

# HEALTHCARE FACILITIES' SAFETY IN 2030 VISION



الإدارة العامة للأمن والسلامة  
Safety & Security Department



By ..

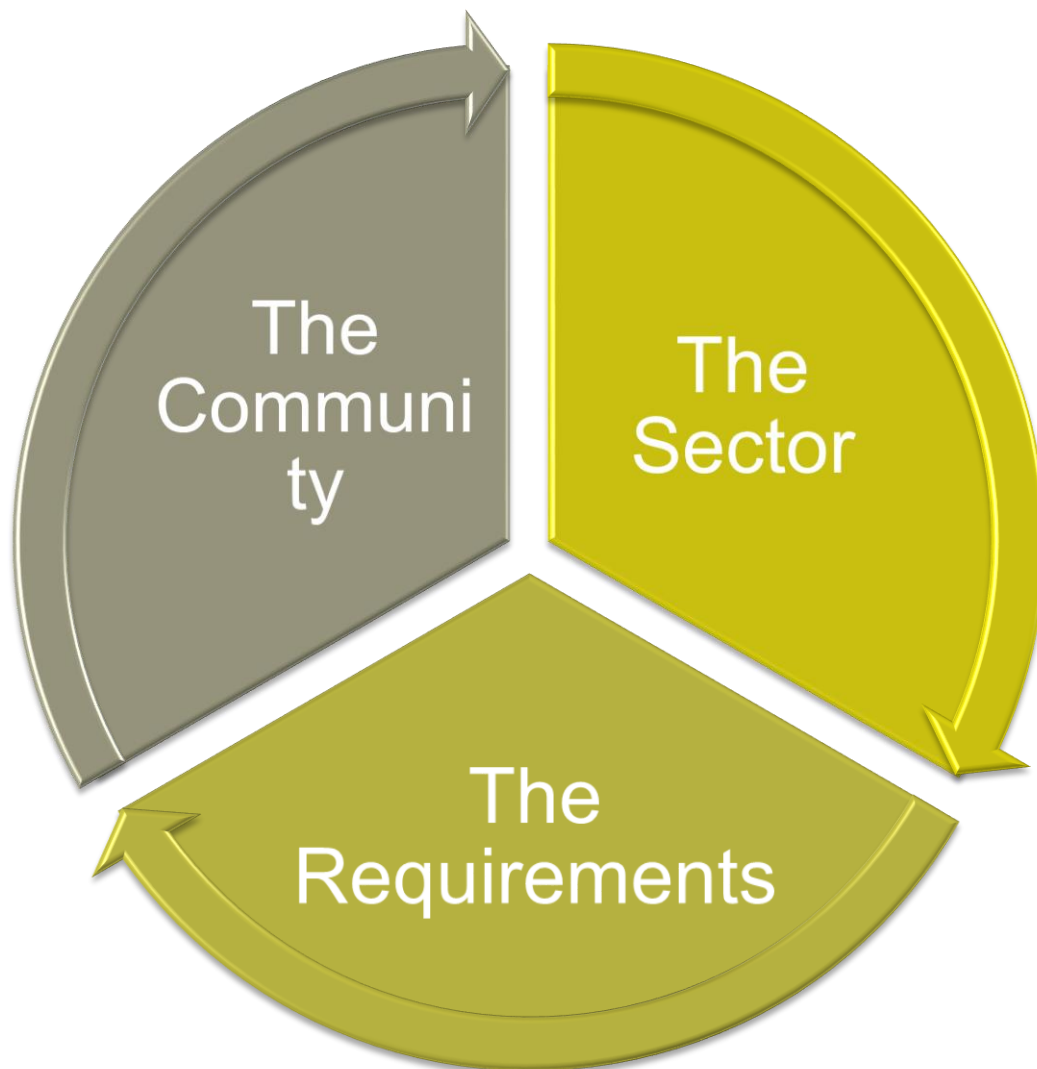
Eng. Anas A. Alzaid, CE

Director of Safety & Security of MOH



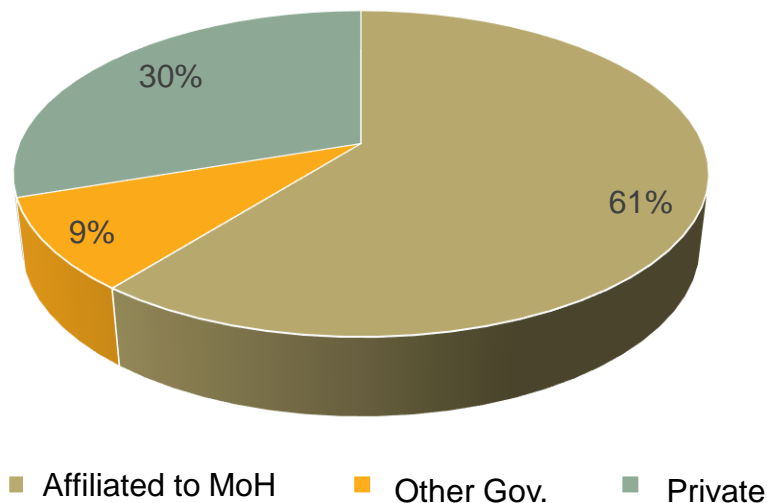
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# TITLE

