



REGENT SUKOHARJO
PROVINCE OF CENTRAL JAVA
SUKOHARJO REGENCY REGULATIONS
NUMBER 24 OF 2023

ABOUT

AMENDMENTS TO REGENT REGULATION NUMBER 34 OF 2022 CONCERNING
ELECTRONIC GOVERNMENT SYSTEM PLAN MAP

BY THE GRACE OF GOD ALMIGHTY

REGENT SUKOHARJO,

Considering:

- a. that to implement the provisions of Article 6 paragraph (9) Sukoharjo Regency Regional Regulation Number 2 of 2022 concerning Electronic-Based Government Systems has been stipulated by Regent Regulation Number 34 of 2022 concerning Plan Map for Electronic-Based Government Systems;
- b. that based on the provisions of Article 6 paragraph (1) letter b Regional Regulation Number 2 of 2022 concerning Electronic-Based Government Systems, the Regional Government Electronic-Based Government System Plan Map is prepared based on the Regional Government Electronic-Based Government System Architecture;
- c. that with the stipulation of Regent Regulation Number 59 of 2022 concerning Electronic-Based Government System Architecture, Regent Regulation Number 34 of 2022 concerning Electronic-Based Government System Plan Map, needs to be amended;
- d. that based on the considerations as intended in letters a, b, and c, it is necessary to stipulate a Regent's Regulation concerning Amendments to Regent's Regulation Number 34 of 2022 concerning Electronic-Based Government System Plan Map;

Remember :

1. Law Number 13 of 1950 concerning the Establishment of Regency Regions within the Province of Central Java as amended by Law Number 9 of 1965 concerning the Establishment of the Batang Level II Region by amending Law No. 13 of 1950 concerning the Establishment of Regency Regions within the Province of Central Java (State Gazette of 1965 Number 52, Supplement to State Gazette Number 2757);

2. Law Number 11 of 2008 concerning Information and Electronic Transactions (State Gazette of the Republic of Indonesia of 2008 Number 58, Supplement to State Gazette of the Republic of Indonesia Number 4843) as amended by Law Number 19 of 2016 concerning Amendments to Law Number 11 of 2008 concerning Information and Electronic Transactions (State Gazette of the Republic of Indonesia of 2016 Number 251, Supplement to the State Gazette of the Republic of Indonesia Number 5952);
3. Law Number 14 of 2008 concerning Openness of Public Information (State Gazette of the Republic of Indonesia of 2008 Number 61, Supplement to State Gazette of the Republic of Indonesia Number 4846);
4. Law Number 25 of 2009 concerning Public Services (State Gazette of the Republic of Indonesia of 2009 Number 112, Supplement to State Gazette of the Republic of Indonesia Number 5038);
5. Law Number 23 of 2014 concerning Regional Government (State Gazette of the Republic of Indonesia of 2014 Number 244, Supplement to State Gazette of the Republic of Indonesia Number 5587) as amended several times, most recently by Law Number 6 of 2023 concerning Determination of Government Regulations in Lieu of Laws Law Number 2 of 2022 concerning Job Creation becomes Law (State Gazette of the Republic of Indonesia of 2023 Number 41, Supplement to State Gazette of the Republic of Indonesia Number 6856);
6. Law Number 30 of 2014 concerning Government Administration (State Gazette of the Republic of Indonesia of 2014 Number 292, Supplement to the State Gazette of the Republic of Indonesia Number 5601);
7. Government Regulation Number 71 of 2019 concerning Implementation of Electronic Systems and Transactions (State Gazette of the Republic of Indonesia of 2019 Number 185, Supplement to State Gazette of the Republic of Indonesia Number 6400);
8. Presidential Regulation Number 95 of 2018 concerning Electronic-Based Government Systems (State Gazette of the Republic of Indonesia of 2018 Number 182);
9. Presidential Regulation Number 39 of 2019 concerning One Indonesian Data (State Gazette of the Republic of Indonesia of 2019 Number 112);

10. Sukoharjo Regency Regional Regulation Number 12 of 2016 concerning the Formation and Structure of Regional Apparatus (2016 Regional Gazette Number 12, Supplement to Regional Gazette Number 236) as amended by Regional Regulation Number 7 of 2022 concerning Amendments to Regional Regulation Number 12 of 2016 concerning Formation and Structure of Regional Apparatus (2022 Sukoharjo Regency Regional Gazette Number 7, Supplement to Sukoharjo Regency Regional Gazette Number 307);
11. Sukoharjo Regency Regional Regulation Number 2 of 2022 concerning Electronic-Based Government Systems (Sukoharjo Regency Regional Gazette of 2022 Number 2, Supplement to Sukoharjo Regency Regional Gazette Number 303);
12. Sukoharjo Regent Regulation Number 34 of 2022 concerning Electronic-Based Government System Plan Map (Sukoharjo Regency Regional Gazette of 2022 Number 34);

DECIDE:

To stipulate: REGENT'S REGULATION CONCERNING AMENDMENTS TO REGENT'S REGULATION NUMBER 34 OF 2022 CONCERNING ELECTRONIC-BASED GOVERNMENT SYSTEM PLAN MAP.

Article I

Several provisions in Regent Regulation Number 34 of 2022 concerning Map-Based Government System Plans Electronic (Sukoharjo Regency Regional News 2022 Number 34) is amended as follows:

1. The provisions of paragraph (1) of Article 5 are amended to read as follows:

Article 5

- (1) The SPBE Plan Map as intended in Article 3 is prepared systematically as follows:
 - a. Chapter I Introduction;
 - b. chapter II SPBE Initiative Portfolio;
 - c. chapter III SPBE Implementation Plan Map; And
 - d. chapter IV Closing.

(2) Further explanation of the systematics of the SPBE Plan Map as intended in paragraph (1) is contained in the Attachment which is an inseparable part of this Regent's Regulation.

2. Regent's Attachment Provisions Number 34 of 2022 concerning The Electronic-Based Government System Plan Map is amended so that it is as stated in the Attachment which is an inseparable part of this Regent's Regulation.

Article II

This Regent's Regulation comes into force on the date of promulgation.

So that everyone is aware, this Regulation is ordered to be promulgated by placing it in the Regional Gazette of Sukoharjo Regency.

Set in Sukoharjo
on July 10, 2023

REGENT SUKOHARJO,

signed.

ETIK SURYANI

Promulgated in Sukoharjo
on July 10, 2023

REGIONAL SECRETARY
SUKOHARJO DISTRICT,

signed.

WIDODO

REGIONAL NEWS SUKOHARJO DISTRICT
YEAR 2023 NUMBER 24

The copy corresponds to the original
HEAD OF LEGAL SECTION,



ATTACHED TO THE ORIGINAL COPY OF THE REGULATION
TEGUH PRAMONO, SH, MH
SUKOHARJO DISTRICT REGENT'S REGULATION
NUMBER 24 OF 2023
NP 19710429199803 1 003

ATTACHMENT
SUKOHARJO REGENCY REGULATIONS
NUMBER 24 OF 2023
ABOUT
AMENDMENT TO REGENT REGULATION NUMBER
34 OF 2022 CONCERNING MAP PLANS
BASED GOVERNMENT SYSTEM
ELECTRONIC

ELECTRONIC GOVERNMENT SYSTEM PLAN MAP

PIG
INTRODUCTION

In 2022, Regional Regulation Number 2 of 2022 concerning Electronic-Based Government Systems has been promulgated. This regional regulation provides a strong legal umbrella for electronic-based governance in Sukoharjo Regency. The essence of this Regional Regulation is the maturity of the use of Information and Communication Technology (ICT) in government to the level of integration. Where integration starts from between Regional Apparatus to between regional governments and to the central government.

As a derivative of the SPBE Regional Regulation, Regent Regulation Number 59 of 2022 concerning SPBE Architecture has been prepared as a basic framework that describes the integration of business processes, data and information, SPBE infrastructure, SPBE applications and SPBE security to produce integrated SPBE services. The SPBE Architecture contains 2 components, namely the Reference Architecture and the SPBE Architecture Domain which covers business processes, data and information, SPBE infrastructure, SPBE applications and SPBE security.

To provide an overview and direction for the implementation of SPBE planning as stated in the SPBE Architecture, it is necessary to prepare an SPBE Plan Map as a document that describes the direction and steps for integrated SPBE readiness and implementation.

It is hoped that the preparation of the Sukoharjo Regency SPBE Plan Map will provide an overview and direction for the Sukoharjo Regency Government in developing an Electronic-Based Government System (SPBE).

The SPBE Plan Map document is expected to reduce the risk of project failure due to less focused achievement of targets, provide control over SPBE development so that partial solutions that are not synergistic can be avoided, provide solutions in system integration so that duplication of work, data duplication and data inaccuracy can be avoided.

CHAPTER II
SPBE INITIATIVE PORTFOLIO

A. Governance

1. SPBE Coordination Team Policy

Table 2.1. SPBE Coordination Team Policy Work Program

Description	: Preparation of the SPBE Coordination Team Policy to regulate the implementation of the SPBE Coordination Team.
Details	: Preparation of SPBE Coordination Team Policy Implementation of SPBE Coordination Team Policy Coordination Team Policy Review and Follow-up SPBE
Indicator Achievement	: 1. Availability of SPBE implementation policy which includes SPBE Coordination Team policy indicators 2. The SPBE Coordination Team policy is evaluated periodically at least once a year 3. Update the SPBE Coordination Team policy when there are changes to internal or central regulations
Executor: Communication and Informatics Service, Agency Staffing and Resource Development Human and Legal Department	
Implementation: 2023-2026	
Note: The SPBE Coordination Team policy is prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 1.	

2. One Data Forum Policy

Table 2.2. One Data Forum Policy Work Program

Description	: Preparation of the One Data Forum Policy, to regulate the implementation of the One Data Forum.
Details	: Preparation of the One Data Forum Policy Implementation of the One Data Forum Policy Review and Follow-up to One Data Forum Policy
Indicator Achievement	: 1. Availability of SPBE implementation policy which includes One Data Forum policy indicators. 2. The One Data Forum policy <i>is evaluated</i> periodically at least once a year 3. Update the One Data Forum policy when there are changes to internal or central regulations

Executor: Communication and Informatics Service, Agency Development Planning, Research and Innovation Region and Legal Department
Implementation: 2023-2026
Note: The One Data Forum policy is prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 2.

