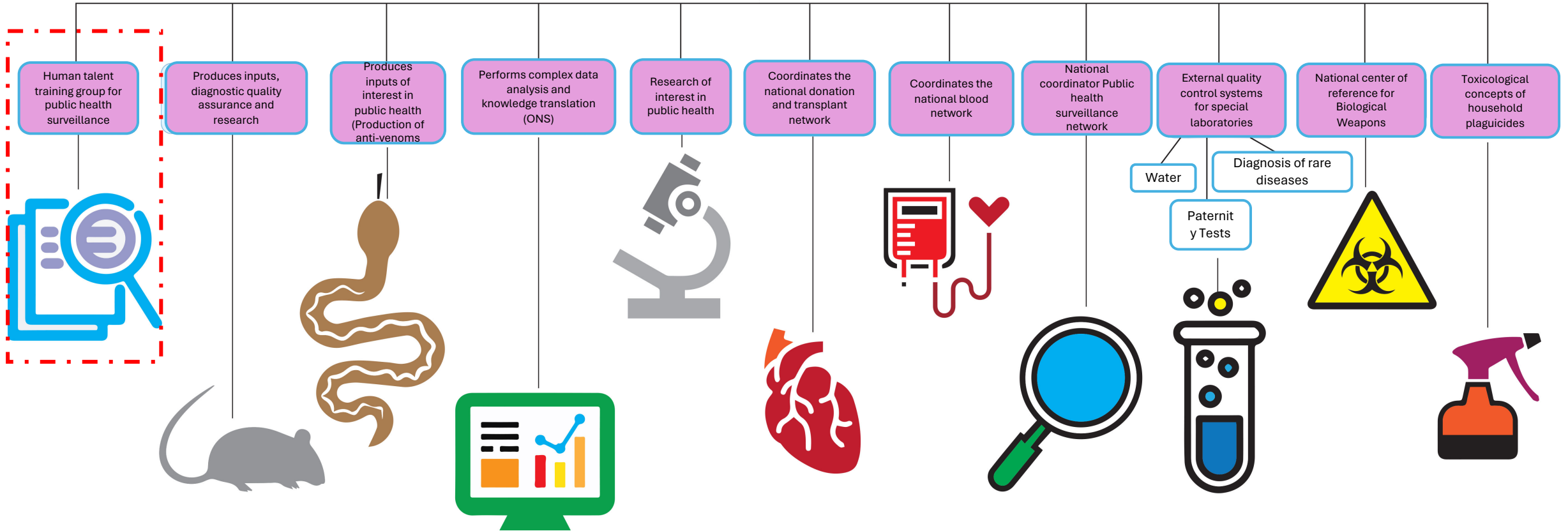


Instituto Nacional de Salud de Colombia Planning for Maturity

National Institute of Health –Colombia Planning for Advanced Development Stage

Franklyn Prieto – MD, FETP, PhD, SR
Department of Public Health Surveillance and Risk Analysis

NATIONAL INSTITUTE OF HEALTH



THE STAGED DEVELOPMENT TOOL (SDT)

