

A large, dark blue silhouette of an octopus is centered in the background. It has a large, rounded head and eight long, flowing tentacles that spread outwards and downwards.

# UNIVERSITY OF CALIFORNIA RESILIENCY PLANNING

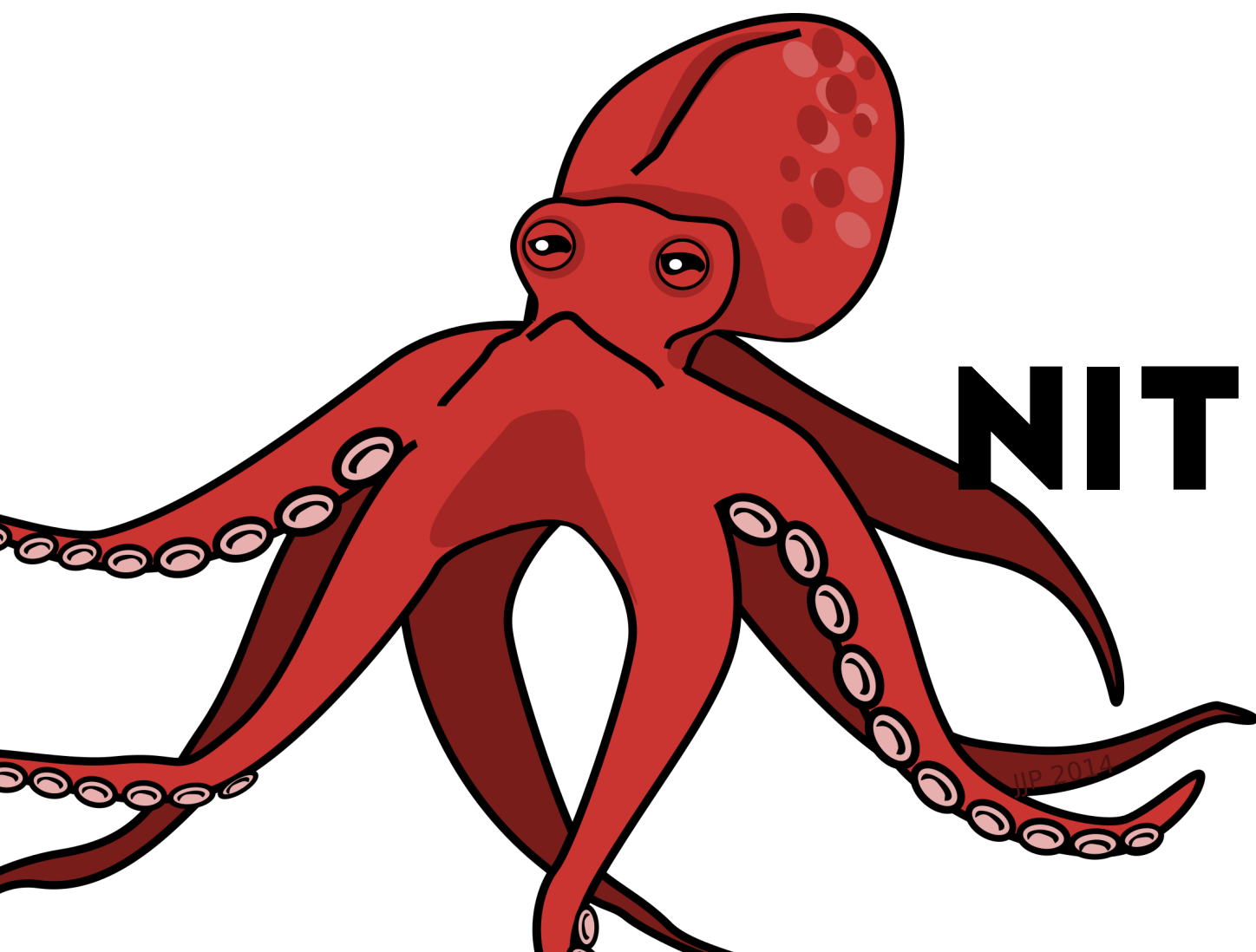
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MY ROLE