3. SPBE Architecture Policy

Table 2.3. SPBE Architectural Policy Work Program

Description	: Preparation of SPBE Architecture Policy for managing the implementation of the SPBE Architecture.
Details	: Preparation of SPBE Architecture Policy Implementation of SPBE Architecture Policy Review and Follow-up to SPBE Architectural Policy
Indicator Achievement	: 1. Availability of SPBE implementation policy which includes SPBE Architecture policy indicators. 2. SPBE Architecture Policy <i>is evaluated</i> periodically at least once a year 3. Update the SPBE Architecture policy when there are changes to internal or central regulations
Executor: Communication and Informatics Service and Division Law	
Implementation: 2023-2026	
Note: The SPBE Architecture Policy was prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 3.	

4. SPBE Plan Map Policy

Table 2.4. SPBE Plan Map Policy Work Program

Description	: Preparation of the SPBE Plan Map Policy to regulate the implementation of the SPBE Plan Map.
Details	: Preparation of SPBE Plan Map Policy Implementation of the SPBE Plan Map Policy Review and Follow-up on Plan Map Policy SPBE
Indicator Achievement	: 1. Availability of SPBE implementation policy which includes SPBE Plan Map policy indicators. 2. The SPBE Plan Map Policy is evaluated periodically at least once a year

		3. Update the SPBE Plan Map policy when there are changes to internal or central regulations
Executor:	Communication and Informatics Service and Division Law	
Implementation:	2023-2026	
Note:	The SPBE Plan Map Policy was prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 4.	

5. Data Management Policy

Table 2.5. Data Management Policy Work Program

Description	:	Preparation of Data Management Policy to regulate the implementation of Data Management.
Details	:	Preparation of Data Management Policy Implementation of Data Management Policy Data Management Policy Review and Follow-up
Indicator Achievement	:	1. Availability of SPBE implementation policy which includes Data Management policy indicators. 2. Data Management Policy is evaluated periodically at least once a year 3. Update Data Management policies when there are changes to internal or central regulations
Executor:	Communication and Informatics Service, Agency Development Planning, Research and Innovation Region and Legal Department	
Implementation:	2023-2026	
Note:	The SPBE Data Management Policy is prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 5.	

6. SPBE Application Development Policy

Table 2.6. SPBE Application Development Policy Work Program

Description	:	Preparation of SPBE Application Development Policy to regulate the implementation of SPBE Application Development.
Details	:	Preparation of SPBE Application Development Policy Implementation of Application Development Policy SPBE Development Policy Review and Follow-up SPBE application

Indicator Achievement	: 1. Availability of SPBE implementation policy which includes SPBE Application Development policy indicators. 2. The SPBE Application Development Policy is evaluated periodically at least once a year 3. Update the SPBE Application Development policy when there are changes to internal or central regulations
Executor: Communication and Informatics Service and Division	Law
Implementation: 2023-2026	
Note: The SPBE Application Development Policy is prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 6.	

7. Intra-Government Network Services Policy

Table 2.7. Intra-Government Network Service Policy Work Program

Description	: Preparation of Intra-Government Network Service Policy to regulate the implementation of Intra-Government Network Services.
Details	: Preparation of Intra Network Service Policy Government Implementation of Intra Network Service Policy Government Service Policy Review and Follow-up Intra-Government Network
Indicator Achievement	: 1. Availability of SPBE implementation policy which includes Intra-Government Network Service policy indicators. 2. The Intra-Government Network Service Policy <i>is evaluated</i> periodically at least once a year 3. Update the Intra-Government Network Service policy when there are changes to internal or central regulations
Executor: Communication and Informatics Service and Division	Law
Implementation: 2023-2026	
Note: The Intra-Government Network Service Policy is prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 7.	

8. Internal Policy for Use of the Service Connecting System
Government

Table 2.8. Internal Policy Work Program for Use of Government Service Liaison Systems

Description	: Preparation of Internal Policy for the Use of the Government Service Liaison System to regulate the implementation of the Use of the Regional Government Service Liaison System.
Details	: Preparation of Internal Policy for System Use Government Services Liaison Implementation of Internal System Use Policies Government Services Liaison Internal Policy Review and Follow-up Use of the Service Connecting System Government
Indicator Achievement	: 1. Availability of a SPBE implementation policy that includes internal policy indicators for the Use of the Government Service Linkage System. 2. Internal policies for the use of the Government Service Liaison System are evaluated periodically at least once a year 3. Update internal policies for the use of the Government Service Liaison System when there are changes to internal or central regulations
Executor:	Communication and Informatics Service and Division Law
Implementation:	2023-2026
Note:	Internal Policy for the Use of the Government Service Liaison System is prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 8.

9. Internal Information Security Management Policy

Table 2.9. Information Security Management Internal Policy Work Program

Description	: Preparation of Internal Information Security Management Policy to regulate the implementation of Information Security Management.
Details	: Preparation of Internal Management Policies Information Security Implementation of Internal Management Policies Information Security Internal Policy Review and Follow-up Information Security Management

Indicator Achievement	: 1. Availability of SPBE implementation policy which includes Internal Information Security Management policy indicators 2. Internal Information Security Management Policy <i>is evaluated</i> periodically at least once a year 3. Update internal Information Security Management policies when there are changes to internal or central regulations
Executor:	Communication and Informatics Service and Division Law
Implementation:	2023-2026
Note:	The Internal Information Security Management Policy is prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 9.

10. Information and Communication Technology Audit Policy

Table 2.10. Information and Communication Technology Audit Policy Work Program

Description	: Preparation of Information and Communication Technology Audit Policy to regulate the implementation of Information and Communication Technology Audit.
Details	: Preparation of Information and Communication Technology Audit Policy Implementation of Information and Communication Technology Audit Policy Review and Follow-up of Technology Audit Policy Information and Communication
Indicator Achievement	: 1. Availability of SPBE implementation policy which includes Information and Communication Technology Audit policy indicators. 2. The Information and Communication Technology Audit Policy is evaluated periodically at least once a year 3. Update the Information and Communication Technology Audit policy when there are changes to internal or central regulations
Executor:	Communication and Informatics Service and Division Law
Implementation:	2023-2026
Note:	The Information and Communication Technology Audit Policy is prepared by adapting the mandatory requirements in the SPBE evaluation nomenclature for indicator 10.

11. Establishment of SPBE Committee/Forum

Table 2.11. Work Program for the Establishment of SPBE Committees / Forums

Description	: Forming a SPBE management Committee/Forum, so far according to the direction of the Ministry of Administrative and Bureaucratic Reform it is necessary to form an SPBE Coordination Team, Committee/Forum Data Management, Risk Management Committee/Forum of these three things which have not yet been formed, namely Risk Management Committee/Forum
Details	: Establish a Risk Management Committee/Forum that refers to national guidelines regarding SPBE management
Indicator Achievement	: 1. SPBE Coordination Team 2. One Data Forum Committee 3. Risk Management Committee
Work unit Executor	: SPBE Coordination Team
Implementation: Already done	
Note: It is regularly necessary to take part in technical guidance and outreach from the Ministry of Administrative and Bureaucratic Reform to ensure that SPBE Governance always follows developments in direction from the relevant Central Agencies.	

12. Evaluation and Revision of SPBE Governance

Table 2.12. SPBE Architectural Monitoring and Evaluation Work Program and Plan Map

Description	: Regularly evaluate and revise SPBE Governance following the SPBE guidelines from the relevant Central Agency.
Details	: As for evaluation and revision of SPBE Governance carried out against: <ul style="list-style-type: none"> 1. Evaluation of the SPBE Index This evaluation is carried out every year by analyzing the Existing Index and ensuring that SPBE implementation is in accordance with the SPBE Plan Map. 2. Evaluation and Revision of SPBE Policy Because the SPBE guidelines from Central Agencies are still dynamic and can change at any time, the SPBE Policy of the Sukoharjo Regency Government needs to be evaluated and revised in accordance with the latest policy directions from Central Agencies. 3. Evaluation and Revision of Architecture and Plan Map SPBE Architecture and Plan Maps are <i>living documents</i> so they are updated every year to keep up with changing conditions.

	<p>4. Evaluation and Revision of SPBE Management There needs to be an Evaluation and Revision of SPBE Management according to changes every year.</p> <p>5. Evaluation and Revision of SPBE Services There needs to be an Evaluation and Revision of SPBE Services so that every year SPBE Services become more effective and efficient.</p>
Indicator Achievement	: Availability of SPBE Architecture Documents
Work unit Executor	: Department of Communication and Information
Implementation:	2023 - 2027
Note:	It is regularly necessary to take part in technical guidance and outreach from the Ministry of Administrative and Bureaucratic Reform to ensure that SPBE Governance always follows developments in direction from the relevant Central Agencies.

B. SPBE Management

1. Preparation and Implementation of Risk Management

Table 2.13. Risk Management Preparation and Implementation work program

Description	: Determination of the SPBE Risk Management Policy is a strategic step in order to build the foundation of the SPBE Management policy which is used as a reference for implementing SPBE risk management in government agencies, guidelines which can refer to Permenpan-RB 05/2020.
Specification	: <ol style="list-style-type: none"> 1. Preparation of guidance documents Preparation of SPBE Risk Management guidance documents containing the SPBE risk management framework, SPBE risk management process, SPBE risk management structure, SPBE risk culture 2. Preparation and implementation of program plans and Risk Management implementation activities contained in the Strategic Plan/RKPD of the Communication and Informatics Service 3. Implementation of risk management through communication and consultation through regular meetings, incidental meetings, FGDs 4. Determining the SPBE risk context 5. Preparation of SPBE risk identification by outlining the type of SPBE risk, causes, categories, impacts and impact areas 6. Preparation of SPBE Risk analysis by outlining the possibilities and impacts

		<p>caused by the level of SPBE risk 6 Preparation of SPBE Risk evaluation</p> <p>7. Preparation of SPBE Risk management plans by outlining options, risk management action plans, outputs, implementation schedules, and the person in charge</p> <p>8. Preparation of SPBE Risk Management reports periodically and incidentally</p> <p>9. Formulation and determination of policies SPBE Risk Management</p> <p>10. Implementation of socialization, training, guidance and supervision of SPBE security by the Communications and Informatics Service</p>
Indicator Achievement	:	SPBE Risk Management Committee Decree. Implementation of SPBE Risk Management.
Work unit Executor	:	SPBE Coordination Team
Implementation:		2023-2026
Information:		In preparing SPBE Risk Management, follow the policy directions related to applicable SPBE Management.