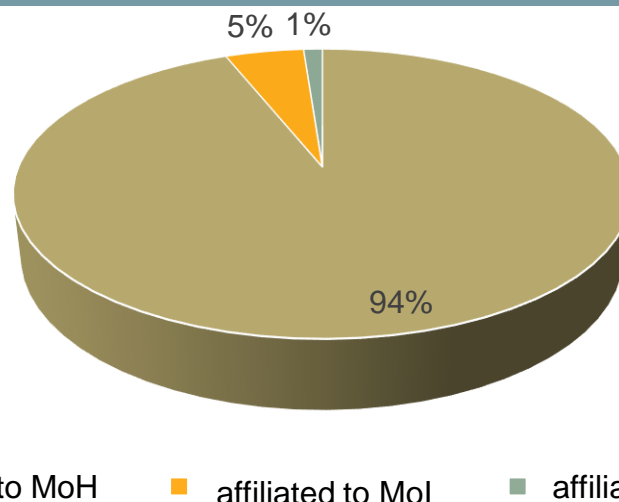




# The Saudi Healthcare Sector



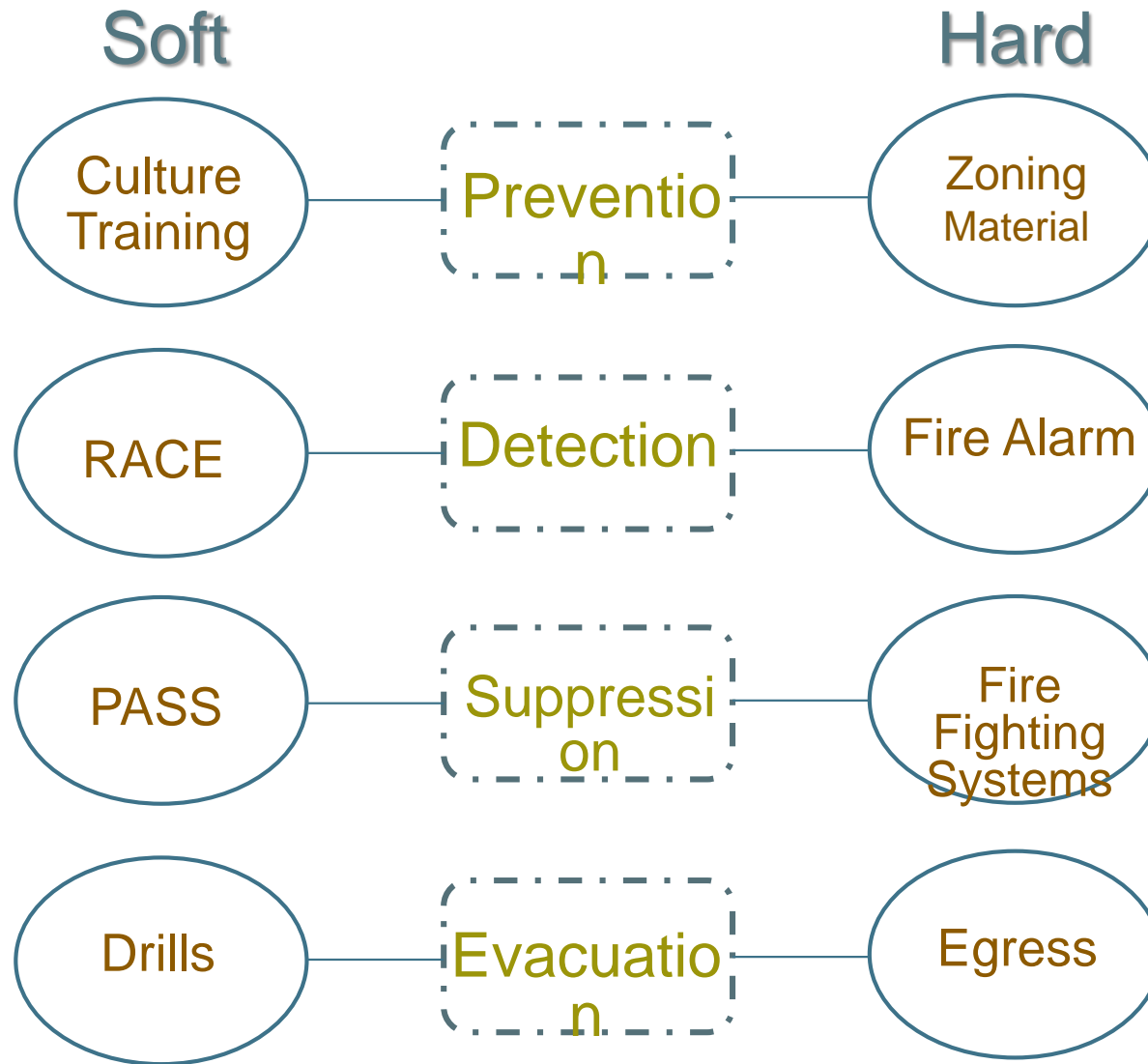
Type	No.	Per.
Hospitals affiliated to the Ministry of Health	273	% 60.7
Other government hospitals affiliated to (National Guard, Military, Security Forces, etc.)	41	% 9.1
Private hospitals	136	% 30.2
Total	450	% 100.0



■ Affiliated to MoH    ■ affiliated to MoI    ■ affiliated to MoDA

Type	No.
A primary healthcare affiliated to MoH	2400
A primary health center affiliated to MoI	125
A primary health center affiliated to MoDA	30
<b>Total</b>	<b>2555</b>

# The Requirements



# The

# Community



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وزارة الصحة  
Ministry of Health



# Community

- ❑ People Culture

  - Poor Saudi Safety Culture (i.e. Traffic)
  - Healthcare Multinational Cultures

- ❑ NGO

  - New Country 1932
  - Saudi Council of Engineering 2002
  - NFPA 1896 ASHRAE 1894

- ❑ Government

  - Enforcement vs Regulatory
  - Missing elements of the array (OSHA)
  - The Usual Govts bureaucratic dysfunction (CD)

**Thursday 13 Rabi I, Dec 24,2015**

**MoH Lost 21 Patients and 4 Escorts  
in  
Jizan Hospital Fire**



# Jizan Hospital Fire



# MOH Plan to Ensure Facilities Safety

# Ministry of Health' plan to develop the Safety Sector

- Set Facilities Safety as Priority
- Restructuring
- Developed 6 phases plan
- Empowering General Directorate of Safety and Security  
**GDSS**