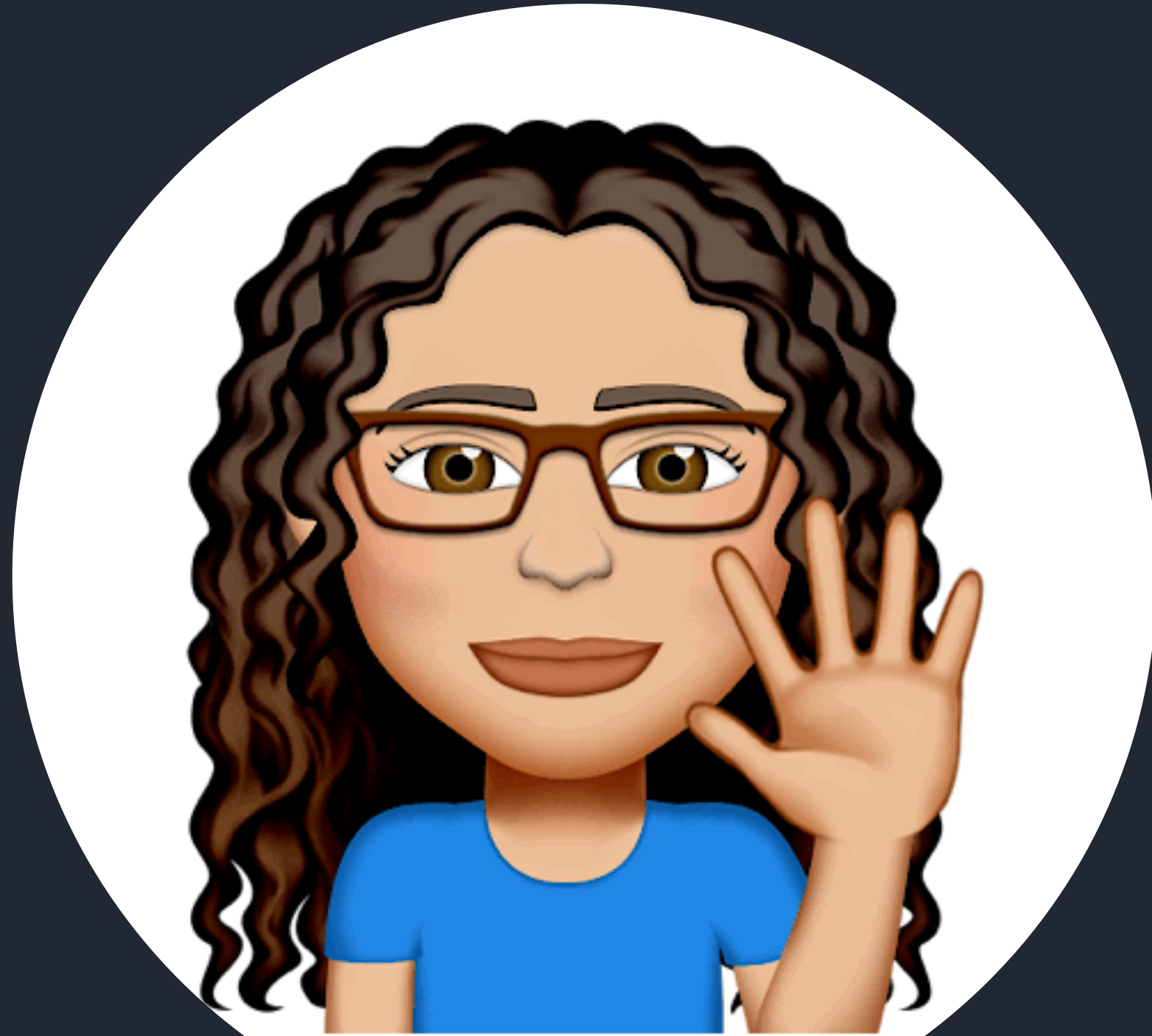
RESILIENCY  
BIG PICTURE

PLANNING  
APPROACH

CHALLENGES  
& SUCCESSES



**NITTY GRITTY**



**Amina Assefa**  
**UC Berkeley**

**Systemwide Readiness Lead**  
University of California

# OVERVIEW

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PROVIDE ONGOING  
COORDINATION TO ENSURE  
THE SUCCESSFUL  
IMPLEMENTATION OF THE  
UC READY PLATFORM

The background of the slide features a large, faint, light blue seal of the University of California. The seal is circular, with the words "THE UNIVERSITY OF CALIFORNIA" around the top and "1868" at the bottom. In the center is a shield with a book, a star, and a banner that reads "LET THERE BE LIGHT".