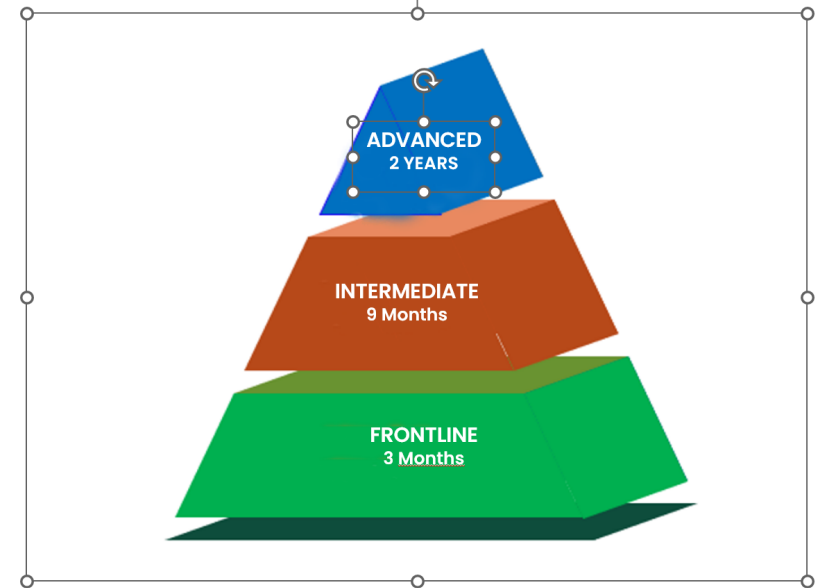
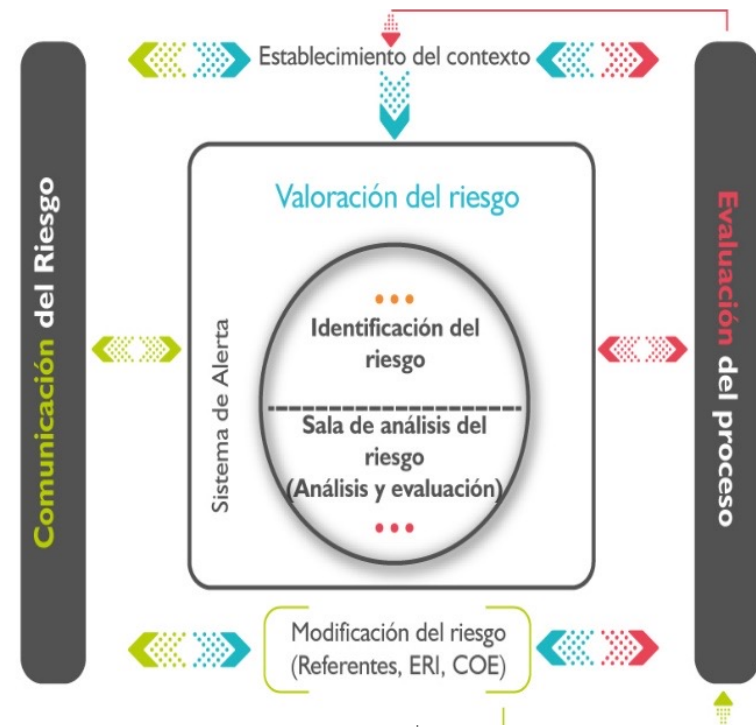
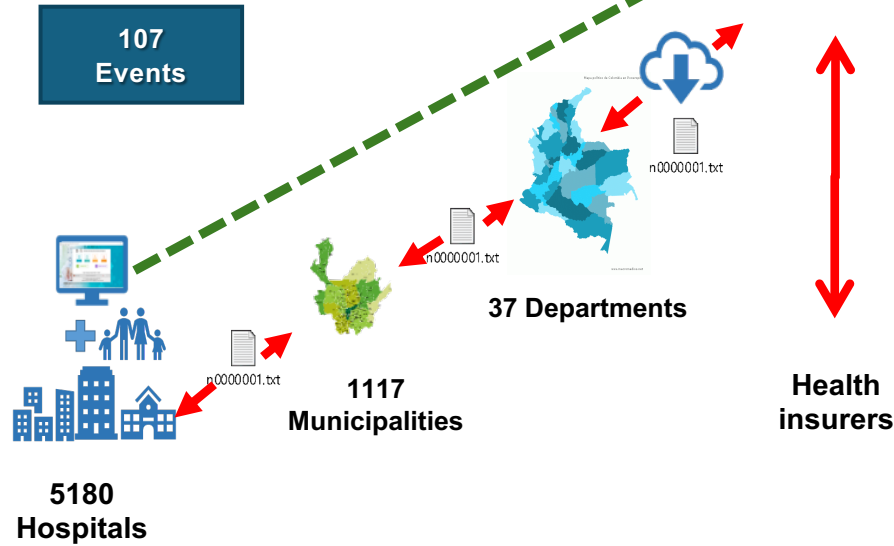
FUNCTIONS	BASIC			DEVELOPING			ADVANCED			LEADING EDGE			Discussion Guide
	1	2	3	4	5	6	7	8	9	10	11	12	
	L	M	H	L	M	H	L	M	H	L	M	H	
Planning	[Yellow]						[Orange]						1
Management of organizational information	[Yellow]						[Orange]						7
External Communication about the NPHI and its Activities	[Yellow]						[Orange]						9
Laboratory	[Yellow]						[Orange]						15
Surveillance for Acute Public Health Problems, including Infectious Diseases	[Yellow]						[Orange]						★ 17
Emergency preparedness and Response	[Yellow]						[Orange]						★ 21
Strategic data collection and analysis	[Yellow]						[Orange]			[Green]			★ 24
Development of public health recommendations	[Yellow]						[Orange]						25
Public Health Research	[Yellow]						[Orange]						28

