

SSP Framework



A man in a dark suit and white shirt is shown from the chest up, looking upwards and to the right with a thoughtful expression, his right hand raised to his chin. The background is a solid blue color with a fine grid pattern. Numerous question marks of varying sizes and colors (black, white, and blue) are scattered across the image, some appearing to float in the air. The text "What is the SSP?" is centered in white, bold, sans-serif font.

What is the SSP?



An integrated set of regulations and activities aimed at improving safety

Objectives of the SSP

Ensure that the State has implemented a minimum regulatory framework




Ensure harmonization amongst regulatory and administrative organizations



Facilitate monitoring and measurement of the aggregate safety performance of the industry



Coordinate and continuously improve safety management functions; and



Support effective implementation and interaction with the service provider's SMS.

A man in a dark suit and white shirt is shown from the chest up, looking thoughtful with his hand to his chin. The image is overlaid with a semi-transparent blue rectangle that contains the text. The background is white with several question marks scattered around. The text is in a bold, white, sans-serif font.

**STATE SAFETY
MANAGEMENT
RESPONSIBILITIES**

Performance-based approach

Safety management

Prescriptive approach



Performance-based approach



Effective safety management

Equivalent level of safety

Safety management performance must be equivalent to, or better than, that of the prescriptive regulatory framework.



The background features a large, semi-transparent watermark of the ICAO logo. The logo consists of a central globe with latitude and longitude lines, flanked by two olive branches. The globe is set within a circular frame. The text 'ICAO' is written in a semi-circle above the globe, and 'OACI' is written in a semi-circle below it. The Chinese characters '国际民航组织' are also visible in a semi-circle at the bottom.

CRITICAL ELEMENTS (CEs)

Application of CEs

States must take into account the critical elements (CEs) in order to implement an effective safety oversight system (SSO)



A man in a dark suit and white shirt is shown from the chest up, looking upwards and to the right with a thoughtful expression, his right hand raised to his chin. The background is a solid blue color with a fine grid pattern. Numerous question marks of various sizes and shades of blue and black are scattered across the image, some overlapping the man's face and suit. The text 'WHY AN SSP?' is centered in white, bold, uppercase letters over the man's face.

WHY AN SSP?

Why an SSP?

To enable an effective relationship with service providers and their safety management systems (SMS).