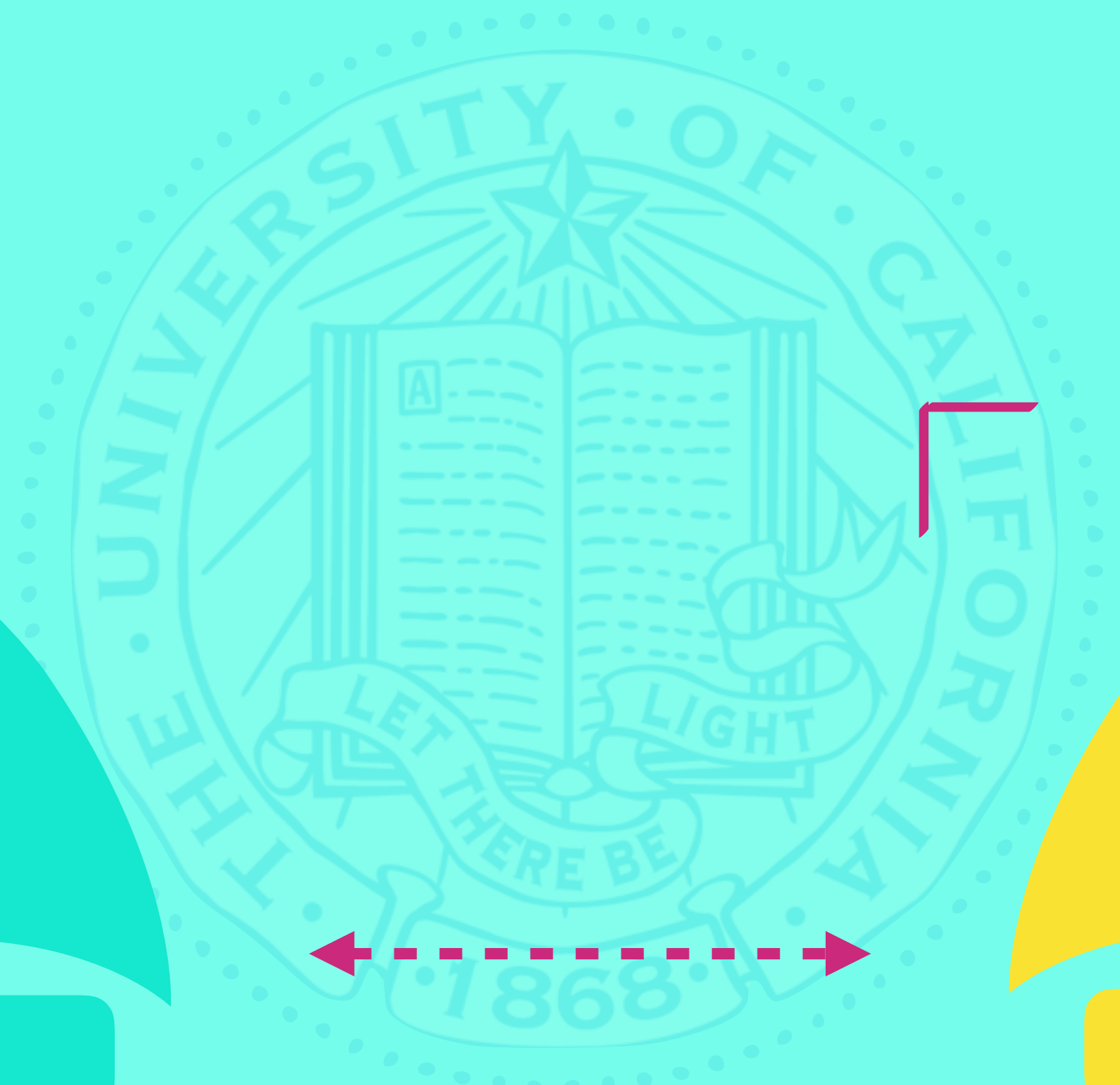
# UC READY

MISSION CONTINUITY

EMERGENCY ACTION PLANNING

IT DISASTER RECOVERY





# UC READY

MISSION CONTINUITY

EMERGENCY ACTION PLANNING

IT DISASTER RECOVERY



# ENTERPRISE RISK MANAGEMENT

TEACHING

RESEARCH

PUBLIC SERVICE

# The Technical

LEFT BRAIN

TRAINING ON THE TOOL

ENSURE THAT ADMINS KNOW  
HOW TO USE THE SOFTWARE.  
PROMOTE USE OF THE  
SOFTWARE ACROSS ALL  
FUNCTIONAL AREAS



# The Technical Vs The Program

LEFT BRAIN

TRAINING ON THE TOOL

ENSURE THAT ADMINS KNOW  
HOW TO USE THE SOFTWARE.  
PROMOTE USE OF THE  
SOFTWARE ACROSS ALL  
FUNCTIONAL AREAS



RIGHT BRAIN

COACHING ON THE JOB

HELPING NEW CONTINUITY  
PLANNERS UNDERSTAND THE  
SCOPE OF THEIR ROLE AND HOW  
TO BUILD A SUCCESSFUL  
CONTINUITY PROGRAM