L: Low M:Medium H:High ● CAPACITY IN 2017 ● ASPIRES 2019 ● CURRENT CAPACITY





MINISTERIO DE SALUD
Y PROTECCIÓN SOCIAL

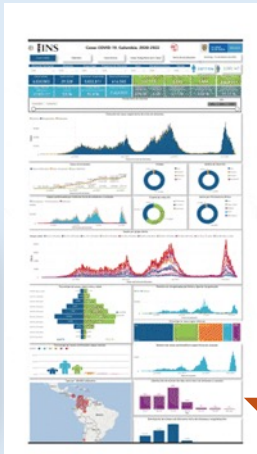
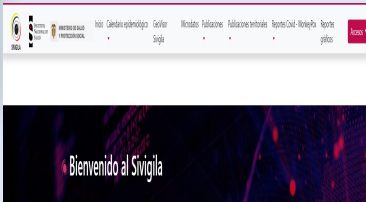




SISTEMA DE VIGILANCIA EN SALUD PÚBLICA



**Analysis
Infraestructure
Modernization**



On-line capture module

Early Warning System (signs, alerts, outbreaks)

Vet Module

Qualitative Analysis

**Change
management**

Offline capture module

Interoperability Lab - Surveillance

Emergent events: COVID – MONKEY POX - MALNUTRITION

2007-2018

2018 - 2020

2021

2022

2023



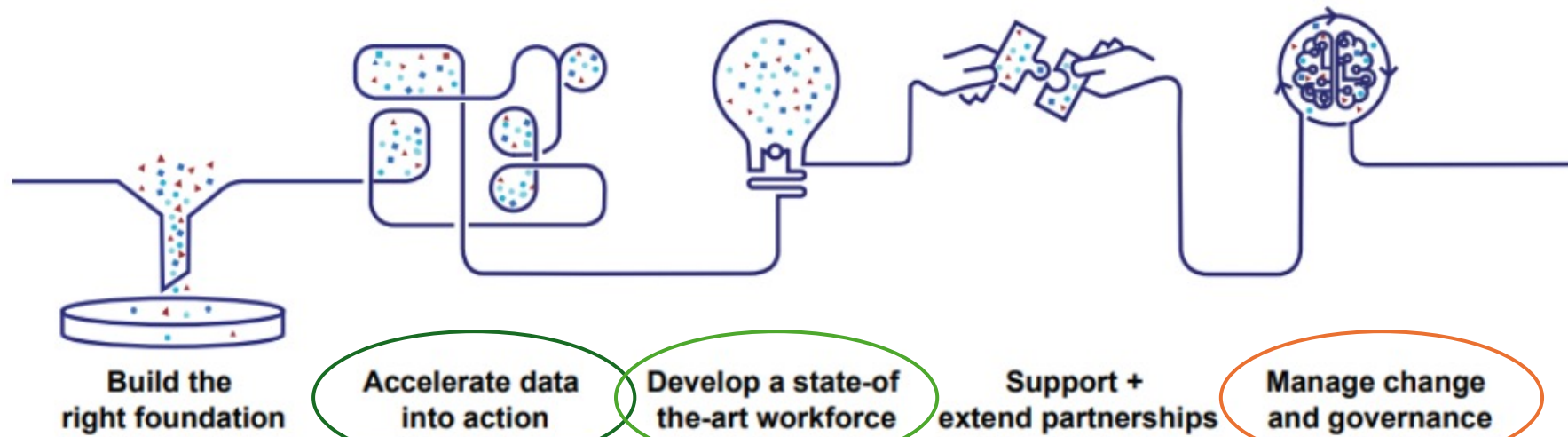
Performance of Subnational level for Public Health Surveillance

Year	Minimum	Maximum	Median
2017	38.00 %	88.00%	63.78%
2018	35.00 %	81.40%	65.55%
2019	46.85 %	90.56%	76.30%
2020	62.80 %	88.50%	74.86%
2021	76.90 %	86.00%	81.00%
2022	73.50%	96.00%	86.30%

DATA MODERNIZATION INITIATIVE



DMI Priorities



Provide a secure, scalable foundation with appropriate automated data sources to enable timely and complete data sharing, break down silos, and reduce burden on data providers

Faster, more interoperable data provides high quality information that leads to knowledge and provides a more real-time, complete picture to improve decision-making and protect health