# First Phase : Quick Fixes

- By GDSS
- Immediate
- Such as Locked Emergency doors, Storage,..
- Systems Verifications

**Timeframe:**  
Three Months

**completed:**

Makkah – Taif – Jeddah – Northern Borders  
Hail – AlBahah - Asir – Hafar AlBatin – AlAhsa  
Eastern Province - AlJouf – Jazan – AlQasim  
AlQunfudhah - Qurayya

# Second Phase : Professional Safety Assessment

- Professional Safety Assessment
- International Safety Consultants Firms
- According Life Safety Code (NFPA 101, NFPA 99)

## Companies:



## Timeframe:

Six months after plan Approval

# Third Phase : Safety Management System

- Two Programs: - Training  
- Plans, Policies and Procedures
- In Collaboration with SPSC (Saudi Patient Safety Center)
- Basic and Advanced

## Time Frame:

One year after adoption plans and programs

# Fourth Phase : Total Facilities Review

- Review alterations over the years
- Implement Phase 2 reports recommendations
- All engineering

Time frame:  
3 years

# Fifth Phase : Total Facilities Review

- GDSS Unit
- New projects
- Design Review
- Verification and Validation
- Third Party

Time frame:  
Permanent

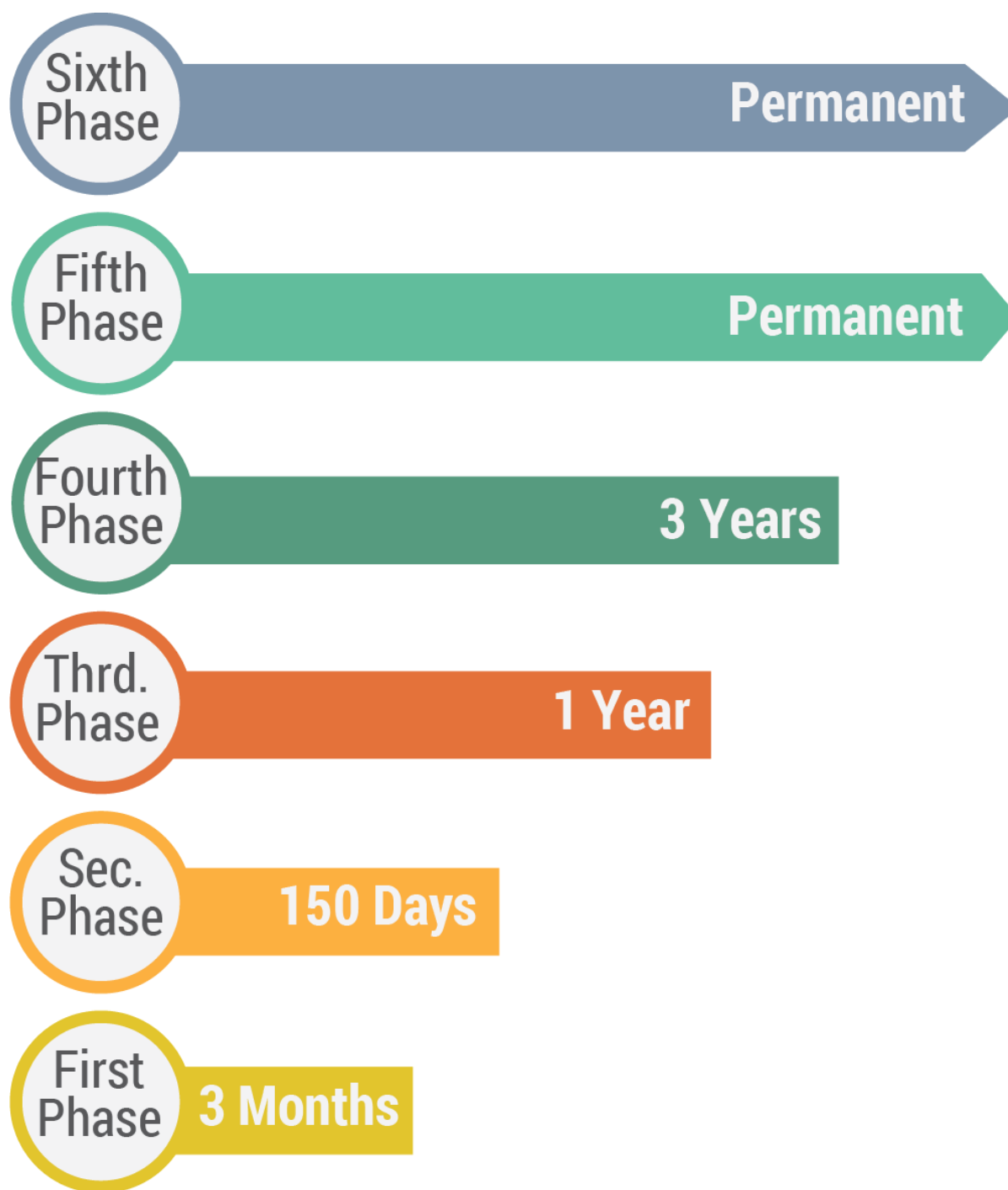


# Sixth Phase : Testing and Commissioning

- GDSS Unit
- Completed Projects
- All safety systems testing and commissioning

**Time frame:**  
Permanent

# The time frame for implement the Phases





رؤية VISION

2030



المملكة العربية السعودية  
KINGDOM OF SAUDI ARABIA

# THE NATIONAL TRANSFORMATION

## PROGRAM

Strategic Objective (1)	Increase private sector share of spending through alternative financing methods and service provision
Strategic Objective (2)	Increase the efficient utilization of available resources
Strategic Objective (3)	Improve the efficiency and effectiveness of the healthcare sector through the use of information technology and digital transformation
Strategic Objective (4)	Increase training and development both locally and internationally
Strategic Objective (5)	Increase the attractiveness of nursing and medical support staff as a preferred career path
Strategic Objective (6)	Improve healthcare provision before hospitalization and in the main hospitals (ER & ICU)
Strategic Objective (7)	Improve integration and continuity in service provision by developing the primary care
Strategic Objective (8)	Improve the infrastructure, facility management, and safety standards in healthcare facilities
Strategic Objective (9)	Attain acceptable waiting times across all stages of service delivery
Strategic Objective (10)	Improve governance in the health system in order to enhance accountability with regards to quality issues and patient safety
Strategic Objective (11)	Adopt a national plan for emergency response to public health threats per international standards
Strategic Objective (12)	Identify additional sources of revenues
Strategic Objective (13)	Improve public health services with focus on obesity and smoking
Strategic Objective (14)	Improve the quality of life and healthcare service provided to patients outside hospitals
Strategic Objective (15)	Improve quality and safety principles as well as skills of service providers



