



**Project:** SIT2008 - The Italian IT Sector

**Job Title:** Statistician - researcher

**Reference:** 20081

**Grade:** R1 – (1000.00€ FTE x months)

**Comparative evaluation:** Based on educational, academic and professional qualifications and job interview.

We are an equal opportunity employer and we encourage all qualified candidates to apply. Please apply before midnight, Rome time, on: 04/06/2008. To apply, the candidates will send an email to: [mail@economicstatistics.eu](mailto:mail@economicstatistics.eu) and attach the CV.

### ONE OR MORE THREE MONTHS PROJECT POST

We are looking for one or more Statistician(s) to cover the full cycle of statistical activities from sampling, data collection, data management and manipulation to data dissemination for specific statistical subject matters. The person(s) will work under the supervision of the Project Scientific Committee.

### Job Duties

#### 1. Collect and verify data and statistical methodological information

- Collect data from electronic source. Data are collected on electronic media, via electronic transfer of data files; via direct access to external databases; and web-queries. The work involves improving the methods for data collection by extending the use of electronic media or on-line data transfer in order to ensure a regular and timely collection of data;
- Verify the accuracy, coherence and internal consistency of the data and metadata supplied by different source;
- Build and maintain contacts with ESeC project staff and other Institution involved (Assinform, Camera di Commercio di Milano, etc), covering specific economic indicators, with a view to improving data coverage, relevance, availability of methodological information, data transfer and timeliness.

#### 2. Manage and manipulate data and metadata

- Manage databases of relevant economic statistics. Update and maintain the consistency of data when they are rebased or when definitions are modified, and research new data to expand the coverage of the databases;
- Contribute to the on-going development of indicators and to the conversion process include computer based data manipulation such as rebasing, re-weighting and linking series, index calculations, and various other analytical calculations;
- Create and maintain documentation on the sources and methodology and of the methods by which the input data have been processed.

#### 3. User support, drafting and documentation

- Respond to the changing needs by contributing to data and indicators development work;
- Develop and maintain documentation on work procedures covering all aspects of the production cycle.



- Prepare drafts for technical reports and carry out ad hoc tasks such as statistical methodological investigations as required. Keep abreast of work on economic statistics both within and outside the ESeC.

#### 4. Research

- Conduct research that brings together statistical and analytical aspects of sampling theory, business statistics, information technology sector and provides a bridge to other work in the ESeC, for example in the forecast area (re-sampling methods);

#### 5. Meetings and publications

- Lead the preparation and organisation of meetings related to sampling methods, business statistics, information technology sector, etc and in the preparation of publications in these fields.

### Qualifications: education, experience, communication and languages

#### 1. Education and experience

- An advanced university degree in Statistics (a PhD constitutes a clear advantage), and a good knowledge of applied statistics, economics and information technology;
- Experience in the production and/or use of economic statistics including documentation on its sources, definitions, coverage, methodology, reliability and comparability gained in research projects and/or training activities;
- Experience with large computerised databases and with systems to manage those databases and MS Office package and familiarity with current data processing technology.
- Excellent knowledge of and practical experience with statistical and economical data analyses, including knowledge of statistical software packages (SAS).

#### 2. Key competencies

- Knowledge of one or more of the likely subject matters (national accounts, business statistics, sampling theory) and of the definitions and terminology employed in one or more of these domains would be an advantage;
- Ability to draft technical notes and reports, and correspondence on routine statistical matters.

#### 3. Communication and languages

- Good interpersonal and communication skills;
- Demonstrated ability to work well in a team and in a multicultural environment with a minimum of supervision;
- Good knowledge of English language.

Assago, 27 May 2008

ESeC  
The President  
Flavio Verrecchia