



## NOTICE OF VACANCY

### SECONDED NATIONAL EXPERTS TO THE EUROPEAN COMMISSION

<b>Post identification:</b> (DG-DIR-UNIT)	<b>ESTAT-DDG-TF.BD</b>
<b>Directorate-General:</b> <b>Directorate:</b> <b>Unit:</b> <b>Head of Unit:</b> <b>Email address:</b> <b>Telephone:</b>  <b>Number of available posts:</b> <b>Category:</b> <b>Suggested taking up duty:</b> <b>Suggested initial duration:</b> <b>Place of secondment:</b>	<b>EUROSTAT</b> <b>Deputy Director General</b> <b>Task Force – Big Data</b> <b>Michail Skaliotis</b> <b>Michail.skaliotis@ec.europa.eu</b> <b>+352 4301 32011</b>  <b>1</b> <b>Administrator (AD)</b> <b>1st quarter 2018<sup>1</sup></b> <b>2 year(s)<sup>1</sup></b> <b>Luxembourg</b>
<b>Specificities</b>	<input checked="" type="checkbox"/> With allowances <input type="checkbox"/> COST-FREE  <b>This vacancy notice is also open to</b> <input type="checkbox"/> the following EFTA countries : <input type="checkbox"/> Iceland <input type="checkbox"/> Liechtenstein <input type="checkbox"/> Norway <input type="checkbox"/> Switzerland <input type="checkbox"/> EFTA-EEA In-Kind agreement (Iceland, Liechtenstein, Norway) <input type="checkbox"/> the following third countries: <input type="checkbox"/> the following intergovernmental organisations:

<b>1</b>	<b>Nature of the tasks:</b>  <p><b>Who we are:</b></p> <p>The Task Force on Big Data (TF-BD) is a small team of highly motivated colleagues, established on 1st January 2014 under the responsibility of the Deputy Director General of Eurostat. The mission of the Task Force is to lead and co-ordinate developments within the ESS (European Statistical System) and the Commission with regard to maximising the potential of Big Data for Official Statistics and evidence-based policy making. This mission is currently being realised through a number of concrete operational objectives, activities and projects in partnership with NSIs, other Commission DGs, international bodies and research institutions. In particular, following the orientations of the <a href="#">Scheveningen Memorandum</a> which was adopted by the ESSC (European Statistical System Committee) on 27 September 2013, we are implementing an ambitious <a href="#">ESS Big Data Action Plan and Roadmap</a> in collaboration with our partner NSIs.</p> <p><b>Main areas of responsibility:</b></p> <p>The Task Force on BigData is looking for a National Expert on Secondment who can contribute to the fulfilment of the overall objectives and the implementation of the TF's work programme, in particular:</p> <ul style="list-style-type: none"> <li>- Contribute to the definition of ESS policies and programmes with regard to the use of Big Data for</li> </ul>
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<sup>1</sup> These mentions are given on an indicative basis only (Art.4 of the SNE Decision).

official statistics.

- Participate in programming, formulating and implementing training courses for European statisticians on the new skills needed to deal with Big Data sources.
- Contribute to the introduction of new measures of quality and accuracy to assess in the ESS statistical figures obtained from Big Data sources.
- Interface with other DGs, Member States, international organisations and other stakeholders on issues related to Big Data uses.
- Participate in research projects aiming at assessing the possibility of producing official statistics in specific fields from particular Big Data sources.

## 2 Main qualifications:

### a) Eligibility criteria

The following eligibility criteria are to be fulfilled by the candidate in order to be seconded to the Commission. Consequently, the candidate who does not fulfil one of them will be automatically eliminated from the selection process.

- Professional experience : at least three years' experience in administrative, legal, scientific, technical, advisory or supervisory functions which can be regarded as equivalent to those of function groups AD;
- Seniority : at least one year by your employer, that is having worked for an eligible employer (as described in Art. 1 of the SNE decision) on a permanent or contract basis for at least 12 months before the secondment;
- Linguistic skills: thorough knowledge of one of the EU languages and a satisfactory knowledge of another EU language to the extent necessary for the performance of the duties. An SNE from a non-member country must produce evidence of a thorough knowledge of one EU language necessary for the performance of his duties.

### b) Selection criteria

#### - Diploma:

The successful candidate should have a University degree in a quantitative discipline, preferably in statistics, mathematics, or data mining, and/or information technologies. A master's or doctoral degree in any of these or related areas would be an asset.

#### - Professional experience:

- The candidate should have proven experience in methodological issues related to the production of official statistics.
- He/she should also have worked in any of the areas related to data science: data mining, data visualization, pattern recognition, machine learning, predictive analytics...
- The candidate should have experience in working with distributed IT environments appropriate for large-scale data (Hadoop, Spark ...) and statistical/data science software (R, RStudio, Python ...). Knowledge of cloud infrastructures (AWS, Azure or IBM Cloud) and IoT technologies would be an asset.
- He/she should be able to work independently as well as to collaborate in a team, with a high level of responsibility and motivation.

#### - Language(s) necessary for the performance of duties:

Very good knowledge of English is necessary and knowledge of further community languages would be an asset.

**3 Submission of applications and selection procedure**

Candidates should send their application according to the **Europass CV format** (<http://europass.cedefop.europa.eu/en/documents/curriculum-vitae>) in English, French or German **only to the Permanent Representation / Diplomatic Mission to the EU of their country**, which will forward the applications to the competent services of the Commission within the deadline fixed by the latter. **Not respecting this procedure or deadlines will automatically invalidate the application.**

**Candidates are required not to add other documents** (such as copy of passport, copy of degrees or certificate of professional experience, etc). If necessary, these will be requested at a later stage.

Candidates will be informed of the follow-up of their application by the unit concerned.

**4 Conditions of the secondment**

The secondment will be governed by the **Commission Decision C(2008)6866 of 12/11/2008** laying down rules on the secondment to the Commission of national experts and national experts in professional training (SNE Decision). This decision is available on [http://ec.europa.eu/civil\\_service/job/sne/index\\_en.htm](http://ec.europa.eu/civil_service/job/sne/index_en.htm).

The SNE will remain employed and remunerated by his/her employer during the secondment. He/she will equally remain covered by the national social security.

Unless for cost-free SNEs, allowances may be granted by the Commission to SNEs fulfilling the conditions provided for in Art. 17 of the SNE decision.

During the secondment, SNEs are subject to confidentiality, loyalty and absence of conflict of interest obligations, as provided for in Art. 6 and 7 of the SNE Decision.

If any document is inexact, incomplete or missing, the secondment may be cancelled.

**5 Processing of personal data**

The selection, secondment and termination of the secondment of a national expert requires the Commission (the competent services of DG HR, DG BUDG, PMO and the DG concerned) to process personal data concerning the person to be seconded, under the responsibility of the Head of Unit of DG HR.B4. The data processing is subject to the SNE Decision as well as the Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data.

Data is kept by the competent services for 10 years after the secondment (2 years for not selected or not seconded experts).

Data subjects may exercise their right of access to data concerning them and the right to rectify such data by applying to the controller, in accordance with Article 13 of the Regulation on the processing of personal data. The candidate may send complaints to the European Data Protection Supervisor [edps@edps.europa.eu](mailto:edps@edps.europa.eu).

To the attention of candidates from third countries: your personal data can be used for necessary checks. More information is available on [http://ec.europa.eu/dgs/personnel\\_administration/security\\_en.htm](http://ec.europa.eu/dgs/personnel_administration/security_en.htm).

Information on data protection for candidates to a JRC post is available on: <http://ec.europa.eu/dgs/jrc/index.cfm?id=6270>.