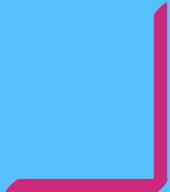
**FUNDAMENTAL**

**LACK OF**

**UNDERSTANDING**

**ABOUT WHAT**

**CONTINUITY IS**



「**LACK OF  
EXPERTISE AT  
LOCAL LEVEL**」

「**LACK OF  
EXPERTISE AT  
LOCAL LEVEL**」

**AN EXAMPLE....**



UC BERKELEY

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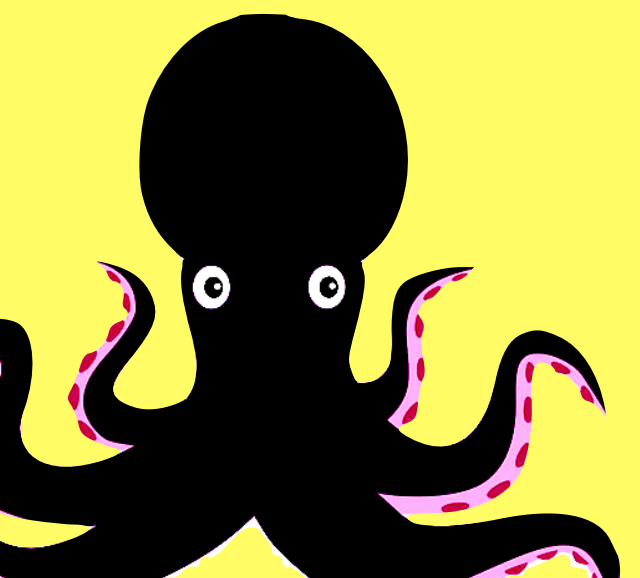