Anexo 19 al Convenio sobre Aviación Civil Internacional

Gestión de la seguridad operacional

Segunda edición, julio de 2016

SSP Implementation

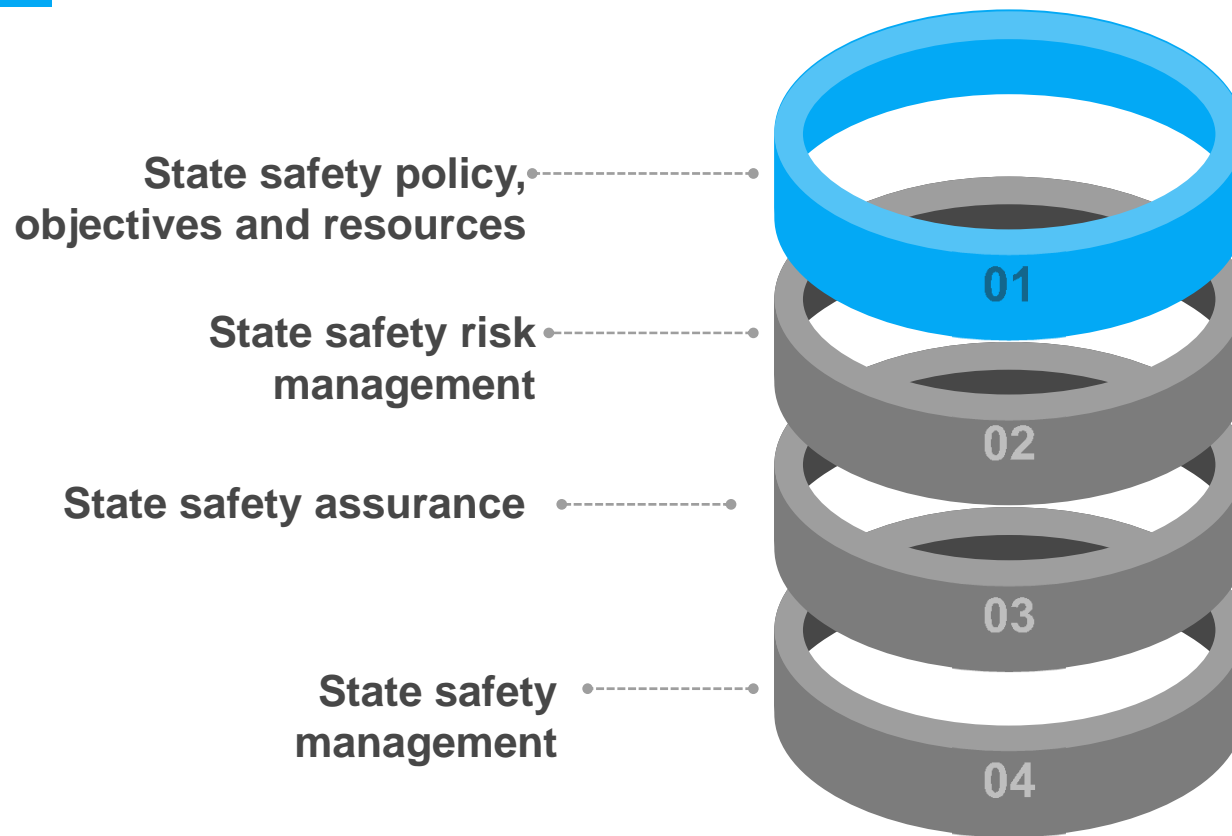




States shall establish and maintain an SSP that is commensurate with the size and complexity of the State's civil aviation system