2. Preparation and Implementation of Data Management

Table 2.14. Data Management Preparation and Implementation work program

Description	:	Data management is carried out through a series of data architecture management processes, master data, reference data, databases, data quality and data interoperability.
Specification	:	<p>1. Preparation of Management guidance documents Local Government Data</p> <p>2. Preparation of Data Architecture 3. Collection of sectoral data in each work unit 4. Checking compliance with sectoral data</p> <p>5. Dissemination of sectoral data</p> <p>6. Regular sectoral data updates</p> <p>7. Data storage on the Open Data Portal</p> <p>8. Data quality assurance includes data list, priority data, and data update schedule</p>
Indicator Achievement	:	Application of Data Management.
Work unit Executor	:	SPBE Coordination Team
Implementation:		2023-2026

Description:	In preparing data management, follow the policy directions related to applicable SPBE management.
--------------	---

3. Preparation and Implementation of Service Management

Table 2.15. Management Preparation and Implementation work program
Service

Description	: Service Management is a series of service processes to users, service operations, and SPBE Application management so that SPBE Services can run continuously and with quality.
Specification	: 1. Formation of Helpdesk Team SK 2. Utilization of the Ticketing System 3. Evaluation & Improvement of Helpdesk Team Performance
Indicator Achievement	: Implementation of Service Management.
Work unit Executor	: SPBE Coordination Team
Implementation:	2023-2026
Note:	In preparing Service management, follow the policy directions regarding applicable SPBE management.

4. Preparation and Implementation of ICT HR Management

Table 2.16. Work program for Preparation and Implementation of HR Management

Description	: ICT HR management is carried out through a series of processes of planning, development, coaching and utilization of HR in SPBE.
Specification	: 1. Job Analysis and Workload Analysis for ICT positions 2. Position Map 3. Report plan for implementation of competency development for ICT positions 4. Analysis of training needs for ICT officials
Indicator Achievement	: Application of ICT HR Management
Work unit Executor	: SPBE Coordination Team
Implementation:	2023-2026

Note: In preparing ICT	HR management, follow the policy directions related to applicable SPBE management.
------------------------	--

5. Preparation and Implementation of ICT Asset Management

Table 2.17. Work program for Preparation and Implementation of ICT Asset Management

Description	: Information and Communication Technology (ICT) Asset Management, carried out through a series of processes of planning, procurement, management and disposal of hardware and software used in SPBE.
Specification	: 1. Inventory of SPBE assets (data, information, applications and infrastructure) of the Communications and Informatics Service 2. Preparation of ICT Asset planning documents for the Communication and Informatics Service 3. Preparation of ICT Asset Procurement Report for the Communication and Informatics Service 4. Preparing a report on the write-off of ICT Assets for the Communication and Informatics Service
Indicator Achievement	: Application of ICT Asset Management ICT Asset List Form
Work unit Executor	: SPBE Coordination Team
Implementation:	2023-2026
Information: In preparing SPBE	ICT Asset management, follow the policy directions related to applicable SPBE management.

6. Preparation and Implementation of Knowledge Management

Table 2.18. Work program for Preparation and Implementation of Knowledge Management

Description	: Change Management, namely a cyclical and systematic approach to the transition of organizations, programs and activities from the current state to the future state with the target of the expected benefits of change.
Specification	: 1. Preparation of Knowledge Management guidance documents 2. Preparation of SPBE knowledge management planning documents containing work programs based on SPBE risk categories and realization targets 3. Implementation program Work SPBE:

		inventory all SPBE assets (data, information, applications and infrastructure), identify vulnerabilities and threats to SPBE assets, measure the level of SPBE security risk by work units based on the SPBE security planning document
Indicator Achievement	:	Implementation of Knowledge Management <i>The Knowledge Management System</i> (SIMPAN-SPBE) application is used optimally.
Work unit Executor	:	Department of Communication and Information & Agency Staffing and Resource Development Man
Implementation:		2023-2026
Note: In preparing		Knowledge management, follow the policy directions related to applicable SPBE management.

7. Preparation and Implementation of Change Management

Table 2.19. Work program for Preparation and Implementation of Change Management

Description	:	Change Management, namely a cyclical and systematic approach to the transition of organizations, programs and activities from the current state to the future state with the target of the expected benefits of change.
Specification	:	1. SPBE Change Management Preparation of Change Management Logs in the Data and Information Center work unit 2. Preparation of SPBE change management SOPs 3. Implementation of SPBE Change Management
Indicator Achievement	:	Implementation of Change Management
Work unit Executor	:	Department of Communication and Informatics and Section Organization
Implementation:		2023-2026
Note: In preparing		Change Management, follow the policy directions related to applicable SPBE management.

8. Preparation and Implementation of Information Security Management

Table 2.20. Work program for Preparation and Implementation of Information Security Management

Description	: Information Security Management scope determination includes: Data and information, SPBE Infrastructure, and SPBE Applications in organizations in each Government Agency.
Specification	: <ol style="list-style-type: none"> 1. Preparation of Security guidance documents Information from the Department of Communication and Information 2. Preparation of SPBE information security planning documents containing work programs based on SPBE risk categories and realization targets for the Communications and Informatics Service 3. Implementation of SPBE work program to inventory all SPBE assets information, applications and infrastructure), identify vulnerabilities and threats to SPBE assets, measure the security level of SPBE risks by work units based on the SPBE security planning document prepared by the Communications Service And Informatics 4. Preparation of technical standards and SOPs for SPBE security by the Communications and Informatics Service 5. Implementation of socialization, training, guidance and supervision of SPBE security by the Communications and Informatics Service
Indicator Achievement	: SPBE Security Audit Assessment Information Security SOP
Work unit Executor	: Department of Communication and Information
Implementation:	2023-2026
Note:	In preparing Information Security management, follow the policy directions related to applicable SPBE management.

C. SPBE Services

1. SPBE User Survey

Table 2.21. SPBE Use Survey Work Program

Description	: Conduct surveys on ASN and Business and People who use SPBE services
Specification	<ol style="list-style-type: none"> 1. Internal Application Satisfaction Survey 2. Survey on Satisfaction with Using Public Applications

Details	: Conduct a survey using the method of measuring the effectiveness of SPBE services
Indicator Achievement	: Measurement of SPBE services has been carried out and improvements have been made based on existing input.
Work unit Executor	: Department of Communication and Information & Agency Staffing and Resource Development Man
Implementation:	2023 - 2027
Note: The SPBE User	Satisfaction Survey also needs to be combined with an analysis of the Community Satisfaction Index for each of them if necessary.

2. Development of an Integrated Public Service Portal

Table 2.22. Integrated Public Service Portal Development Work Program

Description	: Integrated Public Service Portal Application make it easier for people to access public services on one platform.														
Specification	: 1. Preparation of Service Integration Design Concepts 2. Development of Public Service Portal Applications														
Details	: Platform : Web Mobile Technology : LDAP, Keycloak for Single Sign On														
Feature	: (Public Information) <table border="1" style="margin-left: 20px;"> <tr> <td>Announcement</td> <td>News</td> </tr> <tr> <td>CCTV</td> <td>Streaming</td> </tr> </table> (Public Service) <table border="1" style="margin-left: 20px;"> <tr> <td>Employment</td> <td>Capital investment</td> </tr> <tr> <td>Education</td> <td>Taxes & Levies</td> </tr> <tr> <td>Health</td> <td>Marketplaces</td> </tr> <tr> <td>Law</td> <td>Events</td> </tr> <tr> <td colspan="2">Open Data Community Complaints</td> </tr> </table>	Announcement	News	CCTV	Streaming	Employment	Capital investment	Education	Taxes & Levies	Health	Marketplaces	Law	Events	Open Data Community Complaints	
Announcement	News														
CCTV	Streaming														
Employment	Capital investment														
Education	Taxes & Levies														
Health	Marketplaces														
Law	Events														
Open Data Community Complaints															
Indicator Achievement	: Implementation of a public service portal that is integrated with internal public service applications Local government														
Work unit Executor	: Department of Communication and Information														
Implementation:	2023 – 2027														

Description:	It is necessary to create API documentation for all internal public service applications of the Regional Government and make the Population API the primary key in all existing public service applications.
--------------	--

3. Development of Internal Service Portal

Table 2.23. Internal Service Portal Development Work Program

Description	: Internal Government Administration Portal application that makes it easier for ASN to access Internal Government Administration services on one platform.						
Specification	: 1. Preparation of Service Integration Design Concepts 2. Internal Service Portal Application Development						
Details	: Platform : Web Mobile Technology : LDAP, Keycloak for Single Sign On						
Feature	<table border="1"> <tr> <td>Announcement</td> <td>Employee Profile</td> </tr> <tr> <td>Presence</td> <td>SKP</td> </tr> <tr> <td>Permission for Leave, Sickmess, etc.</td> <td>Device Agenda Area</td> </tr> </table>	Announcement	Employee Profile	Presence	SKP	Permission for Leave, Sickmess, etc.	Device Agenda Area
Announcement	Employee Profile						
Presence	SKP						
Permission for Leave, Sickmess, etc.	Device Agenda Area						
Indicator Achievement	: Implemented portal Administration Internal Government which is integrated with the Internal Government Administration application						
Work unit Executor	: Department of Communication and Information						
Implementation:	2023 - 2027						
Description:	Need to create API documentation for all related Internal Government Administration applications and make the Personnel API the primary key in all existing internal Government Administration applications.						