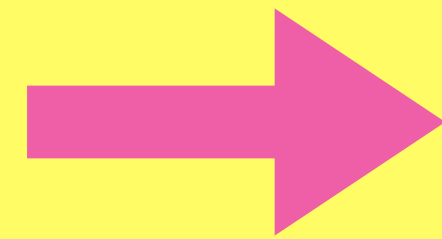




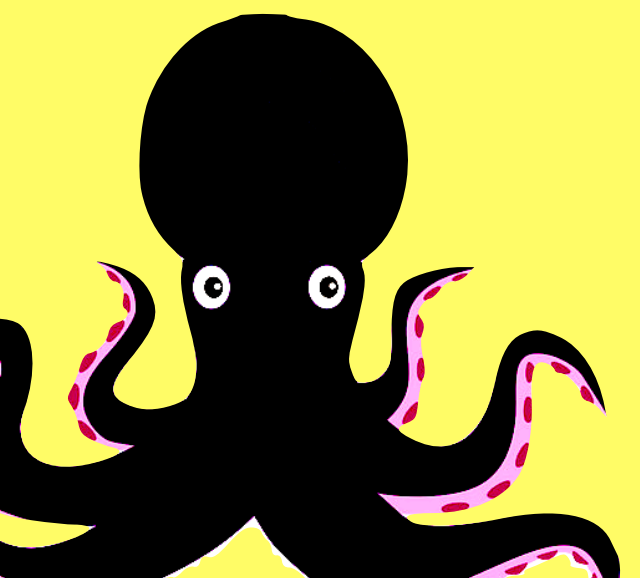
# CURTAIL OPERATIONS



**CURTAIN  
OPERATIONS**



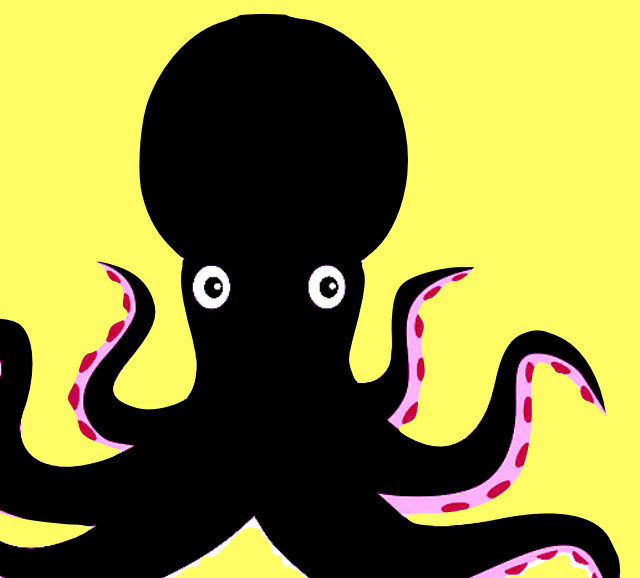
**WHAT ARE THE  
ESSENTIAL  
FUNCTIONS OF  
THE CAMPUS?**



# CAMPUS ESSENTIAL FUNCTIONS

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**(MOST IMPORTANT THINGS THE  
CAMPUS DOES)**





Continue  
Teaching

Continue  
Research

Continue  
Visible  
Leadership

Maintain  
Emergency  
Services

Maintain  
Financial  
Stability

Maintain  
Critical  
Infrastructure

Maintain the  
Reputation of  
Campus

Maintain  
Relationships  
w/  
Stakeholders

Maintain  