Identify, recruit, and retain critical workforce in health IT, data science, and cybersecurity specialists to be stewards of larger quantities of data and tools to generate meaningful public health insights

Engage with state, territorial, local, and tribal partners to ensure transparency and address policy challenges, and create new strategic partnerships to solve problems

Support new ways of thinking and working by providing the necessary structure to support modernization and aid adoption of unified technology, data, and data products




Evolution of Public Health Response








Antes

-  Some stakeholders
-  Isolated plans
-  Fragmented response
-  Missuse of resources
-  Disorganization

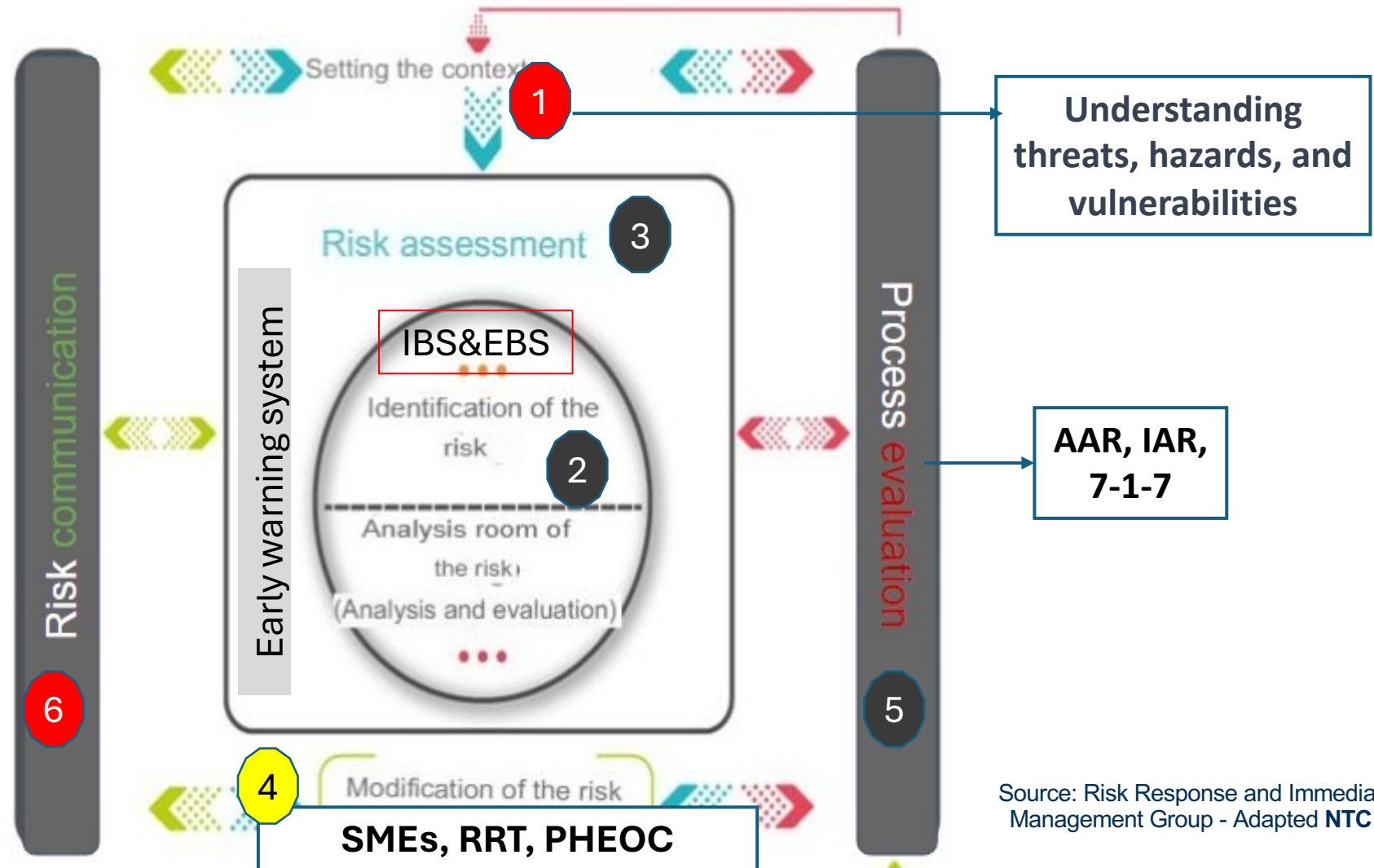


Ahora




-  PH-EOC
-  Multithreats plan
-  Coordinated response
-  IMS