D. SPBE application

1. Application Development

Table 2.24. Future Application Development Work Program

Description	: Development of applications proposed by Regional Apparatus which is the main priority (which is the easiest to implement and has a significant <i>impact</i>). Applications that are public services are also a top development priority.
Specification	: The list of applications proposed by Regional Apparatus that can be developed is as follows: Stage 1: 1. Integration (Tax and Levy Management with financial applications) 2. e-Billing 3. Central Tax e-Recon 4. e-ANJAB ABK 5. Archive Application Development 6. Youth Entrepreneurship Information System 7. Scouting Information System 8. Waste Bank 9. IPLC 10. e-Road 11. UPDATE THE PADATI APPLICATION 12. Teacher Credit Score Information System 13. e-UMKM 14. Android-based SIMPLAN development 15. SiKAPER 16. BPJS KIS PBI APBD Registration System 17. Development of Sukoharjo DTKS 18. Si CeMPIO (Quick Application Serving Pol PP on line) 19. e-Agenda 20. e-UMKM Product Marketing 21. Application regarding Reporting Energy and Water Savings in Government Buildings 22. Investment Map Stage 2: 23. SIMPEG Update 24. Development of SIMPDRD 25. Environmental Laboratory Management 26. e-Food 27. e-SDA 28. e-Tower 29. e-Audit 30. Digitalization of Stunting 31. Applications related to ICT Infrastructure

	<p>Stage 3:</p> <p>32. e-Grants</p> <p>33. SPP SPM Paperless</p> <p>34. e-SKM</p> <p>35. Sukoharjo intersection</p> <p>36. Sports Development Index Information System</p> <p>37. (existing) e-Presiden (Registration and Data Collection of Vulnerable Populations)</p> <p>38. SIGATRAS (Quality Prosperous Family Information System)</p> <p>39. Development of e-Cooperatives</p> <p>40. SIMEDUNI (Android Based Early Age Traffic Safety Information System)</p> <p>41. SIMPO (Parking Management Information System On line)</p> <p>42. GO JOB</p> <p>43. READY TO WORK BLK</p> <p>44. ONE SME DATA</p> <p>45. e-Rusunawa</p> <p>46. Dprasasti</p> <p>47. SISANKE (Death Compensation Information System)</p>
Indicator Achievement	: Implementation is planned applications Which
Work unit Executor	: Department of Communication and Information and Devices Related areas
Implementation:	2023 - 2027
Note: Estimated Budget	<p>for Application Development Needs is explained in Appendix 1</p> <p>Development can be carried out independently with the help of the Communications and Informatics Department, or procurement of applications through third parties (vendors). Application development priorities can be adjusted to the situation and conditions in the current year</p>
	<p>When developing applications, you should coordinate with the Communications and Informatics Service and follow the technology development standards of the Sukoharjo Regency Government to avoid vendor lock-in.</p>

2. Application Integration

Table 2.25. Inter-Application Integration Work Program

Description	: The process of implementing integration between applications, in accordance with the Integration Guidance Document and built on the Integration <i>platform</i> . In this process, <i>services</i> development activities will be carried out for each application that will be integrated. Carrying out integration between applications with the aim of making SPBE services reach a maturity index of 4.
Requirements:	1. The application integration process refers to the SPBE Architecture of the Sukoharjo Regency Government 2. API/Technology based Integration Technology Pentaho 3. Provide API documentation for all systems to be integrated
Indicator Achievement	: Implementation of appropriate integration between applications District Government SPBE Architecture Sukoharjo
Work unit Executor	: Department of Communication and Information and Devices Related areas
Implementation:	2023 - 2027
Note:	Integration between applications can be carried out independently with the help of the Communications and Informatics Department, or procurement of applications through third parties (vendors). Application development priorities can be adjusted to the situation and conditions in the current year

3. Development of Data Portals and Dashboards (Big Data)

Table 2.26. Development of Data Portal and Analytics Dashboard

Description	: In order to support the use of sectoral data as a basis for leadership decision making, a <i>Data Warehouse</i> and <i>Analytics Dashboards</i>
Specification	: <i>Dashboard</i> and <i>data warehouse</i> applications at least will have features: 1. <i>Report builder</i> , has the ability to compile <i>custom</i> reports according to leadership needs. 2. <i>Data mining</i> and <i>warehousing</i> , has the ability to customize data sources, and has <i>local temporary</i> data. 3. <i>Backoffice application</i> integration , which by default data collection is integrated with the running <i>backoffice</i> application.

	4. The dashboard application must have good quality/user <i>friendly</i> when accessed from a <i>mobile</i> device or PC
Indicator Achievement	: Implementation of <i>Data Warehouse</i> applications and <i>Dashboards</i>
Work unit Executor	: Department of Communication and Information and Devices Related areas
Implementation: 2023	
Description: Development	is carried out in stages each year according to budget availability and application development priorities.

4. Application Maintenance

Table 2.27. Application Maintenance Work Program

Description	: Maintenance and <i>upgrades</i> for all existing systems need to be carried out regularly to ensure continuity of use.
Specification	: Maintenance/upgrade activities consist of: <ol style="list-style-type: none"> 1. Monitoring the health and performance of application servers (<i>web servers, database servers, application servers</i>) using monitoring applications such as MRTG, LibreNMS, etc. 2. Make improvements when <i>errors/bugs</i> are found 3. Maintain the system running optimally 4. <i>Upgrade security patches</i> and system performance <i>patches</i>
Indicator Achievement	: The application runs smoothly in <i>real time</i>
Work unit Executor	: Department of Communication and Information
Implementation: 2023 - 2027	
Information : -	

E. SPBE Infrastructure

1. Increasing room capacity and space support devices
Servers

Table 2.28. Increased Room Capacity and Server Room Support Devices

Description	: The Data Center is the location for placing <i>server, storage, network and network security devices</i> . The application servers managed by the Sukoharjo Regency Government Communication and Information Service are located in the Data Center. The Communication and Informatics Service Data Center needs to be maintained to maintain the availability and performance of server and network infrastructure services. Data Center Maintenance includes main devices such as servers, storage, networks, and network security. Apart from that, supporting devices also need routine maintenance, such as backup electrical power supplies (Gensets and UPS), air conditioning and humidity systems (Precision AC), fire suppression systems, electricity, etc.
Specification	: 1. The location of the Data Center is in the Sukoharjo Regency Communication and Information Service building; 2. Division of server room areas, staging, electricity, UPS and Battery, Precision AC and Fire Suppression System; 3. Electrical System; 4. Cooling System; 5. Data Network System; 6. Fire Handling System; 7. Environmental Condition Monitoring System; 8. Physical Security System; 9. Maintenance of main devices such as servers, storage, network devices and security including operating systems, firmware, patches and spare parts.
Indicator Achievement	: 1. Main devices and supporting devices for the Data Center of the Communications and Information Service maintained independently or using third party services; 2. Consolidation of servers in Regional Apparatus/UPT to the Data Center of the Communications and Informatics Service; 3. The operating system, firmware, server device patches, storage, network and network security are stable versions or recommended by the manufacturer and there are no security gaps.

		4. Periodic maintenance reports on the main equipment and supporting equipment of the Communication and Information Service Data Center.
Work unit Executor	:	Department of Communication and Information
Implementation:	2023 - 2026	
Information :	-	

2. Preparation of Main Infrastructure Capacity Plan Server Room

Table 2.29. Data Center Capacity Plan Work Program

Description	:	Preparation of a data center capacity plan is carried out to ensure that the main devices and data center supporting devices can continue to operate normally. This activity is to maintain the availability and reliability of information system services managed by the Communications and Informatics Service. The capacity plan includes technical specification requirements for servers, storage, network infrastructure, information security devices, and supporting devices (electrical systems, outdoor, cooling systems).
Specification	:	Activities to prepare capacity plans for the main and supporting devices for the Communication and Information Services Data Center.
Indicator Achievement	:	Document of the results of the capacity plan for the main and supporting devices for the Data Center of the Communications and Information Service.
Work unit Executor	:	Department of Communication and Information
Implementation:	2023	
Information :	-	

3. Provision of a Disaster Recovery Center

Table 2.30. Procurement of Disaster Recovery Center

Description	:	To maintain the level of availability and performance of the Disaster Recovery Center information system services if a failure occurs in the information system in the Data Center, the specifications and number of main devices such as servers, storage, network and security in the Disaster Recovery Center must be the same as those in the Data Center.
-------------	---	--

Specification	: 1. Location of the Disaster Recovery Center with a physical distance of at least 40 km from the Communication and Informatics Service Data Center. 2. The specifications and number of main devices such as servers, storage, network infrastructure and network security in the Disaster Recovery Center are the same as those in the Data Center. 3. The Disaster Recovery Center can use the facilities of the Temporary Data Center (PDS).
Indicator Achievement	: The specifications and number of main devices such as servers, storage, network infrastructure and network security in the Disaster Recovery Center are the same as those in the Data Center.
Work unit Executor	: Department of Communication and Information
Implementation: 2023	
Information : -	

4. Periodic Disaster Recovery Trials

Table 2.31. Periodic Disaster Recovery Trial Work Program

Description	: To ensure the availability and reliability of Information System services at the Disaster Recovery Center, it is necessary to carry out periodic Disaster Recovery trials (<i>Recovery Plan</i>) at least once a year. This activity is to ensure that <i>the backup</i> and replication that has been carried out can be used and meets expectations.
Specification	: 1. Applications/Information Systems, especially those classified as critical, have been <i>backed up</i> and replicated <i>in real time</i> to the Disaster Recovery Center; 2. The specifications and number of servers, especially those classified as critical, are the same as those in the Data Center; 3. Availability of a Disaster Recovery Center (DRC).
Indicator Achievement	: 1. Real time backup and replication status from the Data Center to the Disaster Recovery Center is running normally; 2. Backup and replication files can be used and comply with the latest conditions; 3. Information system infrastructure and services in the Disaster Recovery Center can be used to replace those in the Data Center for a certain period of time; 4. Documentation and evaluation of disaster recovery activities from Data Center to Disaster Recovery Center;