Safety &  
Security

Maintain Basic  
Campus  
Services

Maintain  
Patient Care

**Strategic Level**

**CAMPUS ESSENTIAL FUNCTIONS**

**Continue Visible Leadership**

**Maintain Critical Infrastructure**

**Provide Emergency Services**



**Strategic Level**

**CAMPUS ESSENTIAL FUNCTIONS**

Continue Visible Leadership

Maintain Critical Infrastructure

Provide Emergency Services

**Operational Level**

**DEPARTMENTAL ESSENTIAL FUNCTIONS**

Provide medical  
advisement to campus

Maintain SSO

Communicable disease  
reporting requirements

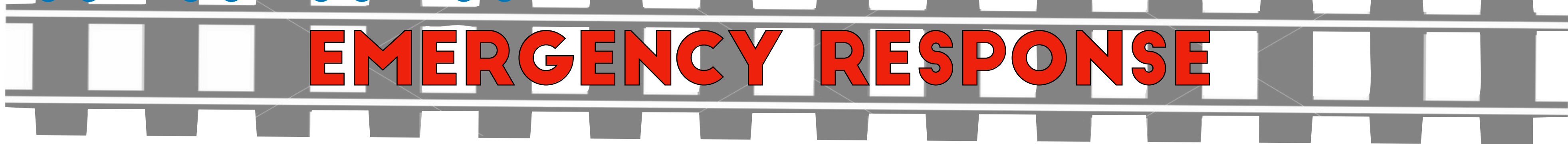
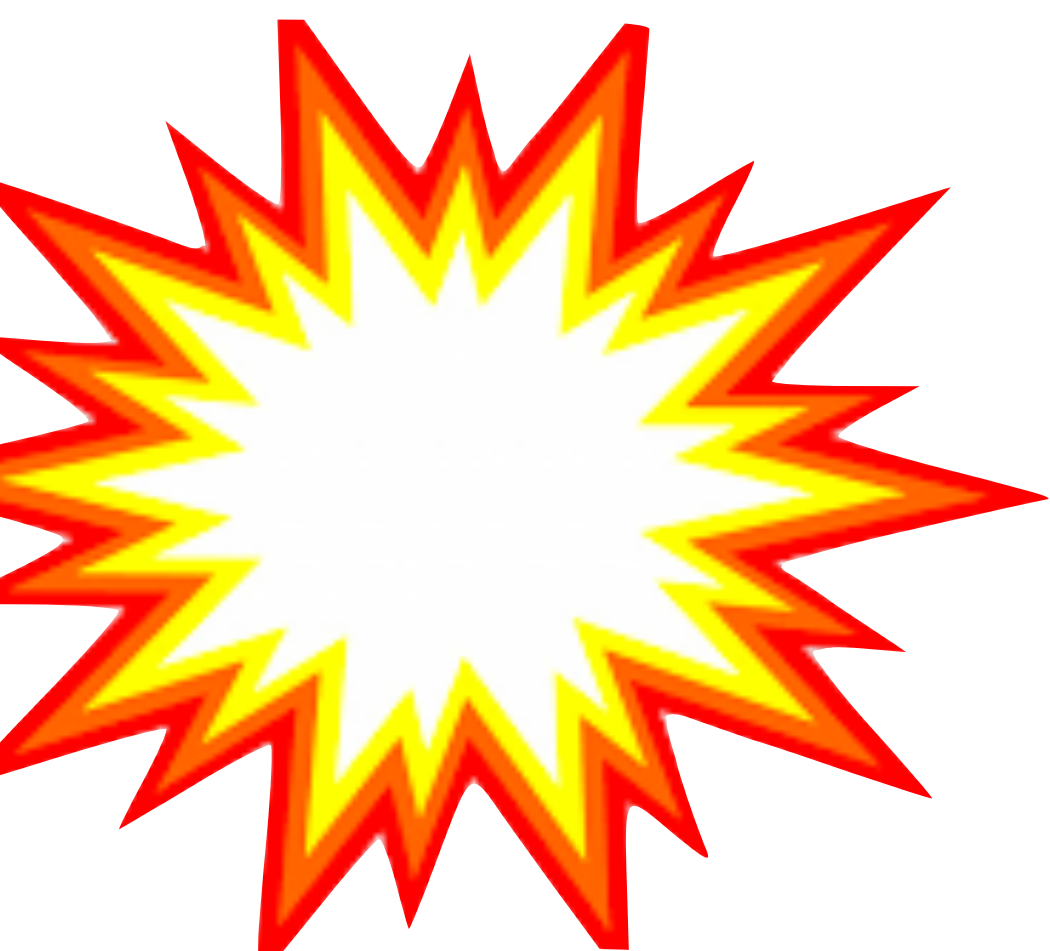
Provide critical legal advice