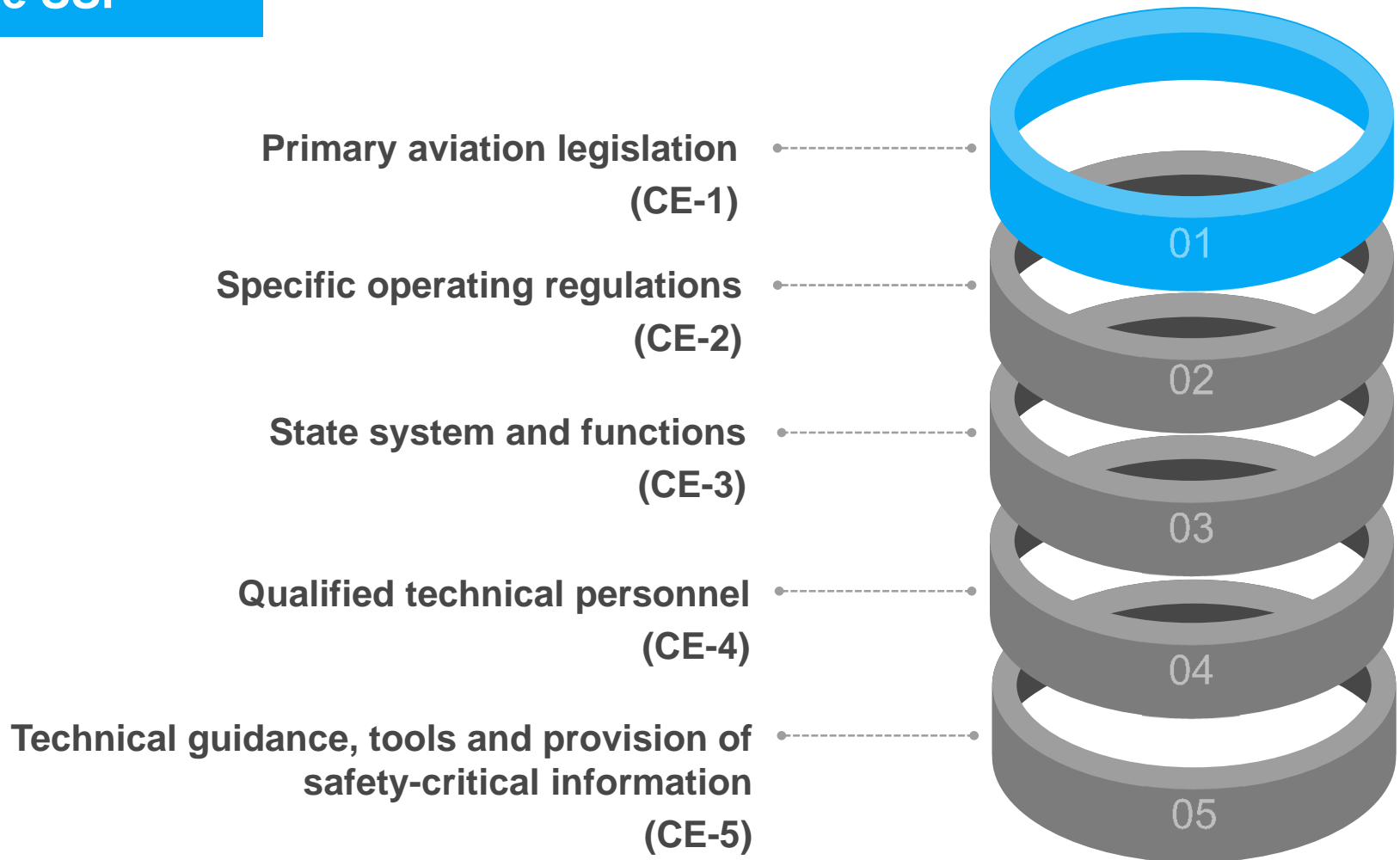
Composition of the SSP

The SSP has four (4) components and fourteen (14) elements.



**Component 1
of the SSP**

State safety policy, objectives and resources



**Component 2
of the SSP**

State safety risk management

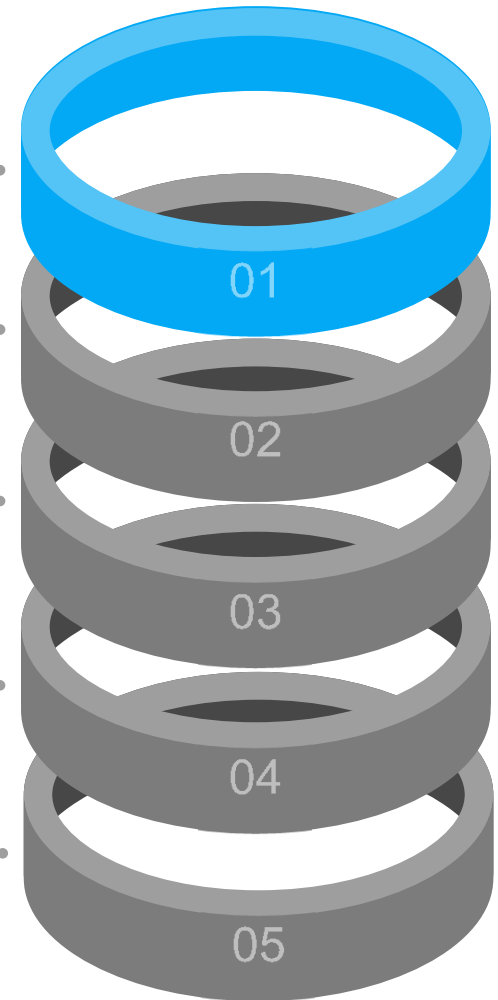
Licensing, certification, authorization and approval obligations (CE-6)

Safety management system obligations

Accident and incident investigation

Hazard identification and safety risk assessment

Management of safety risks (CE-8)