# National Transformation Program 2020

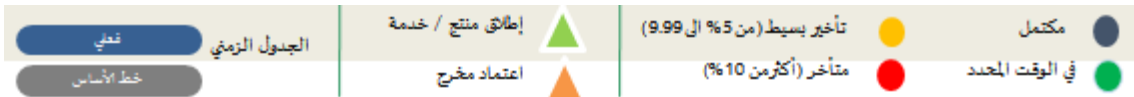
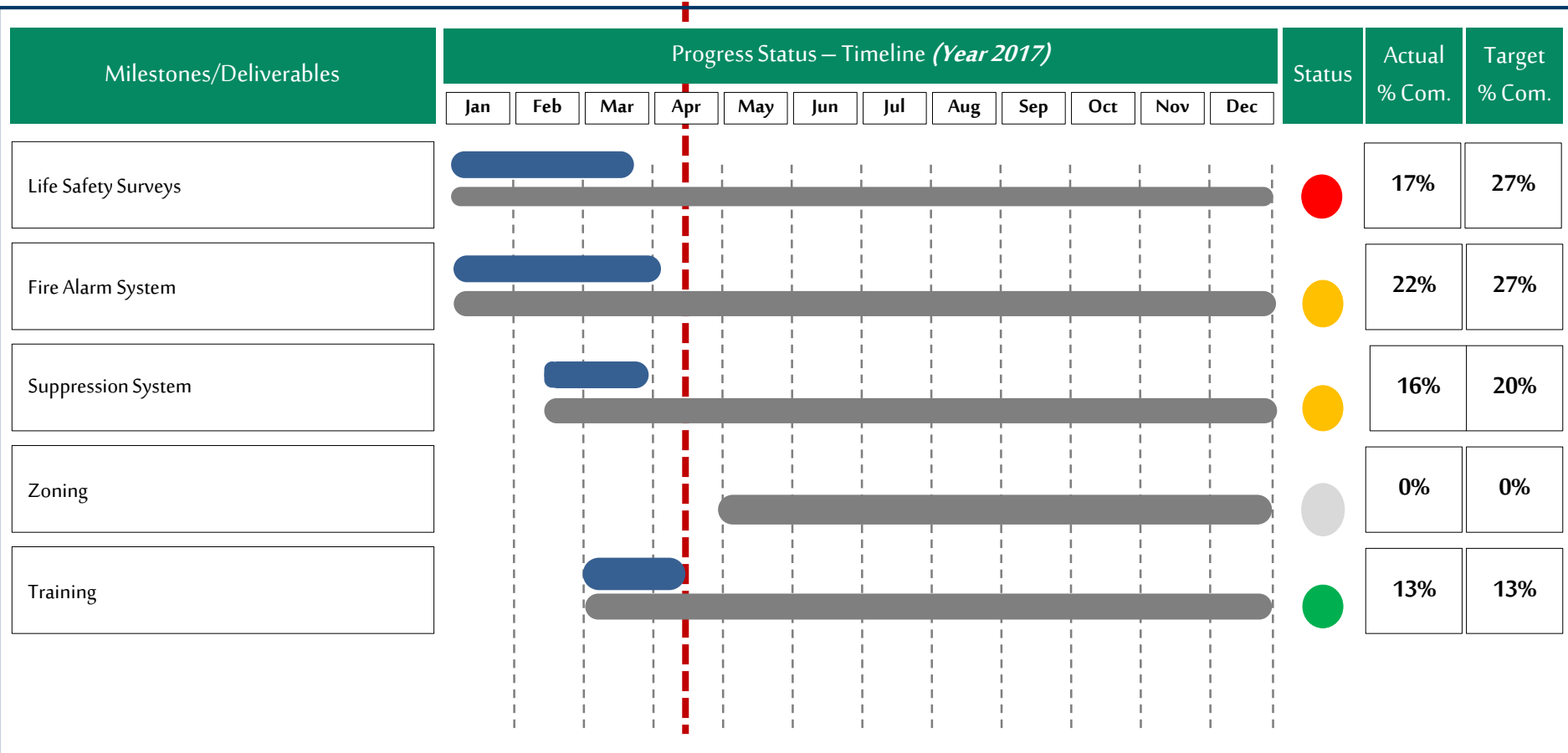
**SR 1 Billion within 3 Years**

