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| **MINISTRY OF INFORMATION AND COMMUNICATIONS**  No.885/QD-BTTTT | **SOCIALIST REPUBLIC OF VIETNAM**  **Independence - Freedom - Happiness**  *Hanoi, May, 25th, 2023* |

**DECISION**

**Issue Index of evaluation criteria on**

**Digital Infrastructure Development of provinces and central cities**

**MINISTER OF INFORMATION AND COMMUNICATIONS**

*Pursuant to Decree No.48/2022/ND-CP dated July, 26th, 2022 of the Government regulating the functions, tasks, powers and organizational structure of the Ministry of Information and Communications;*

*At the request of the Authority of Telecommunications.*

**DECIDE:**

**Article 1.** Promulgate an index of criteria for evaluating digital infrastructure development of provinces and centrally run cities (hereinafter abbreviated as DII Digital Infrastructure Index) attached to this Decision.

**Article 2.** Structure of the DII

1. The DII is determined with 24 component criteria, divided into 6 groups of criteria, including:

* Plan to promote and support digital infrastructure development;
* Broadband telecommunications infrastructure;
* Cloud computing infrastructure;
* Digital technology infrastructure;
* Digital platform;
* Use telecommunications services.

1. The criteria are specified in the Appendix issued with this Decision.

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**Article 3.** Evaluation order

Step 1: The Departments of Information and Communications of the provinces and centrally run cities report local results of implementing a number of criteria in the DII according to the guidance of the Authority of Telecommunications.

Step 2: The Authority of Telecommunications collects and sends the first assessment results to the Departments of Information and Communications to confirm the assessment results or give comments on the first assessment results for their localities.

Step 3: Based on the written confirmation or comments on the first assessment results of the Departments of Information and Communications, the Authority of Telecommunications evaluates the results for the second time and reports to the leadership of the Ministry of Information and Communications for consideration and approve the results in ranking of the digital infrastructure development of provinces and centrally run cities.

**Article 4.** Implementation organization

1. The Authority of Telecommunications
2. Organize and coordinate with relevant units to organize and guide the implementation of the DII.
3. Annually organize data collection and announce the results of implementing the DII of localities.
4. Organize and coordinate with relevant units to review the content of the DII to submit to the Ministry of Information and Communications for consideration and decision on adjustments and supplements to suit actual conditions.
5. Provide the Departments of Information and Communications of provinces and centrally run cities with data monitored by the Authority of Telecommunications to serve the assessment and ranking of local digital infrastructure development.
6. Develop software to evaluate and rank digital infrastructure development and share data with localities.
7. Departments of Information and Communications
8. Advise the People's Committees of provinces and centrally run cities in implementing tasks in digital infrastructure development to improve the locality's ranking according to the DII.
9. Coordinate with the Authority of Telecommunications to evaluate the local DII.

**Article 5.** Chief of Office, Director of the Authority of Telecommunications, Heads of agencies and units under the Ministry, Directors of the Departments of Information and Communications of provinces and centrally run cities and relevant agencies, units and individuals are responsible for implementing this Decision./.

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| ***Recipients:***   * As Article 5; * Minister (to report); * Deputy Ministers; * Ministry's Electronic Information Portal; * Save: VT, CVT. | **ON BEHALF OF THE MINISTER**  **DEPUTY MINISTER**  (signed and sealed)    **Pham Duc Long** |

**APPENDIX**

**INDEX FOR ASSESSMENT OF DIGITAL INFRASTRUCTURE DEVELOPMENT OF PROVINCES AND CENTRAL CITIES**

*(Issued together with Decision No.885/QD-BTTTT dated May, 25th, 2023 of the Minister of Information and Communications)*