Manage Data Center

Mass Notification System

Provide Campus Voice  
Network





**EMERGENCY RESPONSE**





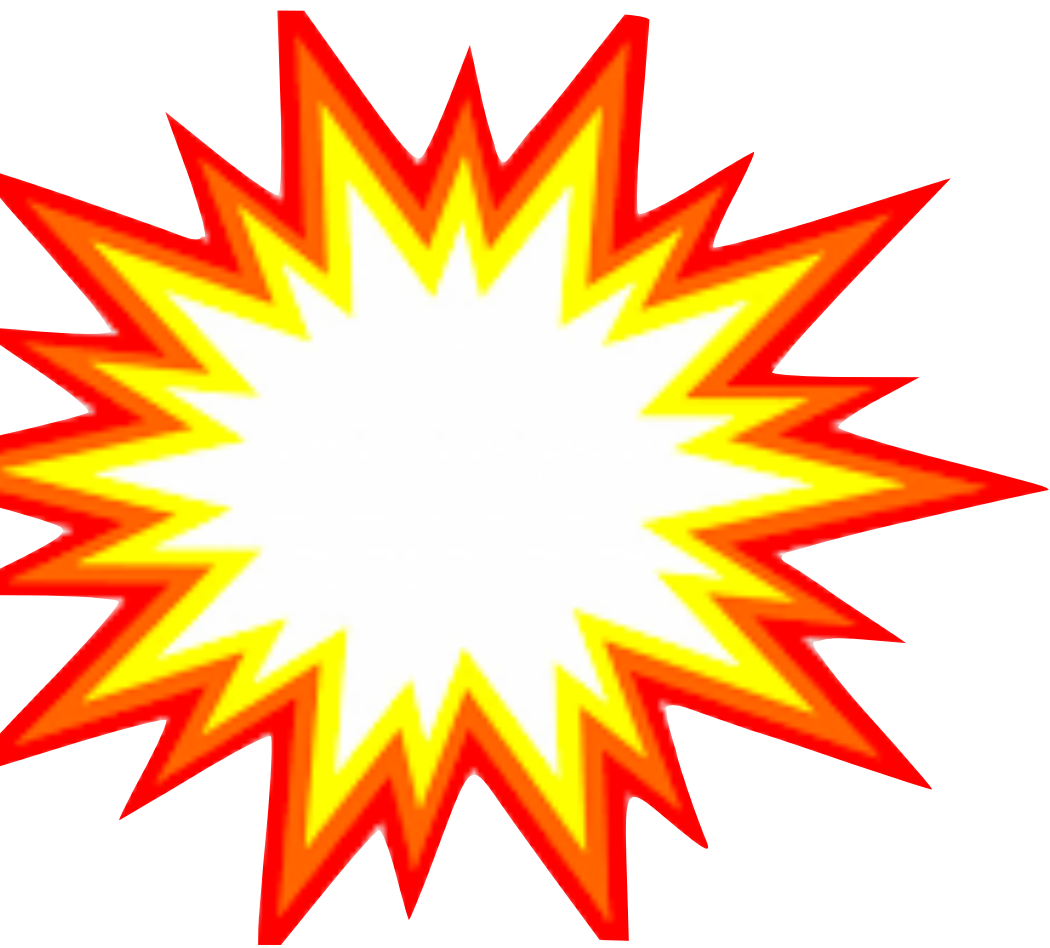
**EMERGENCY RESPONSE**



**CONTINUITY OPERATIONS**



**IT DISASTER RECOVERY**







# PLAN ALIGNMENT



**THIS WAY**







**~~BUSINESS  
INTERRUPTION~~**

-  FIRE
-  UTILITY OUTAGE
-  IT OUTAGE
-  LOSS OF KEY STAFF

  
**BUSINESS  
AS USUAL**



**~~BUSINESS  
INTERRUPTION~~**

-  FIRE
-  UTILITY OUTAGE
-  IT OUTAGE
-  LOSS OF KEY STAFF

  
**BUSINESS  
AS USUAL**







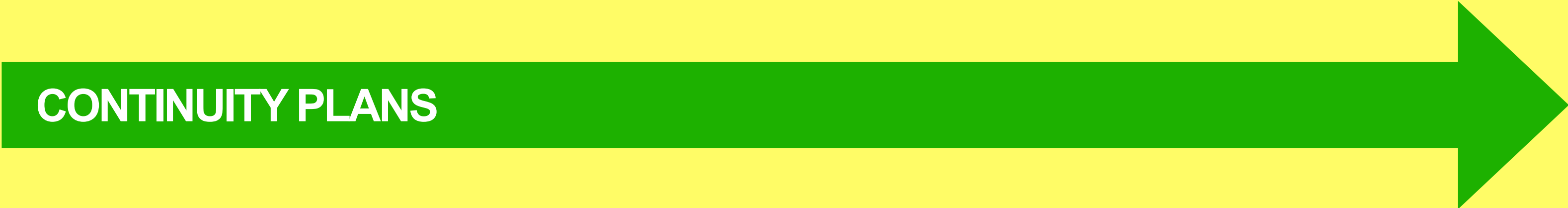
**EMERGENCY NOTIFICATION/ALERT  
EVACUATION/SHELTERING-IN-PLACE  
RESPONSE PROCEDURES**





**BUSINESS  
INTERRUPTION**

-  FIRE
-  UTILITY OUTAGE
-  IT OUTAGE
-  LOSS OF KEY STAFF



- USE OF TEMPORARY OR MANUAL WORKAROUNDS
- TRANSFER OF CRITICAL BUSINESS ACTIVITIES TO ALTERNATE LOCATIONS
- ACTIVATION OF TELECOMMUTING PLANS
- CROSS-TRAINING OF EMPLOYEES
- PROTECTION OF & CONTINUED ACCESS TO CRITICAL RECORDS/DATABASES

  
**BUSINESS  
AS USUAL**



- EMERGENCY NOTIFICATION/ALERT
- EVACUATION/SHELTERING-IN-PLACE
- RESPONSE PROCEDURES



## IT DISASTER RECOVERY PLANS

RECOVERY OF ESSENTIAL IT APPLICATIONS AND SYSTEMS  
FAILOVER OF CRITICAL IT APPLICATION AND SYSTEMS TO OTHER SITES

## CONTINUITY PLANS

USE OF TEMPORARY OR MANUAL WORKAROUNDS  
TRANSFER OF CRITICAL BUSINESS ACTIVITIES TO ALTERNATE LOCATIONS  
ACTIVATION OF TELECOMMUTING PLANS  
CROSS-TRAINING OF EMPLOYEES  
PROTECTION OF & CONTINUED ACCESS TO CRITICAL RECORDS/DATABASES