**The National Program for the  
Safety of healthcare facilities**



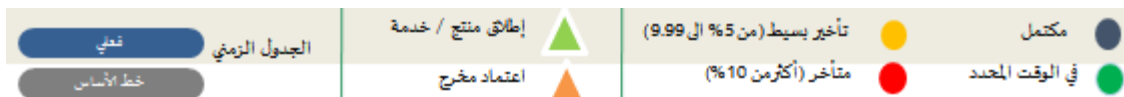
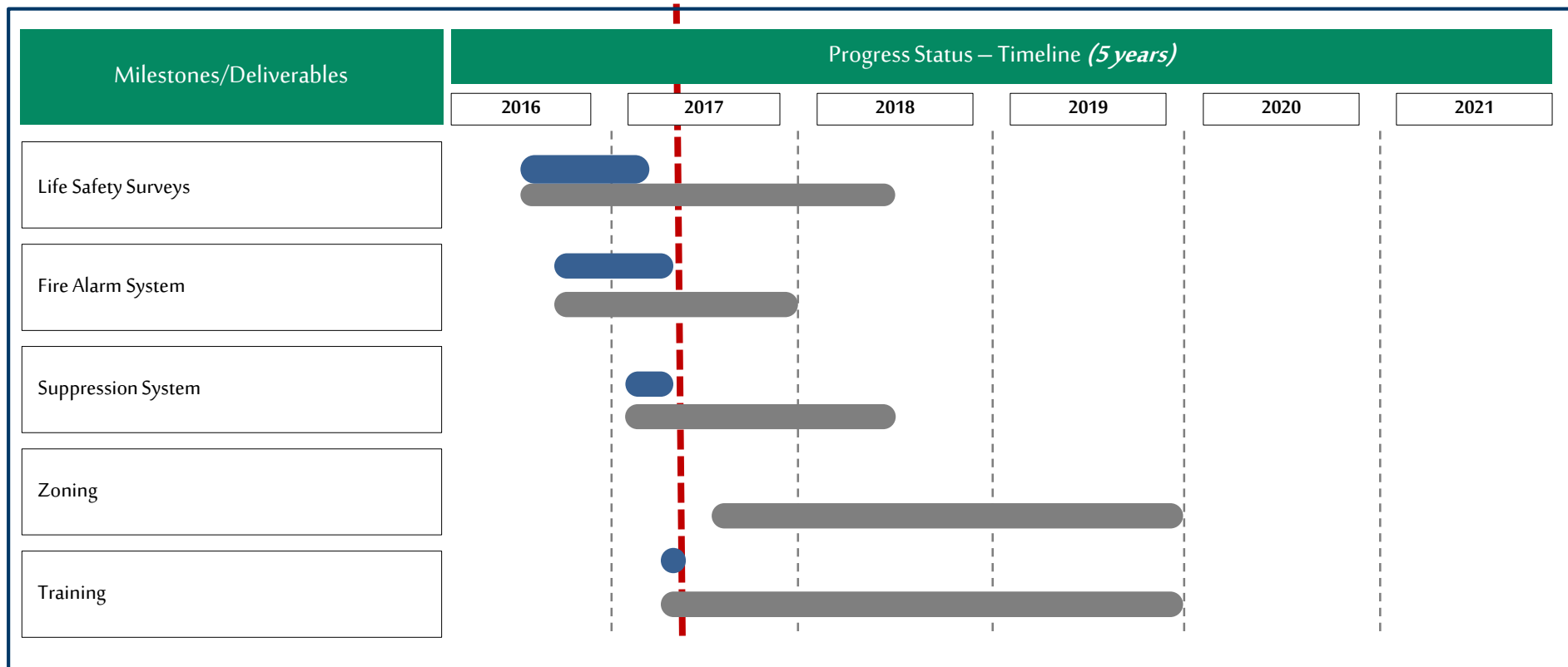
# 2017 Progress

09 – April



# 3 Years Plan

09 – April





# History Tells us

St. Anthony Hospital (Illinois)  
April 4, 1949  
74 deaths

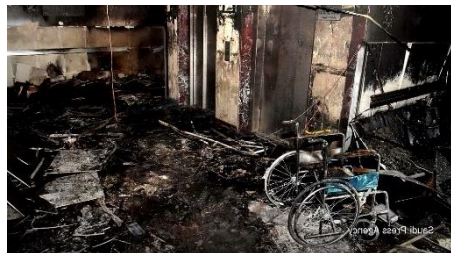


Mercy Hospital, St. Elizabeth's Ward (Iowa)  
January 7, 1950  
41 deaths



Only in 2014, after 64 years, 0 Fire fatality

**Is Jizan Hospital Fire the turning  
point for us?  
Or do we need more Disasters?**





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Ministry of Health



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THANK YOU ..