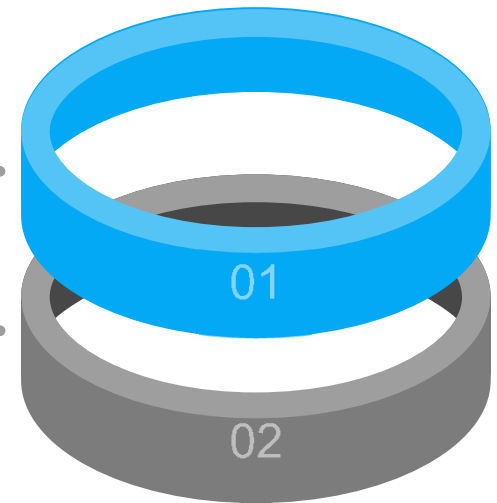


**Component 3
of the SSP**

3.4 State safety assurance

Surveillance obligations (CE-7)

State safety performance

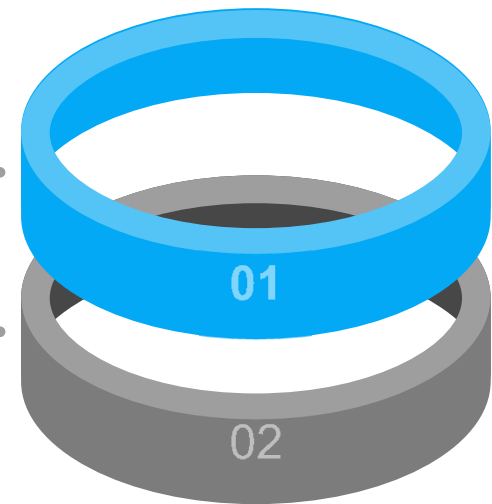


**Component 4
of the SSP**

State safety promotion


**Internal communication and dissemination of
safety information**

**External communication and dissemination of
safety information**





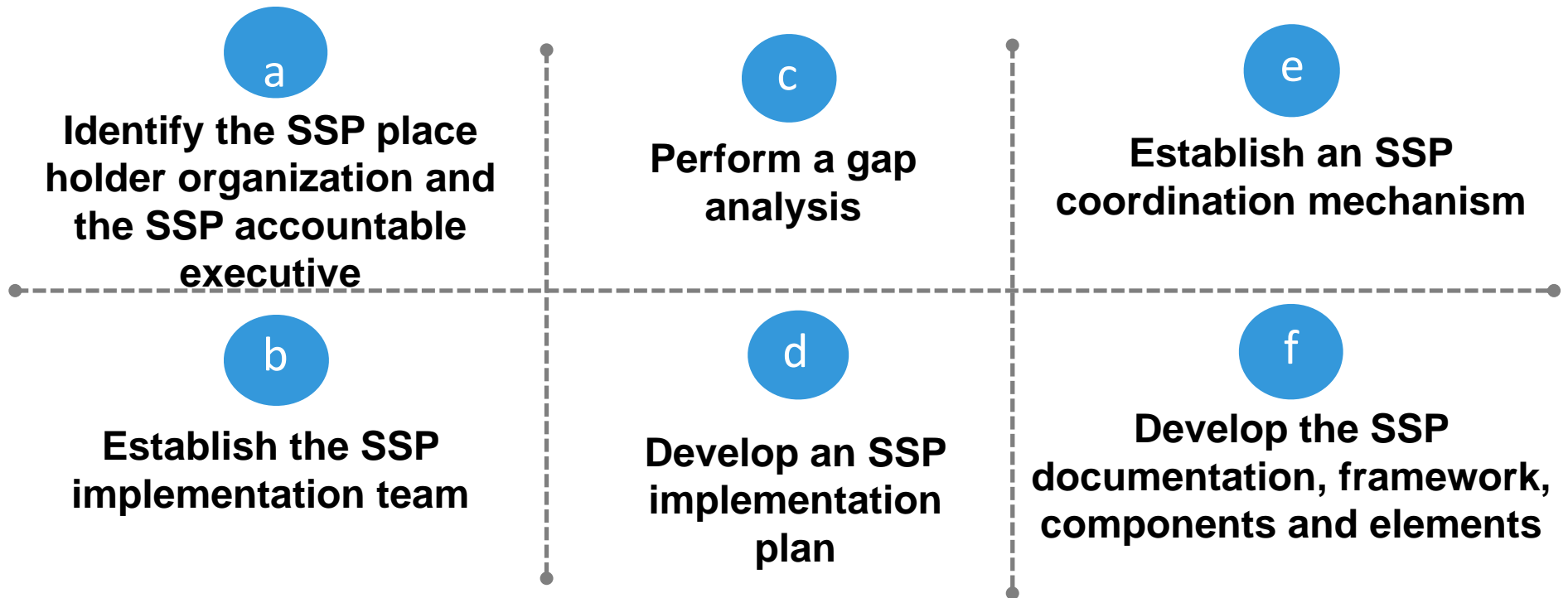
SSP IMPLEMENTATION PHASES (STAGES)


