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| The International Teleocmmunication Union - Connecting the World. | **International telecommunication union****Telecommunication Standardization Bureau** |  |
|  | Geneva, 19 September 2023 |
| **Ref:** | **TSB Circular 132****SG13/TK** | **To:**- Administrations of Member States of the Union;**Copy to:**- ITU-T Sector Members;- ITU-T Associates of Study Group 13;- ITU Academia;- The Chairmen and Vice-Chairmen of Study Groups;- The Director of the Telecommunication; Development Bureau;- The Director of the Radiocommunication Bureau;- Regional Telecommunication Organizations:ATU; APT; CEPT; CITEL; LAS and RCC. |
| **Tel:** | +41 22 730 5126 |
| **Fax:****E-mail:** | +41 22 730 5853tsbsg13@itu.int |
| **Subject:** | **Questionnaire on Data Standardization for New and Emerging Technologies in Developing Countries** |

Dear Sir/Madam,

ITU-T Working Party 3/13 (of Study Group 13 on future networks) at its last meeting (Geneva, 26 July 2023) agreed to disseminate the questionnaire *on Data Standardization for New and Emerging Technologies in Developing Countries.* This questionnaire is targeted at the Members from the Developing Countries.

Study Group 13, Question 5/13 (*Applying Future Networks and innovation in developing countries*), is developing a Recommendation on *Data Standardization for New and Emerging Technologies in Developing Nations.*

The analysis of the results of the survey replies will support the Q5/13 work on the framework for undertaking studies for the standardization of data for new and emerging technologies in developing countries.

I invite you to participate in this survey and would appreciate it if you would complete the questionnaire reproduced in **Annex 1** no later than **1 February 2024**. Please note, however, that for more efficient reply consolidation and analysis we kindly request that the following online version of the questionnaire be used: [https://www.research.net/r/data\_standardization\_emerging\_tech](https://eur03.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.research.net%2Fr%2Fdata_standardization_emerging_tech&data=05%7C01%7Ctsbsg13%40itu.int%7Cd5e0ed1dc3ab4bf97ad008db8f53a132%7C23e464d704e64b87913c24bd89219fd3%7C0%7C0%7C638261361581176482%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=E6K18pWinlOPCsUBiVso2GTfTXeM7RKaad7PiGiZQEo%3D&reserved=0). The form in Annex 1 could be used in case there are difficulties in using the online one.

I wish to thank you in advance for your participation in this survey. We value your opinion.

Standardization Bureau

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| Yours faithfully,Seizo OnoeDirector of the TelecommunicationStandardization Bureau | A qr code with black and white squares  Description automatically generated |

**Annex:** 1

**Annex : Questionnaire on Data**

**Standardization for New and Emerging Technologies in Developing Countries**

Responder’s information

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

1. Are you undertaking any project/research on new and emerging technologies?

 [ ]  Yes

 [ ]  No

1. If “Yes” above, are you the main researcher?

 [ ]  Yes

 [ ]  No

1. What field/area of new and emerging technologies is this project? (examples:

 Internet of Things, Artificial Intelligence, Machine Learning, Fixed Satellite

 Services, IMT-2020, any other relevant areas)

1. Is this project data dependent?

 [ ]  Yes

 [ ]  No

1. Is the data local?

[ ]  Yes

[ ]  No

1. Kindly provide a brief description of the data?

1. What is the source of the data?

 *Check all that apply.*

[ ]  Collected locally

 [ ]  Open source data

 [ ]  Paid access data

1. Is the data self-identifiable?

 [ ]  Yes

 [ ]  No

1. Has this data been anonymized?

 [ ]  Yes

 [ ]  No

1. How much of the country's/locality's demographics (gender, tribes, languages,
 accents and environmental data) are contained in it?

[ ]  10 - 30%

 [ ]  30 - 50%

 [ ]  50 - 75%

 [ ]  75 - 100%

1. What challenges were encountered when sourcing/collecting the data?

1. How were these challenges mitigated?

1. Was any data cleaning/normalization conducted?

 [ ]  Yes

 [ ]  No

1. What software was used to perform the data cleaning/normalization?

1. What methodology was used for the data cleaning/normalization?

1. Does the system, developed with the data, work for a specific locality or is applicable
 generally?

1. Can you share information about the outputs/results, obtained from the
 experiments, conducted using the data? Note: This relates to what the data was
 used for.

☐ Yes

☐ No

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

If you have questions, please, contact us at tsbsg13@itu.int.

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