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| **No** | **Criteria/Component Criteria** | **Maximum point** | **Evaluation/collecting unit** | | | **How to determine and calculate points** | **Verification documents** | **Source of data collection** |
|  |  |  | *Department of Information and Communications*  *self assessment* | *Department of General Telecommunications,*  *Evaluate* | *Points achieved* |  |  |  |
| **I** | **Plan to promote and support digital infrastructure development** | **80** |  |  |  |  |  |  |
| 1 | Issue the Provincial/City Digital Infrastructure Development Plan according to the guidance of the Authority of Telecommunications | 35 |  |  |  | * Issued: Maximum point * Not yet issued: 0 point | Literature copy,  talent Whetherprove | Provided by provinces and cities |
| 2 | Issue a Plan to resolve difficulties in deploying digital infrastructure locally | 15 |  |  |  | * Issued: Maximum score * Not yet issued: 0 point | Literature copy,  talent Whetherprove | Provided by provinces and cities |
| 3 | Issue a Plan to support poor, near-poor households, social policy families and policy beneficiaries to have at least 1 smart device (through the Universal Telecommunication Service Provision Program). | 15 |  |  |  | * Issued: Maximum point * Not yet issued: 0 point | Literature copy,  talent Whetherprove | Provided by provinces and cities |

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| 4 | Issue a plan to disseminate, guide and propagate the transition to using smartphones and digital platforms | 15 |  |  |  | * Yes: maximum point;   - No: 0 point |  | Provided by provinces and cities |
| **II** | **Broadband telecommunications infrastructure** | **60** |  |  |  |  |  |  |
| 1 | Percentage of villages covered with broadband mobile coverage | 10 |  |  |  | a = Number of villages and hamlets covered with mobile broadband coverage in the province, city;  b = Total number of villages in the province, city;  - Point = a/b\*Maximum point |  | Provided by provinces and cities |
| 2 | Percentage of villages covered with fixed broadband (FTTH fiber optic cable) | 10 |  |  |  | a = Number of villages and hamlets covered with fixed broadband coverage in the province, city;  b = Total number of villages in the province, city;  - Point = a/b\*Maximum point |  | Provided by provinces and cities |
| 3 | Percentage of BTS location sharing | 10 |  |  |  | a = Number of shared BTS locations;  b = Total number of BTS locations in the province and city;   * Shared ratio=a/b * Point = in the top 10 provinces: 10 points; top 30: 8 points; top 50: 5 points; remaining group: 3 points |  | Provided by provinces and cities |

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| 4 | Percentage of cable poles sharing | 10 |  |  |  | a = Number of cable poles commonly used in the province, city;  b = Total number of cable poles of the province, city;   * Shared ratio =a/b * Point = in the top 10 provinces: 10 points; top   30: 8 points; top 50: 5 points; remaining group: 3 points |  | Provided by provinces and cities |
|  | *Among providers* |  |  |  |  |  |  |  |
|  | *Inter-sector (with transportation, electricity,*  *lighting, construction...)* |  |  |  |  |  |  |  |
| 5 | Percentage of sewers and cable tanks sharing | 10 |  |  |  | a = Number of shared telecommunications cable sewers and tanks in the province, city;  b = Total number of telecommunication cable sewers and tanks in the province, city;   * Shared ratio =a/b * Point = in the top 10 provinces: 10 points; top 30: 8 points; top 50: 5 points; remaining group: 3 points |  | Provided by provinces and cities |
|  | *Among providers* |  |  |  |  |  |  |  |
|  | *Inter-sector (with transportation, electricity,*  *lighting, construction...)* |  |  |  |  |  |  |  |