A group of people holding hands in a circle, overlaid with a blue grid pattern. The image is a composite of a photograph of a group of people holding hands in a circle, overlaid with a semi-transparent blue grid pattern. The text is centered in the middle of the image.

**“Phase 1 of SSP
implementation”**

Phase 1
Item 1.2 (i)

State safety responsibilities



A group of stylized human figures holding hands in a circle, overlaid on a blue textured background. The figures are rendered in a simple, rounded style and are arranged in a circular formation, symbolizing unity and collaboration. The background is a solid blue color with a fine, grid-like texture.

“Phase 2 of SSP implementation”

Phase 2

1

Ele. 1.1 – Establish a national legislative safety framework

2

Ele. 1.2 (ii) b) – Define and document the policy and objectives

4

Ele. 1.4 (i) - Establish basic enforcement (penalty) legislation

2

Ele. 1.2 (ii) a) – Identify, define and document the safety management responsibilities

3

Ele. 1.3 – Establish an accident and serious incident investigation process

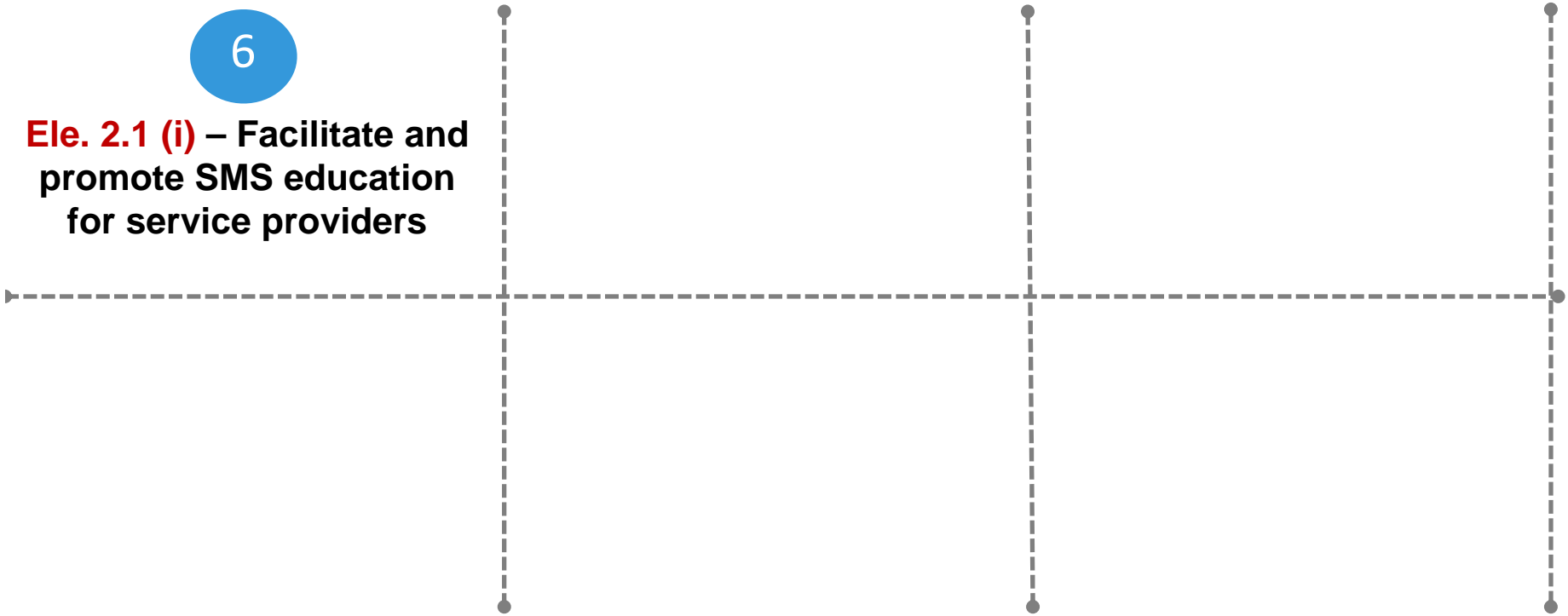
5


Ele. 3.1 (i) – State oversight and surveillance of its service providers

Phase 2 (cont.)

6

Ele. 2.1 (i) – Facilitate and promote SMS education for service providers





**“Phase 3 of SSP
implementation”**

Phase 3

1. Ele. 1.4 (ii) – Promulgate enforcement policy/legislation that includes:

1

Ele. 1.4 (ii) a) – Provisions for service providers to deal with and resolve safety and quality deviations internally

1

Ele. 1.4 (ii) c) Provisions to prevent use of data for purposes other than safety improvement

2

Ele. 2.1 (ii) – Develop harmonized regulations to require the implementation of SMS

1

Ele. 1.4 (ii) b) – Conditions and circumstances under which the State may deal with safety deviations

1

Ele. 1.4 (ii) d) Provisions to protect the sources of information obtained from voluntary/confidential reporting systems