Work unit Executor	: Department of Communication and Information
Implementation: 2024-2027	
Information : -	

5. Increased Capacity and Reliability of Core Network Infrastructure

Table 2.32. Increasing Capacity and Reliability of Core Network Infrastructure

Description	: Data Network Infrastructure managed by the Sukoharjo Regency Government Communication and Informatics Service includes internet networks, networks between servers, networks in Regional Apparatus/UPT, and interconnections with other institutions. Data network infrastructure needs to be maintained to ensure the availability and reliability of data network services to internal and external users (the public).
Specification	: Core switch devices, distribution switches, Next <i>Generation Firewall</i> , Internet Router, MAN Router, and WAN Router.
Indicator Achievement	: 1. Availability of redundant network devices from routers, core switches, distribution switches, access switches, <i>next generation firewalls</i> . 2. The functioning of network devices to serve interconnection of intra-regional government networks and internet networks
Work unit Executor	: Department of Communication and Information
Implementation: 2023-2027	
Information : -	

6. Development of In-City Network Device Interconnection

Region/UPT

Table 2.33. Procurement of In-City Network Interconnection for Regional/UPT Equipment

Description	: Regional Apparatus/UPT offices that are spread outside the office complex need to be connected to the NOC. Interconnection can use fiber optic or radio networks. The mechanism for organizing a fiber optic network can be carried out independently or in collaboration with a third party with the system rent.
-------------	---

Specification	: 1. Connection from Regional/UPT Apparatus outside the office complex to the NOC at the Communications and Informatics Service office. 2. MAN router interconnection.
Indicator Achievement	: Availability of a MAN router that connects the NOC with Regional/UPT Equipment.
Work unit Executor	: Department of Communication and Information
Implementation:	2023 - 2027
Information : -	

7. Development of Wireless Data Network Infrastructure (WiFi) Integrated

Table 2.34. Wireless Data Network (WiFi) Infrastructure Development
Integrated

Description	: Wireless data network (WiFi) services managed by the Communications and Information Service are available at Regional Apparatus/UPT offices and certain public areas. Users who use the wireless data network can access intranet applications, the internet, or both. To guarantee the availability and performance of wireless data network services, the wireless data network infrastructure needs to be developed to adapt to the increasing development of data traffic, processes and users and to protect the security of data traffic.
Specification	: 1. WiFi security uses the WPA2-Enterprise (<i>Wireless Fidelity Protected Access 2-Enterprise</i>) security protocol. This protocol uses 802.1X or EAP (<i>Extensible Authentication Protocol</i>) authentication. EAP is a layer 2 protocol that replaces PAP and CHAP. 2. This enterprise/corporate WPA security setting requires a special server that functions as an authentication center such as a RADIUS Server (<i>Remote Authentication Dial-In Service</i>). With this Radius server, authentication will be carried out <i>per-client</i> so there is no need to enter the same <i>passphrase</i> or <i>network key</i> for each <i>client</i> . 3. RADIUS servers can use Active Directory or LDAP; 4. Access Point supports <i>roaming</i> mode , that is, if the user moves, the connection <i>to the Access Point</i> will adjust to the nearest one without needing to authenticate again.

		5. There is a WiFi Controller device for managing and operating (management) Access Points and others.
Indicator Achievement	:	1. Authentication of WiFi users already using WPA2-Enterprise security protocol; 2. Users who move places no longer need to re-authenticate; 3. There is a <i>Wireless LAN Controller</i> device (WLC) sets up and configures several <i>access point</i> devices on one <i>controller device</i> .
Work unit Executor	:	Department of Communication and Information
Implementation:	2023 - 2025	
Information :	-	

8. Development of an Authentication Service System or Single Sign On (SSO)

Table 2.35. Authentication Service System Development - Single Sign On (SSO)

Description	:	<p>The Sukoharjo Regency Government service liaison system is an integration/liaison tool for exchanging SPBE services within the Sukoharjo Regency Government and with the central government. The use of the Government Service Liaison System aims to facilitate integration between SPBE Services.</p> <p>The Government Service Liaison System consists of:</p> <ol style="list-style-type: none"> 1. Data Integration The integration process is carried out directly on the database or data structure of the application, ignoring presentation or business logic when creating the integration. 2. Presentation Integration The integration process involves creating a user interface that provides access to several applications. 3. Functional Integration The integration process is carried out at the logical level business on several applications. <p>The Communication and Informatics Service has one of the Government Service Liaison Systems, namely data integration using API technology and has API Management infrastructure.</p>
-------------	---	--

Specification	: 1. Intranet API Gateway for internal application services with an intranet connection; 2. Extranet API Gateway for Ministry/Agency application services with an internet connection; 3. Development of a portal based on Single Sign On (SSO); 4. API Gateway security protection device
Indicator Achievement	: 1. Availability of API Gateway security devices 2. Availability of intranet and extranet API Gateway servers; 3. SSO system available; 4. There is a Sukoharjo Regency Government application portal which contains a list of operational applications.
Work unit Executor	: Department of Communication and Information
Implementation:	2023 - 2025
Information : -	

9. API Gateway Development

Table 1.36. API Gateway Development

Description	: The Sukoharjo Regency Government service liaison system is an integration/liaison tool for exchanging SPBE services within the Sukoharjo Regency Government and with the central government. The use of the Government Service Liaison System aims to facilitate integration between SPBE Services. Several applications managed by the Sukoharjo Regency Government Communication and Information Service have exchanged data (integration) using the <i>host-to-host</i> method or between applications with each other. Currently there are no services acting as a "front door or gateway" for applications to access data, business logic, or functions from the application's backend services. This front door or <i>API Gateway</i> functions for API management, API authentication, API routing, API security, and others.
Specification	: 1. Availability of a server as an API gateway or API Gateway which functions for API management, routes (routing, authentication, security, etc.). 2. Integration between applications via API Gateway.

Indicator Achievement	: 1. Availability of an API Gateway server. 2. Integration between applications is via API Gateway.
Work unit Executor	: Department of Communication and Information
Implementation:	2023 - 2025
Information : -	

F. Information Security

1. Development of SPBE Security Architecture

Table 2.37. SPBE Security Architecture Development

Description	: Information security is important in providing services. With the increasing risk and information security incidents in the implementation of electronic systems, efforts to secure electronic systems containing strategic and important data and information must be carried out immediately. Reliable information security will increase public confidence in the implementation of electronic systems for public services. In the context of data and information security within the Sukoharjo Regency Government, it is necessary to develop a policy, organization, planning, person in charge, process and resources that refers to the business risk approach to determine, implement, operate, evaluate, monitor, manage and improve information security so that the confidentiality, integrity and availability of information is maintained.
Specification	: 1. Architecture security illustrates how an organization implements defense in depth, as well as how its layers of control relate to one another. The design and implementation of these layered security controls is especially important for complex environments. Each component in the architecture also contains security risks. Considering that conditions vary from one organization to another, the architectural analysis and design must consider the specific variables and risks that may occur in each organization.

		<p>2. Security policy is a well-documented plan, process, standards and guidelines needed to fulfill information security.</p> <p>3. Information security standards are formal documents establishing uniform technical criteria, methods, processes and practices for information security;</p> <p>4. Information security procedures are standard operating documents for implementing information security.</p>
Indicator Achievement	:	<p>1. Availability of information security architecture documents;</p> <p>2. Availability of Information Security Management System documents;</p> <p>3. Availability of information security Standard Operating Procedures (SOP) documents.</p>
Work unit Executor	:	Department of Communication and Information
Implementation:		2024
Information : -		

2. Preparation of SOPs for Data and Information Security

Table 2.38. Work Program for Preparing Data and Information Security SOPs

Description	:	<p>Technical standards for data and information security includes:</p> <ol style="list-style-type: none"> 1. Confidentiality; 2. Authenticity; 3. Wholeness; 4. Non-refutation; And 5. Availability.
Specification	:	<ol style="list-style-type: none"> 1. Information Classification SOP; 2. Encryption SOP (with cryptographic system); 3. SOP for Restricting Access to Data and Information; 4. SOP for Verification and Validation of Data and Information Authenticity; 5. SOP for <i>Hash Function Implementation</i>; 6. Modification Detection SOP; 7. Certified Electronic Signature SOP; 8. SOP for Backup System (<i>backup</i>); And 9. Recovery System SOP.

Indicator Achievement	: 1. Availability of technical standard documents for data and information security including confidentiality, authenticity, integrity, irrefutability and availability. 2. Availability of SOP documents for data and information security in accordance with the details in the specifications.
Work unit Executor	: Department of Communication and Information
Implementation:	2023 - 2024
Information : -	

3. Preparation of SPBE Application Security SOPs

Table 2.39. Work Program for Preparing Data and Information Security SOPs

Description	: SPBE application security technical standards based website includes: <ol style="list-style-type: none"> 1. Authentication; 2. Session management; 3. Access control requirements; 4. Input validation; 5. Cryptography in static verification; 6. Error handling and logging; 7. Data protection; 8. Communication security; 9. Control of malicious code; 10. Business logic; 11. Files; 12. API and web service security; And 13. Configuration security. <i>Mobile-</i> based SPBE application security technical standards include: <ol style="list-style-type: none"> 1. Data storage and privacy requirements; 2. Cryptography; 3. Authentication and session management; 4. Network communication; 5. Platform interaction; 6. Code quality and build settings; And 7. Resilience.
-------------	---

