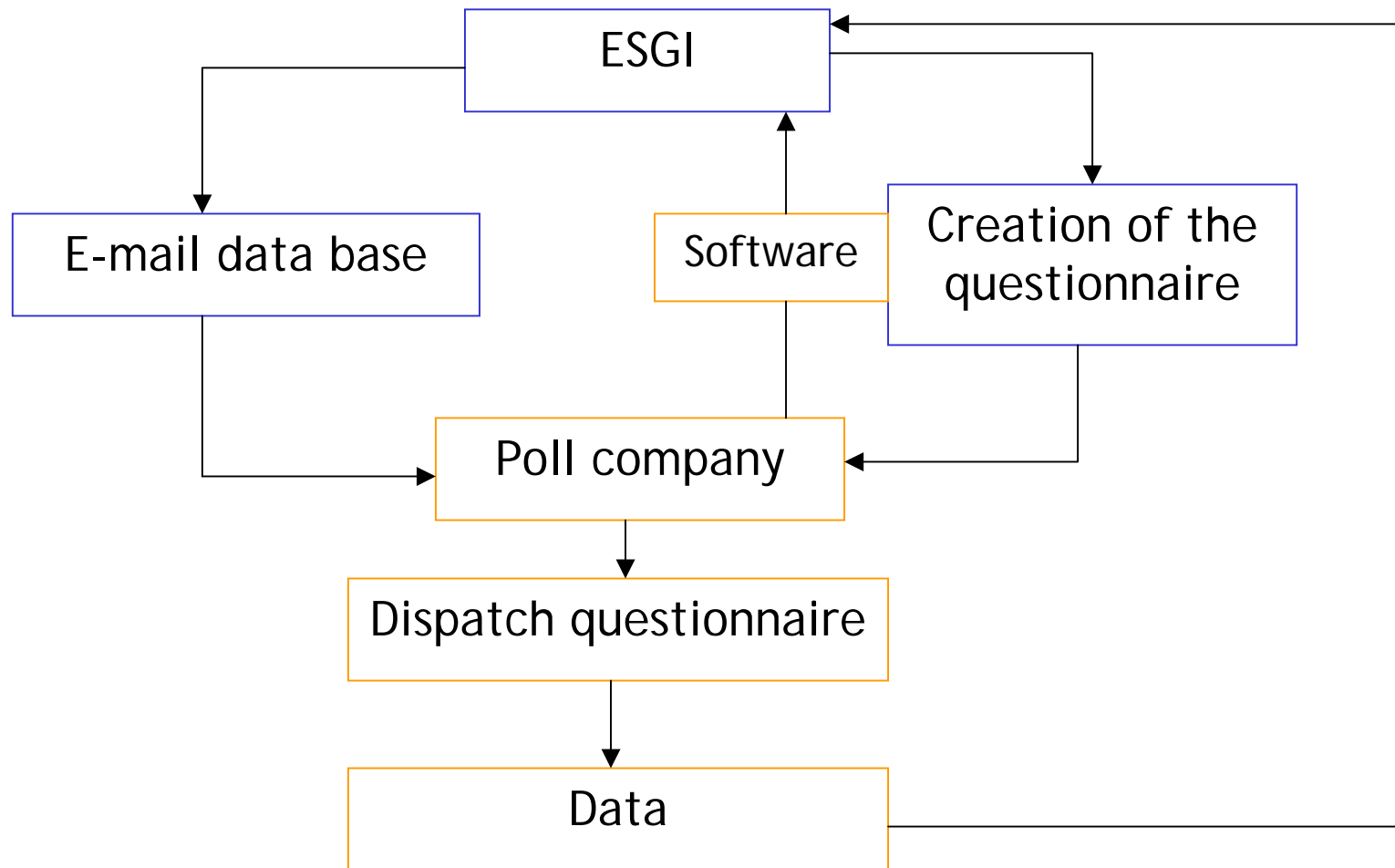


Online survey: call centre





Online survey: Poll company





Gender Impact Assessment (GIA)

Objective:

Identification of a possible gender impact in the field of invention



GIA: Tasks

Combination and interpretation of following results:

- Data analysis and data comparison
 - participation of women as patentees in Europe and its development
 - Women in R&D in Europe
- Online survey
- Identification of best-practise examples



Final report

Objectives:

Development of recommendations for

- the EU to boost gender equality
- the EU Member States to increase their innovation activities by encouraging women in S&T to participate in invention and innovation