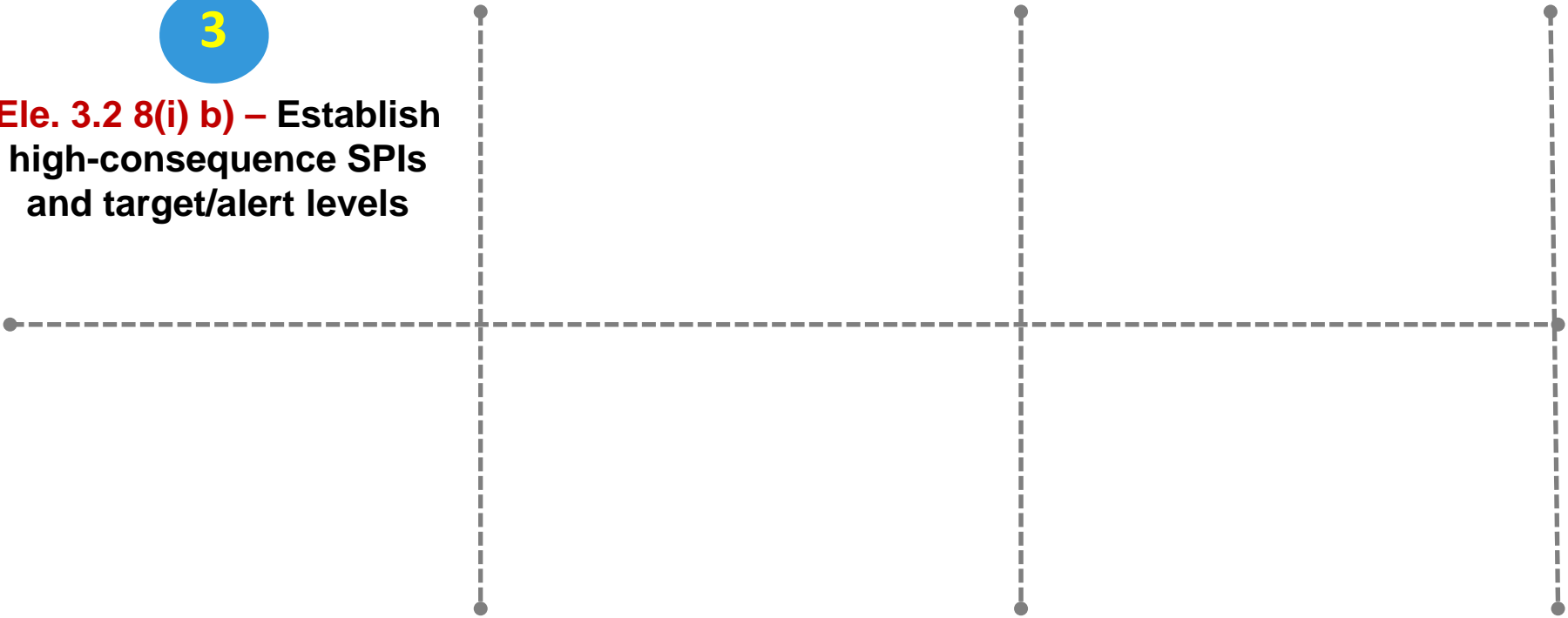
3


Ele. 3.2 (i) a) – Establish data collection and exchange systems

Phase 3 (cont.)

3

**Ele. 3.2 8(i) b) – Establish
high-consequence SPIs
and target/alert levels**





**“Phase 4 of SSP
implementation”**

Phase 4

1

Ele. 2.2 – Review and agree upon the service provider's SPIs

2

Ele. 3.1 (ii) – Incorporate the service provider's SMS and SPIs into the routine surveillance programme

3

Ele. 3.2 (ii) a) – Implement voluntary/confidential reporting systems