<p>Specification</p>	<p>: 1. Password standards <i>include</i> the number of characters, combination of character types, and the validity period of the password; 2. Data Classification SOP, for data classified as password then secrets such as storage using cryptographic mechanisms; 3. SOP for Secure Application Communication Paths; 4. Application Access Control SOP; 5. Cryptography SOP; 6. Track Record SOP; 7. SOP for Application Error Handling; 8. SOP for Exchange, Deletion and Audit of Information; 9. SOP for Electronic Certificates; 10. Server configuration SOP;</p>
<p>Indicator Achievement</p>	<p>: 1. Availability of web application security technical standard documents including: a. Authentication, b. Session management; c. Access control requirements; d. Input validation; e. Cryptography on static verification; f. Error handling and logging; g. Data protection; h. Communications security; i. Malicious code control; j. Business logic; k. File; l. API and web service security; And m. Configuration security. 2. Availability of SOP documents for web application security in accordance with the details in the specifications; 3. Availability of security technical standard documents mobile application includes: a. data storage and privacy requirements; b. cryptography; c. authentication and session management; d. network communication; e. platform interactions; f. code quality and build settings; And g. resilience. 4. Availability of SOP documents for mobile application security according to the details in the specifications.</p>
<p>Work unit Executor</p>	<p>: Department of Communication and Information</p>
<p>Implementation:</p>	<p>2023 - 2024</p>
<p>Information : -</p>	<p></p>

4. Preparation of Service Connection System Security SOPs

Table 2.40. Work Program for Preparing Service Liaison System Security SOPs

Description	: Connecting System security technical standards Services include: 1. data and information interoperability security 2. control system integration 3. integrator device control 4. API and web service security 5. data migration security
Specification	: 1. SOP for Documents and Electronic Mail; 2. SOP <i>Update</i> for Operating Systems and Devices Soft; 3. System Recovery and Restore SOP on integrator devices; 4. Data Migration SOP; 5. SOP for Cryptographic Implementation in the Data Storage and Retrieval process; 6. SOP for Data Validation during the Data Migration Process Finished.
Indicator Achievement	: Availability of Service Connecting System security technical standard documents including: 1. data and information interoperability security 2. control system integration 3. integrator device control 4. API and web service security 5. Data migration security Availability of Service Liaison System security SOP documents in accordance with the details in the specifications.
Work unit Executor	: Department of Communication and Information
Implementation:	2023 - 2024
Information : -	

5. Preparation of Intra-Government Network Security SOPs

Table 2.41. Work Program for Preparing Intra-Governmental Network Security SOPs

Description	<p>: Intra-Government Network security technical standards includes:</p> <ol style="list-style-type: none"> 1. Intra Network security administration aspects; 2. access control and authentication; 3. device and application security requirements Intra Network; 4. gateway security control; 5. access point security control on wireless networks; And 6. Control access point configuration on wireless networks.
Specification	<p>: 1. Intra Network Architecture Document;</p> <ol style="list-style-type: none"> 2. Network Infrastructure Asset Documents; 3. SOP for Intra Network Security Maintenance; 4. Periodic Network Security Monitoring Report; 5. SOP for Network Device Access; 6. SOP for Network Device Configuration; 7. SOP for Virtual Private Network (VPN) Services; 8. Database Server Access SOP; 9. <i>Security information and event management</i> applications for <i>network logging, monitoring and analytics</i>; 10. Next Generation Firewall devices (including IPS or IDS); 11. SOP Update operating system, firmware, etc patch network devices; 12. Load Balancer device for network connections and web applications; 13. Web Application Firewall (WAF) device; 14. Installation of Electronic Certificates; 15. Implementation of <i>content filtering</i>; 16. Remote Access SOP; 17. SOP for WiFi access services; 18. Implementation of SSID for wireless networks;

Indicator Achievement	: Availability of Service Connecting System security technical standard documents including: 1. Intra Network security administration aspects; 2. access control and authentication; 3. device and application security requirements Intra Network; 4. gateway security control; 5. access point security control on wireless networks; and 6. access point configuration control on the wireless network. Availability of Intra-Government Network security SOP documents in accordance with the details in the specifications. There are intra network security support devices including: 1. <i>Next Generation Firewall</i> includes IPS/IDS features; 2. <i>Web Application Firewall (WAF)</i> ; 3. <i>Load Balancer</i> for network connections; 4. <i>Load Balancer</i> for web applications; 5. <i>Content Filtering Device</i> ; 6. SSL certificate.
Work unit Executor	: Department of Communication and Information
Implementation:	2023 - 2024
Information : -	

6. Vulnerability Assessment and Penetration Testing

Table 2.42. Vulnerability Assessment and Penetration Testing Work Program

Description	: Vulnerability Assessment and Penetration Testing (<i>Vulnerability Assessment and Penetration Testing - (VAPT)</i>) on networks, servers and applications managed by the Communications and Informatics Service.
Specification	: 1. <i>Vulnerability Assessment</i> of networks, servers and web applications 2. Penetration testing of networks, servers and web applications using the black box method 3. Document the results of the assessment and penetration testing along with recommendations

Indicator Achievement	: 1. <i>Vulnerability Assessment and Penetration Testing (VAPT)</i> activities are carried out periodically at least once a year; 2. Documents of vulnerability assessment and penetration testing results and recommendations are available; 3. Implementation of recommendations; 4. Documents of the results of re-vulnerability assessment and re-penetration testing are available.
Work unit Executor	: Department of Communication and Information
Implementation:	2023 - 2027
Information :	-

G. SPBE Audit 1.

Implementation of the SPBE Audit

Table 2.43. SPBE Audit work program

Description	: Conduct regular SPBE audits
Specification	: SPBE Audits are carried out internally and externally, SPBE Audits consist of: 1. SPBE Application Audit is carried out in coordination with BPPT. 2. SPBE Infrastructure Audit is carried out in coordination with the Ministry of Communication and Information. 3. SPBE Information Security Audit is carried out coordinate with BSSN.
Indicator Achievement	: Implementation of SPBE Audit
Work unit Executor	: Department of Communication and Information
Implementation:	2023-2027
Information :	

H. HR SPBE

1. Addition of ICT human resources

Table 2.44. ICT Human Resources Addition Work Program

Description	: Recruitment of ICT human resources in order to increase engineer qualifications. Increasing the number of engineers who have a good understanding of IT development will contribute to the ease of the IT implementation process and reduce obstacles.
-------------	--

Details	: 1. Formation of Digital Transformation Team Decree 2. Recruitment of the Digital Transformation Team 3. Increasing the Competency of the Transformation Team Digital
Specification	: ICT HR needs : 1. Project Manager 2. Web Programmer 3. Mobile Programmer 4. Systems Analyst 5. Quality Assurance 6. Technical & Network Admin 7. Data Engineer 8. Enterprise Architect 9. Digital Media Specialist
Indicator Achievement	: 1. ICT human resources are able to handle ICT operations 2. Adequate ICT human resource needs in all regional apparatus
Work unit Executor	: BPKPAD and Communication and Informatics Service
Implementation:	2023 - 2027
Information : -	

2. Organizing ICT HR Training

Table 2.44. Work Program for Organizing ICT HR Training

Description	: Organizing Advanced IT Training in order to increase engineer qualifications. Increasing the number of engineers who have a good understanding of IT development will contribute to the ease of the IT implementation process and reduce obstacles.
Specification	: See Table 1.1.8.3
Indicator Achievement	: 1. Implementation of training 2. Number of training participants
Work unit Executor	: BPKPAD and Communication and Informatics Service
Implementation:	2023 - 2027
Information : -	

Table 2.45. ICT HR Competency Development Work Program

Domain No	Type of Training	Role	Time Implementation
1 Architecture SPBE	Business Process Map with BPMN	Enterprise Architect	Adapt

		Enterprise Architecture Fundamentals	Enterprise Architect	Adapt
		TOGAF Framework	Enterprise Architect	Adapt
		Scrum Master	Projects Manager	Adapt
2	Data	Data Management With DMBOK	Data Scientist	Adapt
		Data Visualization Techniques with Business Intelligence	Data Scientist	Adapt
		Programming for Data Processing with Python & R Programming	Data Scientist	Adapt
		Data Analytics With Machine Learning	Data Scientist	Adapt
		Big Data Analytics In Practice	Data Scientist	Adapt
3	Apps	Web API Backend Programming	Programmer	Customizes
		Web Frontend Development	Programmer	Customizes
		Mobile Frontend With PWA	Programmer	Customizes
		Web Back-end Programming With Laravel	Programmer	Customizes
		Web front-end Development With Vue JS	Programmer	Customizes
		Android Secure Programming	Programmer	Customizes
		Mobile Programming With Flutter	Programmer	Customizes
		IT Service Management QA	Engineer	Adapt
		IT Quality Assurance QA	Engineer	Adapt
		Software Testing Implementation	QA Engineer	Adapt
		Software Testing Plan QA	Engineer	Adapt
4	Network Security	Infrastructure with Mikrotik	Network Engineer	Adapt
		Traffic Management with Mikrotik	Network Engineer	Adapt

		Linux Fundamentals	Network Engineer	Adapt
		Linux Network Services Network	Engineer	Adapt
		DevOps Introduction & Docker	DevOps Engineer	Adapt
		Docker Administration With Kubernetes	DevOps Engineer	Adapt
		Microservices In Development	DevOps Engineer	Adapt
		Service Management Data Center Operations	Network Engineer	Adapt
		Penetration Testing Method	Bug Hunter	Customize
5	Security Information	IT Auditor	Auditors	Adapt
		ISO 31000 (IT Risk and Controls)	Auditors	Adapt
		ISO 27001 (Information Security Management)	Auditors	Adapt

CHAPTER III
SPBE IMPLEMENTATION PLAN MAP

A. Roadmap for Implementing SPBE Sukoharjo Regency 2023-2026

Table 3.1. SPBE Implementation Plan Map

Mission 1: Realizing Good Governance Through Acceleration Bureaucratic Reform							
Target: Improving the Government System and Quality of Bureaucratic Services Innovative and Responsive							
		2022	2023	2024	2025	2026	2027
Bureaucratic Reform Index Indicator		65.68	70.79	80.80			
SPBE Index Indicator		3.64	3.70	3.74	3.80	3.84	3.84
Indicator	Standards Compliance Index Public service	81	83.85	87.90	90.90		
Community Satisfaction Index Indicator	81		82.83	84.85	85.85		

No	Project/Activities	UIC	Baseline		Target				
			2022	2023	2024	2025	2026	2027	
SPBE ARCHITECTURAL STRATEGIC INITIATIVE: Provincial Government Internal and Public Services Optimal and Efficient Central Kalimantan									
1 Governance									
	A	SPBE Policy							
		1 SPBE Coordination Team Policy							
		- Preparation Team Policies SPBE Coordination	Service Communication And informatics, Body Staffing And Development Resource Humans and Law part	It is already done					
		- Implementation Team Policies SPBE Coordination	Service Communication And informatics, Body Staffing And Development Resource Humans and Law part	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ

