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| The International Teleocmmunication Union - Connecting the World. | **Union internationale des télécommunications**  **Bureau de la Normalisation des Télécommunications** | |
|  |  | Genève, le 7 décembre 2023 |
| **Réf.:** | **Circulaire TSB 159**  CE 13/TK | **Aux:**  – Administrations des États Membres de l'Union; |
| **Contact:** |  |
| **Tél.:** | +41 22 730 5126 |
| **Télécopie:** | +41 22 730 5853 |
| **Courriel:** | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) | **Copie:**  – Aux Membres du Secteur UIT-T ;  – Aux Associés de l'ITU-T participant aux travaux de la Commission d'études 13;  – Aux Établissements universitaires participant aux travaux de l'UIT;  – Aux Présidents et Vice-Présidents des Commissions d'études;  – Au Directeur du Bureau de développement des télécommunications;  – Au Directeur du Bureau des radiocommunications |
| **Objet:** | **Questionnaire sur les exigences et le cadre pour l'exploitation des technologies Big Data/Intelligence Artificielle dans les pays en développement** | |

Madame, Monsieur,

À sa dernière réunion (Genève, 23 octobre – 3 novembre 2023), la Commission d'études 13 de l'UIT-T (*Réseaux futurs et technologies de réseau émergentes*) est convenue de diffuser le questionnaire sur les exigences et le cadre pour l'exploitation des technologies Big Data/Intelligence Artificielle dans les pays en développement. Ce questionnaire s'adresse aux membres des pays en développement.

Les responsables de l'étude de la Question 5/13 (*Application des réseaux du futur et de l'innovation dans les pays en développement*) confiée à la Commission d'études 13 élaborent actuellement une recommandation sur les exigences et le cadre pour l'exploitation des technologies *Big Data/Intelligence Artificielle dans les pays en développement*. L'analyse des réponses fournies dans le cadre de cette enquête permettra d'appuyer les travaux sur la Question 5/13 en vue d'élaborer la recommandation susmentionnée.

Je vous invite à participer à cette enquête et vous saurais gré de bien vouloir remplir le questionnaire reproduit dans l'**Annexe 1**, au plus tard le **2 février 2024**. Toutefois, pour faciliter la collecte et l'analyse des réponses, nous vous invitons à utiliser la version en ligne du questionnaire, disponible à l'adresse: <https://www.research.net/r/Big-Data-AI-Tech>. Si vous rencontrez des difficultés pour ouvrir la version en ligne, vous pouvez utiliser le formulaire fourni dans l'Annexe 1.

Je tiens à vous remercier par avance de votre participation à cette enquête. Votre avis nous est précieux.

Veuillez agréer, Madame, Monsieur, l'assurance de ma considération distinguée.

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| *(signé)*  Seizo Onoe Directeur du Bureau de la normalisation des télécommunications  **Annexe**: 1 | A qr code with a black and white background  Description automatically generated |

ANNEX 1  
Questionnaire on Requirements and Framework for the exploitation of Big Data/Artificial Intelligence technologies in developing countries

Responder’s information

|  |  |
| --- | --- |
| Country: |  |
| Sector: |  |
| Organization: |  |
| Name: |  |
| Telephone: |  |
| E-Mail: |  |

*Topic*: **Draft new Recommendation ITU-T Y.expBDtech-frame “Requirements and Framework for the exploitation of Big Data/Artificial Intelligence technologies in developing countries”**

*Purpose*: Use the contribution of developing countries to collect useful data on advances in industrialization-oriented applications of artificial intelligence to justify the need to establish requirements and framework for exploitation of Big Data/Artificial Intelligence technologies in developing countries.

*Instructions*: multiple choice questions – just tick the answers that apply to you.

***Part 1: Questions relating to demographic factors***

**Question 1.1:** In your opinion, which gender in your country is more interested in Big Data and Artificial Intelligence technologies? (Please choose only one.)

Male

Female

**Question 1.2:** What age group in your country shows more interest in implementing Artificial Intelligence and exploiting Big Data? (Please choose only one.)

Less than 29 years old;

30 to 44 years old;

45 to 59 years old;

60 to 74 years old;

More than 75 years old.

**Question 1.3**: Which actor(s) in your country are most likely to finance a national strategy for Artificial Intelligence/Big Data? (Please select as appropriate.)

The government;

The regulator;

The private sector;

Civil society;

Other (please specify):………………………………………………

**Question 1.4:** Which actor(s) in your country are most likely to finance initiatives to implement Artificial Intelligence and exploit Big Data? (Please select as appropriate.)

The government;

Universities and/or research institutions

The private sector;

Civil society;

Other (please specify):………………………………………………

**Question 1.5:** In your country, who is/are responsible for building data centers for the purpose of storing, hosting and securing data? (Please select as appropriate.)

The government;

The private sector;

Civil society;

Non-governmental organizations;

Other (please specify):………………………………………………

**Question 1.6**: In your country, what initiatives have been taken by the Government to implement Artificial Intelligence or exploit Big Data? (Please select as appropriate.)

Scientific Research;

Capacity building of qualified people in the field of Big Data/Artificial Intelligence;

Industrialization of Big Data/Artificial Intelligence technologies;

Ethical standards in Big Data/Artificial Intelligence;

Other (please specify):………………………………………………

***Part 2: Questions relating to the subject of the study***

**2.1 The interest of the State**

**Question 2.1.1**: In your country, is the Government putting in place strategies and initiatives to help growth sectors of economy such as agriculture in particular? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.1.2**: Is the Government of your country considering or implementing ICT strategies and initiatives to boost growth sectors of economy such as agriculture, health, tourism, etc.? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.1.3:** Is the Government considering/implementing specific strategies or initiatives in Big Data/Artificial Intelligence in growth sectors of economy such as agriculture, health, tourism, etc.? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

***2.2. The existence and daily use of data centers***

**Question 2.2.1**: Have data centers allowed public administrations and the private sector to store their data locally? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.2.2**: Do agricultural companies that use ICT tools (applications and information systems) to improve their economic return, save their data in national data centers? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.2.3:** Can the data generated by the ICT tools of agricultural companies be used to be processed and analyzed using BigData/Artificial Intelligence technologies in order to prevent situations of national food shortages? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

***2.3. Current status of the legal and regulatory framework***

**Question 2.3.1**: Is there a national legal and regulatory framework for the development of ICTs or innovation in your country? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.3.2**: Is there a specific and national legal and regulatory framework for Artificial Intelligence or Big Data? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.3.3**: Will the national strategy for Big Data or artificial intelligence equip the regulator and the private sector to effectively use these technologies to serve citizens? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

***2.4. State confidence in the usefulness of Big Data/Artificial Intelligence technologies***

**Question 2.4.1**: Does the State grant specific financial and technical resources to companies operating in Big Data/Artificial Intelligence? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.4.2**: Does the State finance training in Big Data and/or Artificial Intelligence? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

**Question 2.4.3**: Does the State fund universities and research institutions in the context of Big Data and/or Artificial Intelligence? (Please choose only one.)

Strongly Disagree;

Disagree;

Neutral;

Agree;

Strongly Agree.

*Thank you for your active participation in this survey!*

If you have questions, please, contact us at [tsbsg13@itu.int](mailto:tsbsg13@itu.int).

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