3

Ele. 3.2 (ii) b) – Establish lower-consequence safety/quality performance indicators with target/alert level monitoring as appropriate

3

Ele. 3.2 (ii) c) – Promote safety information exchange with and amongst service providers and other States

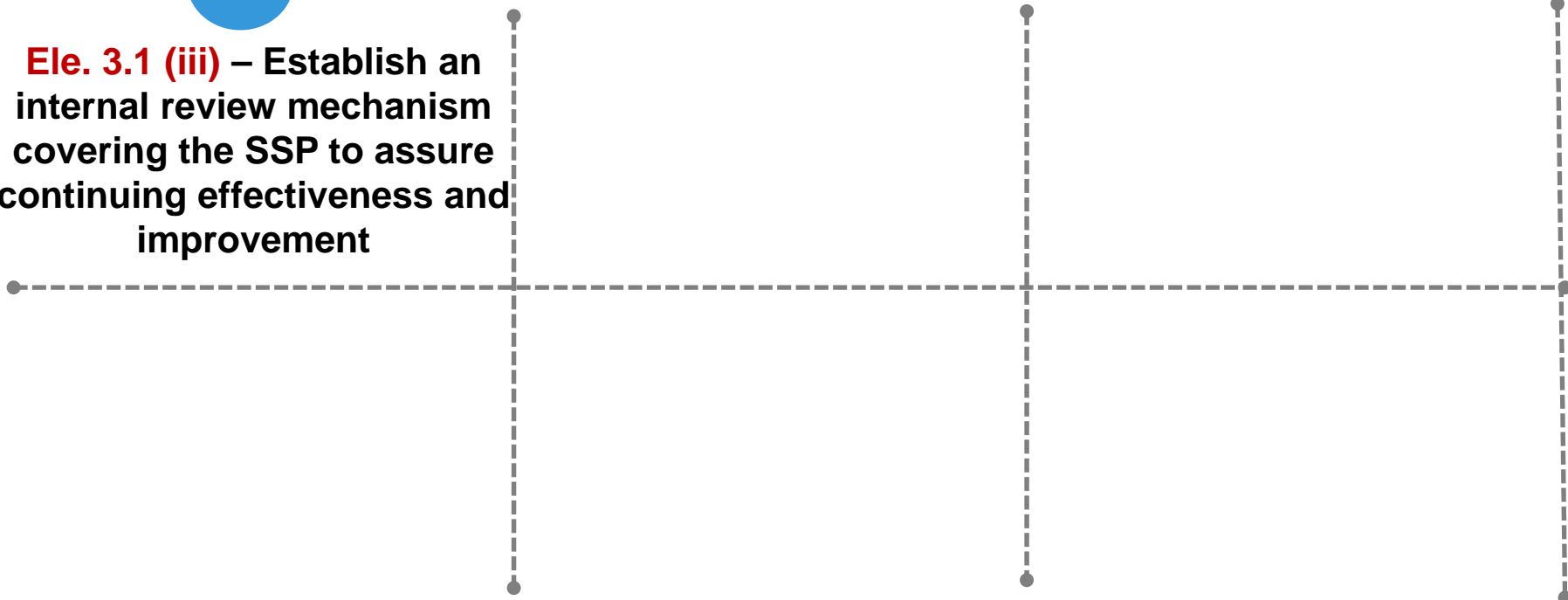
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Ele. 3.3 – Prioritize inspections and audits based on the analysis of safety risk or quality data where applicable