		- Review and Follow Up Continue Policy Coordination Team SPBE	Service Communication And informatics, Body Staffing And Development Resource Humans and Law part	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
2 One Data Forum Policy									
		- Preparation Forum Policies One Data	Service Communication And informatics, Body Planning Development, Research Dan Regional Innovation and Part Law	It is already done					
		- Implementation Forum Policies One Data	Service Communication And informatics, Body Planning Development, Research Dan Regional and Sectional Innovation Law	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Review and Follow Up Continue Policy One Data Forum	Service Communication And informatics, Body Planning Development, Research Dan Regional Innovation and Part Law	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
3 SPBE Architecture Policy									
		- Preparation Policy SPBE Architecture	Service Communication And Informatics And Parts Law	Not done	ÿ				

		- Implementation Policy SPBE Architecture	Service Communication And Informatics And Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
		- Review and Follow Up Continue Policy SPBE Architecture	Service Communication And Informatics And Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
4 SPBE Plan Map Policy									
		- Preparation Map Policy SPBE Plan	Service Communication And Informatics and Parts Law	It is already done					
		- Implementation Map Policy SPBE Plan	Service Communication And Informatics and Parts Law	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Review and Follow Up Continue Policy Plan Map SPBE	Service Communication And Informatics and Parts Law	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
5 Data Management Policy									
		- Preparation Policy Data Management	Service Communication And informatics, Body Planning Development, Research Dan Regional Innovation and Part Law	Not done	ÿ				

		- Implementation Policy Data Management	Service Communication And informatics, Body Planning Development, Research Dan Regional Innovation and Part Law	Not done		ÿ	ÿ	ÿ	ÿ
		- Review and Follow Up Continue Policy Data Management	Service Communication And informatics, Body Planning Development, Research Dan Regional and Sectional Innovation Law	Not done		ÿ	ÿ	ÿ	ÿ
6 SPBE Application Development Policies									
		- Preparation Policy Development SPBE application	Service Communication And Informatics and Parts Law	Not done	ÿ				
		- Implementation Policy Development SPBE application	Service Communication And Informatics and Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
		- Review and Follow Up Carry on Development SPBE application	Service Communication And Informatics and Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
7 Intra-Regional Government Network Service Policy									
		- Preparation Policy Intra Network Sukoharjo	Service Communication And Informatics and Parts Law	Not done	ÿ				

			- Implementation Policy Intra Network Sukoharjo	Service Communication And Informatics and Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
			- Review and Follow Up Continue Networking Intra Sukoharjo	Service Communication And Informatics and Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
		8	Internal Policies System Usage Liaison Service Central government							
			- Preparation Policy Use System Liaison Service Government	Service Communication And Informatics and Parts Law	Not done	ÿ				
			- Implementation Policy Use System Liaison Service Government	Service Communication And Informatics and Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
			- Review and Follow Up Continue Policy Use System Liaison Service Government	Service Communication And Informatics and Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
		9	Internal policies Management Security Information							
			- Preparation Internal policy Management Security Information	Service Communication And Informatics and Parts Law	Not done	ÿ				

		- Implementation Internal policy Management Security Information	Service Communication And Informatics and Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
		- Review and Follow Up Continue Internal policy Management Security Information	Service Communication And Informatics and Parts Law	Not done		ÿ	ÿ	ÿ	ÿ
	10	Internal Policies Technology Audit Information and Communication							
		- Preparation Audit Policy Technology Information and Communication	Service Communication And Informatics and Parts Law	It is already done					
		- Implementation Audit Policy Technology Information and Communication	Service Communication And Informatics and Parts Law	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Review and Follow Up Continue Policy Technology Audit Information and Communication	Service Communication And Informatics and Part Law	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
	B Formation Committee/Forum								
	1	Coordination Team SPBE	Coordination Team SPBE	Already There is					
	2	Forum One Committee Data	Service Communication is there And Informatics	Already					
	3	Management Committee Risk	Coordination Team SPBE	Already available					
	C Evaluation and Revision SPBE Governance								
	1	Index Evaluation SPBE	Coordination Team SPBE	Already done	ÿ	ÿ	ÿ	ÿ	ÿ
	2	Evaluation and Revision Architecture and Maps done SPBE Plan	Coordination Team SPBE	Already	ÿ	ÿ	ÿ	ÿ	ÿ

		3 Evaluation and Revision SPBE Management	Coordination Team SPBE	Already done	ÿ	ÿ	ÿ	ÿ	ÿ
		4 Evaluation and Revision SPBE Services	Coordination Team SPBE	Already done	ÿ	ÿ	ÿ	ÿ	ÿ
2 Management									
	A	Preparation of Guidelines Management							
		1 Guidelines Risk management							
		- Preparation of guidance documents Preparation of guidance documents Management SPBE Risk which contains a risk management framework SPBE, risk management process SPBE, risk management structure SPBE, SPBE risk culture	Inspectorate, Service Communication And Informatics	It is already done					
		- Preparation and implementation of program plans and implementation activities Management Risk	Inspectorate, Service Communication And Informatics	It is already done		ÿ			
		- Implementation of risk management through communication and consultation through regular meetings, incidental meetings, FGDs	Inspectorate, Service Communication And Informatics	It is already done		ÿ	ÿ	ÿ	ÿ
		- Determination of risk context SPBE	Inspectorate, Service Communication And Informatics	It is already done		ÿ	ÿ	ÿ	ÿ

			- Preparation of risk identification SPBE by describing the type of SPBE risk, causes, categories, impacts and impact areas	Inspectorate, Service Communication And Informatics	It is already done		ÿ	ÿ	ÿ	ÿ
			- Preparation Risk analysis SPBE by outlining the possibilities and impacts as well as the risk level of SPBE & Preparation of Risk evaluation SPBE	Inspectorate, Service Communication And Informatics	It is already done		ÿ	ÿ	ÿ	ÿ
			- Preparation plan handling SPBE risks by outlining options, risk management action plans, outputs, implementation schedules, and the person responsible	Inspectorate, Service Communication And Informatics	It is already done		ÿ	ÿ	ÿ	ÿ
			- Preparation of reports Management Periodic and incidental SPBE risks	Inspectorate, Service Communication And Informatics	It is already done		ÿ	ÿ	ÿ	ÿ
			- Preparation and determination of policies Management SPBE Risk	Inspectorate, Service Communication And Informatics	It is already done		ÿ			
			- Implementation of socialization, training, guidance and risk supervision SPBE by PDSI	Inspectorate, Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ

		2 Guidelines							
		Data Management							
		- Preparation of guidance documents Data Management <small>Ministry of Communication and Information</small>	Service Communication And Informatics	It is already done					
		- Preparation Data Architecture	Service Communication And Informatics	It is already done	ÿ				
		- Collection sectoral data in each work unit	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Checking compliance with sectoral data	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Dissemination of sectoral data	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Data Update Sectoral periodically	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Data storage on the Portal Open Data	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Guarantee Data quality includes data lists, priority data, and data update schedules	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		3 Guidelines							
		Management Service							
		- Formation of SK Helpdesk Team	Service Communication And Informatics	It is already done					
		- Utilization Ticketing System	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ

		- Evaluation & Performance Improvements Helpdesk Team	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		4 Guidelines HR Management ICT							
		- Job Analysis and Analysis Workload on position ICT	Body Staffing And Development Resource Man	Not done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Map Analysis Position	Body Staffing And Development Resource Man	Not done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Plan or report on the implementation of HR competency development ICT	Service Communication And informatics, Body Staffing And Development Resource Man	Not done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Analysis of training needs for ICT HR	Service Communication And informatics, Body Staffing And Development Resource Man	Not done	ÿ	ÿ	ÿ	ÿ	ÿ
		5 Guidelines Asset Management ICT							
		- Inventory SPBE assets (data, information, applications and infrastructure)	Service Communication And Informatics	Not done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Preparation of Asset planning documents ICT	Service Communication And Informatics	Not done	ÿ				ÿ

			- Preparation of Asset procurement reports ICT	Service Communication And Informatics	Not done	ÿ	ÿ	ÿ	ÿ ÿ	
			- Preparation of reports on deletions ICT Assets	Service Communication And Informatics	Not done	ÿ	ÿ	ÿ	ÿ ÿ	
		6	Guidelines Management Knowledge							
			- Preparation Guidelines Management Knowledge (Policy and SOUP)	Service Communication And Informatics	Not done	ÿ				
			- Implementation Management Knowledge	Service Communication And Informatics	Not done		ÿ	ÿ	ÿ	ÿ
			- Evaluation and Repair Management Knowledge	Service Communication And Informatics	Not done		ÿ	ÿ	ÿ	ÿ
		7	Guidelines Management Change							
			- Management SPBE changes Log Preparation Management Changes to Central work units Data and Information	Service Communication And informatics, Bureau Organization	Not done	ÿ				
			- Preparation of SOPs Management SPBE changes	Service Communication And informatics, Bureau Organization	Not done	ÿ				
			- Implementation Management SPBE changes	Service Communication And informatics, Bureau Organization	Not done		ÿ	ÿ	ÿ	ÿ

		8 Guidelines							
		Management Security Information							
		- Preparation of guidance documents Security Information	Service Communication And Informatics	It is already done					
		- Preparation of documents SPBE information security planning which contains work programs based on risk categories SPBE and its realization targets	Service Communication And Informatics	It is already done	ÿ				
		- Inventory all assets SPBE (data, information, applications and infrastructure), implementation of vulnerability identification and threat towards assets SPBE, measures the security level of SPBE risks by work units based on documents SPBE security planning	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ
		- Preparation SPBE technical standards and safety SOPs	Service Communication And Informatics	It is already done					
		- Implementation of socialization, training, guidance and supervision of SPBE security	Service Communication And Informatics	It is already done	ÿ	ÿ	ÿ	ÿ	ÿ