-  Procedures

PH-EOC= Innovation

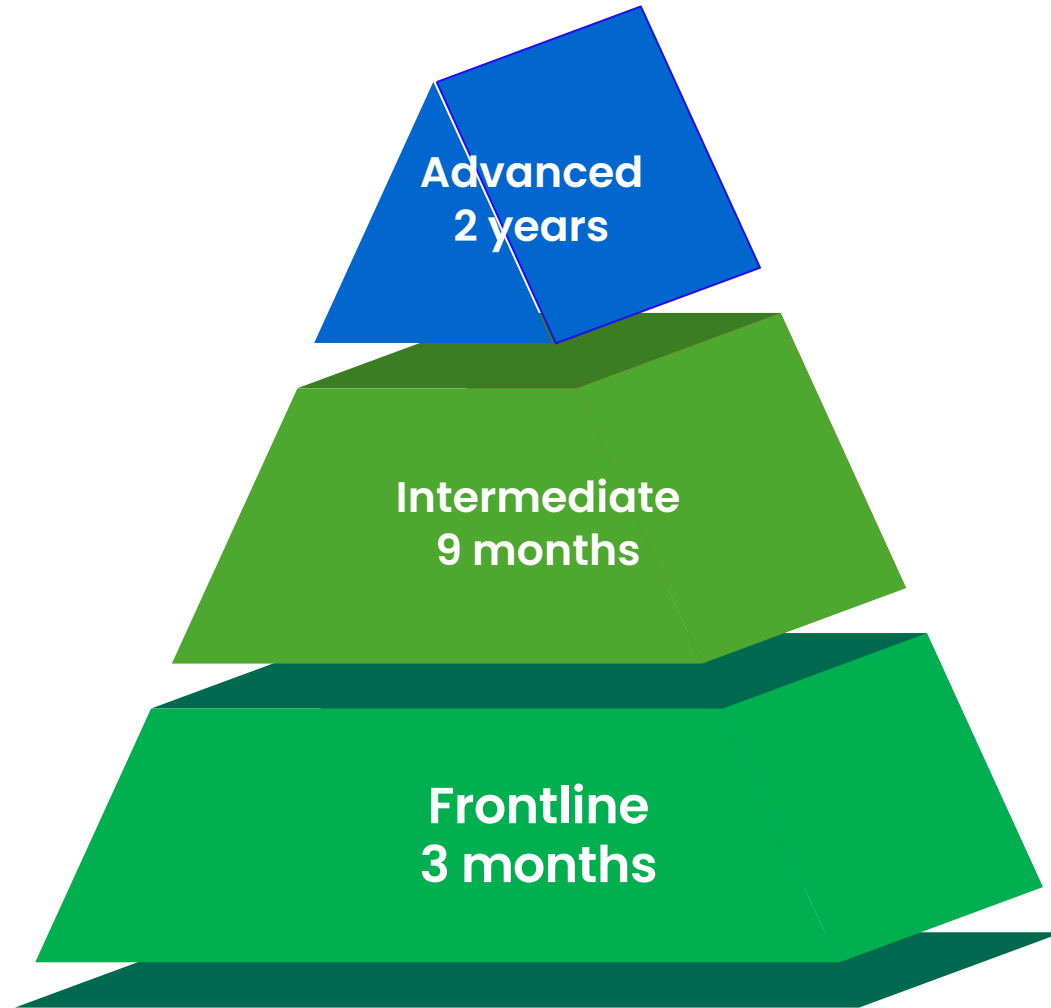
Public Health Management Emergency Model, NIH Colombia. Quick Assessment



Source: Risk Response and Immediate Response Management Group - Adapted NTC ISO 31000.

	Capacity
	High
	Intermediate
	Opportunity for improvement

WORKFORCE FOR PUBLIC HEALTH RESPONSE



Public Health
Surveillance

Outbreak
investigacion

Epidemiology

Scientific
communication

COLOMBIAN FETP PILLARS



FETP
standards



Field
management



Risk
management



Posgraduate
level



Component 1. Essential

- e-Vigila 1
- e-Vigila 2
- e-Vigila 3

Component 3. Training of Trainers



**Component 2-
Field Epidemiology**

- Frontline
- Intermediate
- Advanced

Component 3. Elite

GOARN
Global Outbreak Alert and Response Network

**Component 5.
Continued education**