Phase 4 (cont.)

5

Ele. 3.1 (iii) – Establish an internal review mechanism covering the SSP to assure continuing effectiveness and improvement

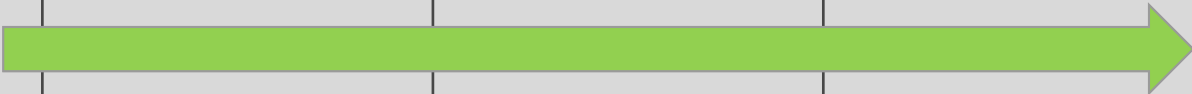
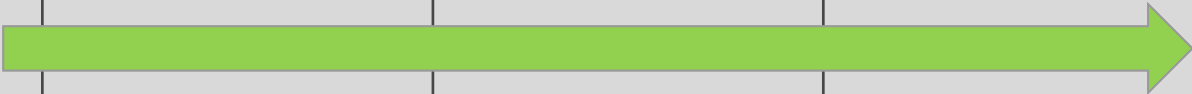


SSP Implementation Phases

Table 4-1. An example of four phases of SSP implementation

<i>Phase 1 (12 months)</i>	<i>Phase 2 (12 months)</i>	<i>Phase 3 (24 months)</i>	<i>Phase 4 (24 months)</i>
<p>1. SSP Element 1.2 (i):</p> <ul style="list-style-type: none"> a) identify the SSP place holder organization and the accountable executive; b) establish the SSP implementation team; c) perform an SSP gap analysis; d) develop an SSP implementation plan; e) establish an SSP coordination mechanism; f) develop the required SSP documentation including the State's SSP framework, its components and elements. 	<p>1. SSP Element 1.1: Establish a national safety legislative framework.</p> <p>2. SSP Element 1.2 (ii):</p> <ul style="list-style-type: none"> a) identify, define and document the safety management responsibilities and accountabilities; b) define and document the State safety policy and objectives. <p>3. SSP Element 1.3: Establish an accident and serious incident investigation process.</p> <p>4. SSP Element 1.4 (i): Establish basic enforcement (penalty) legislation.</p>	<p>1. SSP Element 1.4 (ii): Promulgate enforcement policy/legislation that includes:</p> <ul style="list-style-type: none"> a) provisions for service providers operating under an SMS to deal with and resolve safety and quality deviations internally; b) conditions and circumstances under which the State may intervene with safety deviations; c) provisions to prevent use or disclosure of safety data for purposes other than safety improvement; d) provisions to protect the sources of information obtained from voluntary/ 	<p>1. SSP Element 2.2: Review and agree upon the service provider's safety performance indicators.</p> <p>2. SSP Element 3.1 (ii): Incorporate the service provider's SMS and safety performance indicators into the routine surveillance programme.</p> <p>3. SSP Element 3.2 (ii):</p> <ul style="list-style-type: none"> a) implement voluntary/confidential safety reporting systems; b) establish lower-consequence safety/quality indicators with target/alert level monitoring as appropriate; c) promote safety

SSP Implementation phases

Phase 1 (12 months)	Phase 2 (12 months)	Phase 3 (24 months)	Phase 4 (24 months)
Ele. 4.1			
Ele. 4.2			



Questions?



Thank you

for your time and attention