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| 6 | Percentage of commune-level People's Committees connecting to specialized data transmission networks | 10 |  |  |  | a = Number of commune-level People's Committees of provinces and cities connecting to the specialized data transmission network;  b = Total number of commune-level People's Committees  - Ratio=a/b   * Point=Rate\*Maximum point |  | Authority of Central Posts |
| **III** | **Cloud computing infrastructure** | **20** |  |  |  |  |  |  |
| 1 | Percentage of provincial-level shared information systems using cloud computing services | 20 |  |  |  | a = Number of provincial-level shared information systems using cloud computing services;  b = Number of provincial-level shared information systems of provinces and cities;  - Ratio=a/b  - Point=Rate\*Maximum point |  | Provided by provinces and cities |
| **IV** | **Digital technology infrastructure** | **30** |  |  |  |  |  |  |
| 1 | Using AI technology as a service in local digital transformation  direction | 10 |  |  |  | Yes: Maximum point;  No: 0 point | *Proved documents* | Provided by provinces and cities |
| 2 | Using Blockchain technology as a service in local digital transformation | 10 |  |  |  | Yes: Maximum point;  No: 0 point | *Proved documents* | Provided by provinces and cities |

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| 3 | Using IoT technology as a service in local digital transformation | 10 |  |  |  | Yes: Maximum point;  No: 0 point | *Proved documents* | Provided by provinces and cities |
| **V** | **Digital platform** | **20** |  |  |  |  |  |  |
| 1 | Number of deployed digital platforms | 20 |  |  |  | * a = Number of deployed digital platform; * b = Minimum number of digital platforms according to requirement category1; * Ratio=a/b; * Points=Rate\*1/2\*Maximum points |  |  |
| **VI** | **Use telecommunications services** | **90** |  |  |  |  |  | *Authority of Telecommunications* |
| 1 | Number of mobile broadband subscribers (BRDD)/100 people | 10 |  |  |  | a = total number of BRDD in the province, city;  b = Total population in the province, city;   * Ratio=a/b; * Point=Rate\*Maximum point |  |  |
| 2 | Percentage of smartphone subscribers (SMP)/total mobile phone subscribers | 10 |  |  |  | a = total number of subscribers using SMP in the province, city;  b = total number of mobile phone subscribers in the province, city |  |  |

1 *List of digital platforms on request: 1) Local Government Service platform (LGSP); 2) Centralized data analysis and processing platform; 3) Unified digital management platform of the province, city to serve the direction, administration and internal management of state agencies; 4) Online meeting platform; 5) Online monitoring platform for state management; 6) Virtual assistant platform for people and businesses; 7) Virtual assistant platform for civil servants and public employees*

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|  |  |  |  |  |  | * Ratio=a/b; * Point=Rate\*Maximum point |  |  |
| 3 | Percentage of Internet users | 10 |  |  |  | a = total number of Internet users in the province, city;  b = total population of province, city;   * Ratio=a/b; * Point=Rate\*Maximum point |  |  |
| 4 | Number of fixed broadband subscribers (BRCD)/100 people | 10 |  |  |  | a = total number of BRCD's subscribers of the province, city;  b = total population of province, city;   * Ratio=a/b; * Point=Rate\*Maximum point |  |  |
| 5 | Percentage of households with fiber optic broadband Internet access | 10 |  |  |  | a = Number of households with fiber optic broadband Internet access;  b = total number of households of the province, city;   * Ratio=a/b; * Point = Rate\*Maximum point |  |  |
| 6 | Percentage of adults owning smartphones | 10 |  |  |  | a = Number of adults owning smartphones;  b = total adults (over 14 years old) of the province, city;   * Ratio=a/b; * Point=Rate\*Maximum point |  |  |

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| 7 | Percentage of households having Internet access (BRCD or BRDD) | 10 |  |  |  | a = number of households with Internet access in the province, city;  b = Total number of households in the Province, city;   * Ratio=a/b;   - Point=Rate\*Maximum point |  |  |
| 8 | BRDD speed (4G) | 10 |  |  |  | BRDD 4G speed of the province, city (according to Ispeed);  - Point = in the top 10 provinces: 10 points; top 30: 8 points; top 50: 5 points; remaining group: 3 points |  |  |
| 9 | BRCD speed | 10 |  |  |  | BRCD speed of the province, city (according to Ispeed);  - Point = in top 10 provinces: 10 points; top  30: 8 points; top 50: 5 points; remaining group: 3 points |  |  |