



# Producing Official Statistics with Big Data

PROJECT PROPOSAL

# **“Producing Official Statistics with Big Data” – Contest rules**

## **Art. 1**

Within the framework of Istat Commission on Big Data, Istat and Google launch a contest on the use of Big Data to support Official Statistics.

The aim of the Contest is to reward innovative projects related to the use of Big Data sources to observe events of national relevance.

These can be either “new” phenomena, that are not yet included in the Official Statistics offer, or topics that are traditionally already dealt with from a statistical point of view. In the latter case, Big Data sources can play either an auxiliary or substitutive role.

The projects submitted should propose technical solutions related to the use of Big Data.

Possible areas of interests are indicated below (projects may, however, also relate to other areas):

- Well-being indicators to assess social progress; they include not only economic, but also social and environmental indicators, together with indicators on inequality and sustainability.
- Smartness indicators measuring ICT technologies’ contribution to the creation of an ecosystem capable to exploit resources at best and supply integrated and smart services.
- Tourism indicators to improve the information offer in tourism.

The first two areas are included in the category of new phenomena to be studied, while the third area is an example of auxiliary or substituting role of Big Data.

## **Art. 2**

The contest is open to adult subjects (individually or associated in group), on a personal basis or as representative of an organisation.

Each subject individually or associated in group can submit only one project. Each member of a group cannot participate in a project of a different group.

Members of the evaluating commission (or their substitutes) cannot participate in the contest.

Admission to the contest is free.

## **Art. 3**

The present contest Regulation is published on Istat website and promoted by Websites and Organizations whose contents and activities are considered as relevant to the contest.

#### **Art. 4**

Applications should be sent by e-mail to [commissionebigdata@istat.it](mailto:commissionebigdata@istat.it) within 31<sup>st</sup> January 2014.

Project proposals should be submitted by e-mail to [commissionebigdata@istat.it](mailto:commissionebigdata@istat.it) within 30<sup>th</sup> April 2014.

Applications submitted after the specified deadlines will be rejected. Clarifying questions related to the contest can be sent to the following email address [bigdatacontest@istat.it](mailto:bigdatacontest@istat.it)

#### **Art. 5**

The following information should be provided for in the applications to be sent by e-mail:

- Name
- Surname
- E-mail address of the single participating subject or of the reference person for the proposal, if the participating subject is a group.
- Title of the proposal.
- Short abstract (about 100 words).

#### **Art. 6**

Project proposals should be drafted according to the template as specified in Annex 1.

#### **Art. 7**

The contest will be judged by an examining Commission formed by at least three members from [Istat Commission on Big Data](#).

Proposals will be assessed on the basis of three elements:

- Quality, in terms of intrinsic scientific value of the projects.
- Feasibility, in terms of real possibility to implement the proposal.
- Impact of the project with regard to its possible adoption to support Official Statistics.

The following features will be considered as added-value:

- Software prototype experience or detail software prototype projects.
- Proven reduction of dissemination times or production costs while maintaining high quality requisites of statistical information obtained by traditional channels

The use of accessible Big Data sources will also be positively considered.

### **Art. 8**

The examining Commission can also decide by the majority of its members.

### **Art. 9**

The five best projects will be rewarded as provided in Art. 7. Each prize amounts to 1,000 euros and is funded by Google.

If the contest winner is a group, the prize is to be shared among the group members.  
Prizes will be awarded during one or more ceremonies to be organised for the occasion.

### **Art. 10**

Participation in the contest implies total acceptance of the present Regulation.