3 Services									
	A	Usage Survey SPBE							
		1 Satisfaction Survey Use Internal Applications	Service Communication And informatics, Bureau Organization	Not done		ÿ	ÿ	ÿ	ÿ
		2 Satisfaction Surveys Use Public Application	Service Communication And informatics, Bureau Organization	Not done		ÿ	ÿ	ÿ	ÿ
	B	Portal Development Public Service Integrated i							
		1 Preparation Design Concept Service Integration	Service Communication And Informatics	There isn't any yet					
		2 Development Portal Application Public Service	Service Communication And Informatics	There isn't any yet		ÿ	ÿ	ÿ	ÿ
	C	Portal Development Internal Services							
		1 Preparation Design Concept Service Integration	Service Communication And Informatics	There isn't any yet					
		2 Development Portal Application Internal Services	Service Communication And Informatics	There isn't any yet		ÿ	ÿ	ÿ	ÿ
4 Apps									
	A	Application Upgrade							
		1 Development SIMPDRD	Service Communication And Informatics	Already available			ÿ		
		2 Development Archive Application	Service Communication And Informatics	Already available		ÿ			
		3 e Development - Cooperative	Service Communication And Informatics	Already available				ÿ	

		4 Development SIMPLAN based on Android	Service Communication And Informatics	Already available				ÿ	
		5 Development DTKS Sukoharjo	Service Communication And Informatics	Already available		ÿ			
		6 Updates SIMPEG	Service Communication And Informatics	Already available			ÿ		
	B	Development New App							
		1 Integration (Tax and Levy Management with financial applications)	Service Communication And Informatics	There isn't any yet		ÿ			
		2 e-Billing	Service Communication And Informatics	There isn't any yet		ÿ			
		3 e-Tax Recon Center	Service Communication And Informatics	There isn't any yet		ÿ			
		4 e - ANJAB ABK	Service Communication And Informatics	There isn't any yet		ÿ			
		5 Information Systems Entrepreneurship Youth	Service Communication And Informatics	There isn't any yet		ÿ			
		6 Information Systems Scouting	Service Communication And Informatics	There isn't any yet		ÿ			
		7 Waste Banks	Service Communication And Informatics	There isn't any yet		ÿ			
		8 IPLC	Service Communication And Informatics	There isn't any yet		ÿ			
		9 e-Way	Service Communication And Informatics	There isn't any yet		ÿ			

	10	APPLICATION UPDATES SOLID	Service Communication And Informatics	There isn't any yet	ÿ			
	11	Information Systems Teacher Credit Score	Service Communication And Informatics	There isn't any yet	ÿ			
	12	e - MSMEs	Service Communication And Informatics	There isn't any yet	ÿ			
	13	SiKAPER	Service Communication And Informatics	There isn't any yet	ÿ			
	14	Registration System BPJS KIS PBI APBD	Service Communication And Informatics	There isn't any yet	ÿ			
	15	The CeMPIOn (Quick Application Serving Pol PP online)	Service Communication And Informatics	There isn't any yet	ÿ			
	16	e -Agenda	Service Communication And Informatics	There isn't any yet	ÿ			
	17	e - MSMEs Product marketing	Service Communication And Informatics	There isn't any yet	ÿ			
	18	Management Laboratory Environment	Service Communication And Informatics	There isn't any yet		ÿ		
	19	e -Food	Service Communication And Informatics	There isn't any yet		ÿ		
	20	e-SDA	Service Communication And Informatics	There isn't any yet		ÿ		
	21	e -Tower	Service Communication And Informatics	There isn't any yet		ÿ		
	22	e -Audit	Service Communication And Informatics	There isn't any yet		ÿ		

	23	e-Grants	Service Communication And Informatics	There isn't any yet				ÿ	
	24	SPP SPM Paperless	Service Communication And Informatics	There isn't any yet				ÿ	
	25	e-SKM	Service Communication And Informatics	There isn't any yet				ÿ	
	26	Simpang Lima Sukoharjo	Service Communication And Informatics	There isn't any yet				ÿ	
	27	Information Systems Index Development Sport	Service Communication And Informatics	There isn't any yet				ÿ	
	28	(existing) e - Resident (Registration and Data collection Vulnerable Population)	Service Communication And Informatics	There isn't any yet				ÿ	
	29	SIGATRAS (System Family Information Prosperous quality)	Service Communication And Informatics	There isn't any yet				ÿ	
	30	SIMEDUNI (System Information Safety Then Across Early Ages Android based)	Service Communication And Informatics	There isn't any yet				ÿ	
	31	SIMPO (System Information Parking Management On line)	Service Communication And Informatics	There isn't any yet				ÿ	
	32	GO JOB	Service Communication And Informatics	There isn't any yet				ÿ	
	33	READY TO WORK BLK	Service Communication And Informatics	There isn't any yet				ÿ	
	34	ONE SME DATA	Service Communication And Informatics	There isn't any yet				ÿ	

	35 e - Rusunawa	Service Communication And Informatics	There isn't any yet				ÿ	
	36 D Inscription	Service Communication And Informatics	There isn't any yet				ÿ	
	37 S ISANKE (System Information Compensation Death)	Service Communication And Informatics	There isn't any yet				ÿ	
C	Application Integration	Service Communication And Informatics	Already Done		ÿ ÿ		ÿ	ÿ
D	Portal Development Data and Dashboards (Big Data)	Service Communication And Informatics	There isn't any yet		ÿ ÿ			
E	Application Maintenance	Service Communication And Informatics	Already Done		ÿ ÿ		ÿ	ÿ
5	Infrastructure							
A	Capacity Increase Room and Supporting Devices Server Room	Service Communication And Informatics	It already exists but is limited	ÿ				
B	Preparation of Plans Capacity (Capacity Plan) Infrastructure Main Server Room	Service Communication And Informatics	There isn't any yet		ÿ			
C	Capacity Increase Recovery Center Disaster	Service Communication And Informatics	There isn't any yet		ÿ			
D	Recovery Trial Disaster Overall Periodic	Service Communication And Informatics	There isn't any yet			ÿ	ÿ	ÿ
E	Increased Capacity and Reliability Network Infrastructure Core	Service Communication And Informatics	Already There are but not yet redundant	ÿ				
F	Network Procurement Metropolitan Areas Network (MAN) Device Region/UPT	Service Communication And Informatics	There isn't any yet	ÿ	ÿ	ÿ	ÿ	ÿ

	G	Development Network Infrastructure Wireless Data (WiFi) Integrated	Service Communication And Informatics	There isn't any yet	ÿ	ÿ			
	H	Developer System Security Service Liaison SPBE	Service Communication And Informatics	There isn't any yet	ÿ	ÿ	ÿ	ÿ	ÿ
6 Security									
	A	Architectural Drafting SPBE Security	Service Communication And Informatics	There isn't any yet	ÿ	ÿ	ÿ	ÿ	ÿ
	B	Preparation of SOPs Data Security and Information	Service Communication And Informatics	There isn't any yet	ÿ	ÿ	ÿ	ÿ	ÿ
	C	Preparation of SOPs Application Security SPBE	Service Communication And Informatics	There isn't any yet	ÿ	ÿ	ÿ	ÿ	ÿ
	D	Preparation of SOPs System Security Service Liaison	Service Communication And Informatics	There isn't any yet	ÿ	ÿ	ÿ	ÿ	ÿ
	E	Preparation of SOPs Network Security Intra Government	Service Communication And Informatics	There isn't any yet	ÿ	ÿ	ÿ	ÿ	ÿ
	F	Vulnerability Assessment and Testing Network Penetration, Servers, and Applications	Service Communication And Informatics	There isn't any yet	ÿ	ÿ	ÿ	ÿ	ÿ
7 ICT Audit									
	A	Implementation of ICT Audits							
	1	Audit Implementation SPBE Infrastructure	Inspectorate, Service Communication And Informatics	It is already done	ÿ		ÿ		ÿ
	2	Audit Implementation SPBE application	Inspectorate, Service Communication And Informatics	It is already done	ÿ		ÿ		ÿ
	3	Audit Implementation SPBE Security	Inspectorate, Service Communication And Informatics	It is already done	ÿ		ÿ		ÿ

8	ICT HR								
	A	Team Building Internal Developer							
	2	Team Recruitment Developer	Service Communication And Informatics	Not done	ÿ	ÿ	ÿ	ÿ	ÿ
	3	Improvements Team Competency Developer	Service Communication And Informatics	Not done	ÿ	ÿ	ÿ	ÿ	ÿ
	B	Maintenance ICT HR Training	Service Communication And Informatics	Already Done	ÿ	ÿ	ÿ	ÿ	ÿ

CHAPTER IV
CLOSING

The Sukoharjo Regency SPBE Plan Map Document for 2023 - 2026 contains the SPBE development targets containing various initiatives that are used as guidelines for building, developing and implementing the Sukoharjo Regency SPBE, and is described in the strategic plan stages, descriptions of strategic initiatives and strategic plans.

The stages of the SPBE development strategic plan in Sukoharjo Regency include the development stages of SPBE governance, SPBE management, SPBE services, SPBE applications, SPBE infrastructure, information security, SPBE audits and SPBE human resources. The timing for the SPBE development stages is described in the form of a *roadmap* that maps the development stages in the aspects of SPBE governance, SPBE management, SPBE services, SPBE applications, SPBE information security infrastructure, SPBE audits and SPBE human resources. Each stage is translated into an implementation project plan which contains details of the name of the activity program, operational activities, year of implementation, person responsible for the activity.

The Sukoharjo Regency SPBE Plan Map document is not a static document, but is a living and flexible document. The Sukoharjo Regency SPBE *Plan Map* document must always be reviewed and realigned in line with developments in Information and Communication Technology (ICT) as well as changes that occur in the Sukoharjo Regency Government organization.

In the end, the Sukoharjo Regency SPBE Plan Map document can be a reference in building an Electronic-Based Government System in Sukoharjo Regency in order to realize *good governance* in Sukoharjo Regency that is effective, efficient, transparent and integrated.

REGENT SUKOHARJO,

signed.

ETIK SURYANI