## EMERGENCY RESPONSE PLANS

EMERGENCY NOTIFICATION/ALERT  
EVACUATION/SHELTERING-IN-PLACE  
RESPONSE PROCEDURES

## ~~BUSINESS INTERRUPTION~~



FIRE



UTILITY OUTAGE



IT OUTAGE



LOSS OF KEY STAFF



**BUSINESS  
AS USUAL**



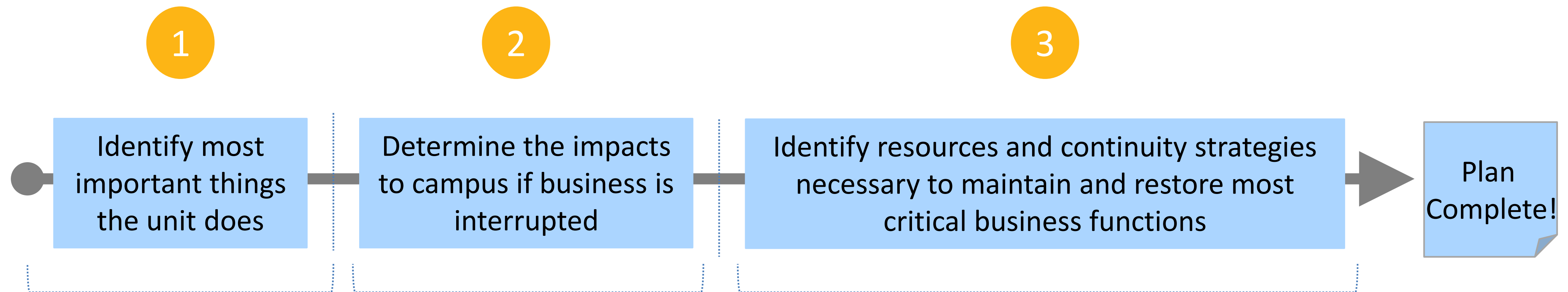
**TIMELINE**

# PLANNING PROCESS



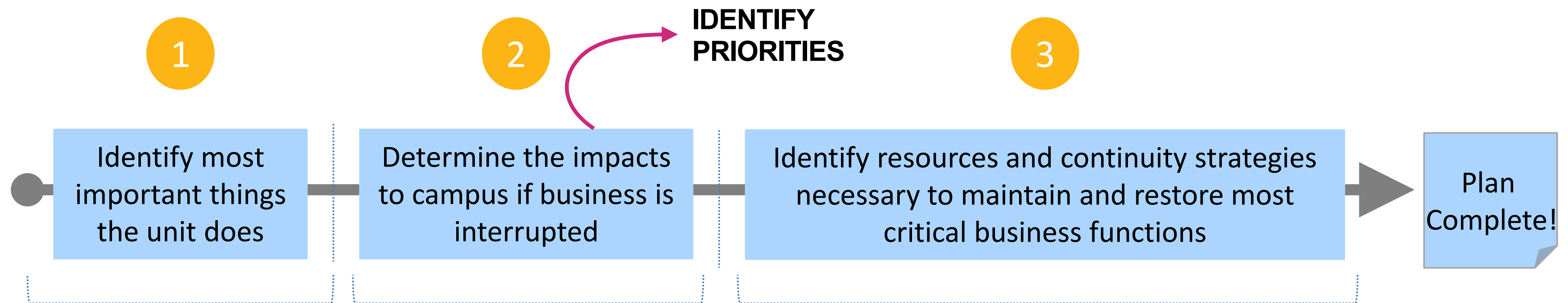
# Continuity Planning Process : *Preparing for the Unexpected*

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# Continuity Planning Process : *Preparing for the Unexpected*

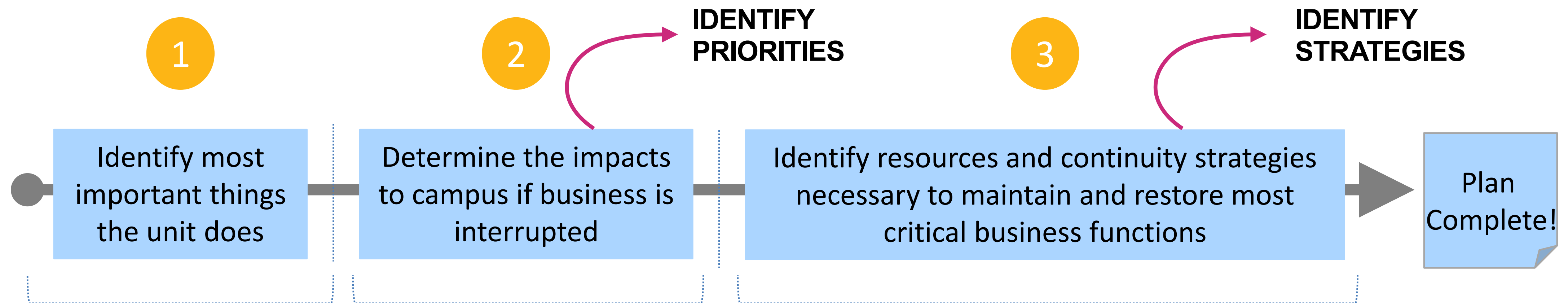
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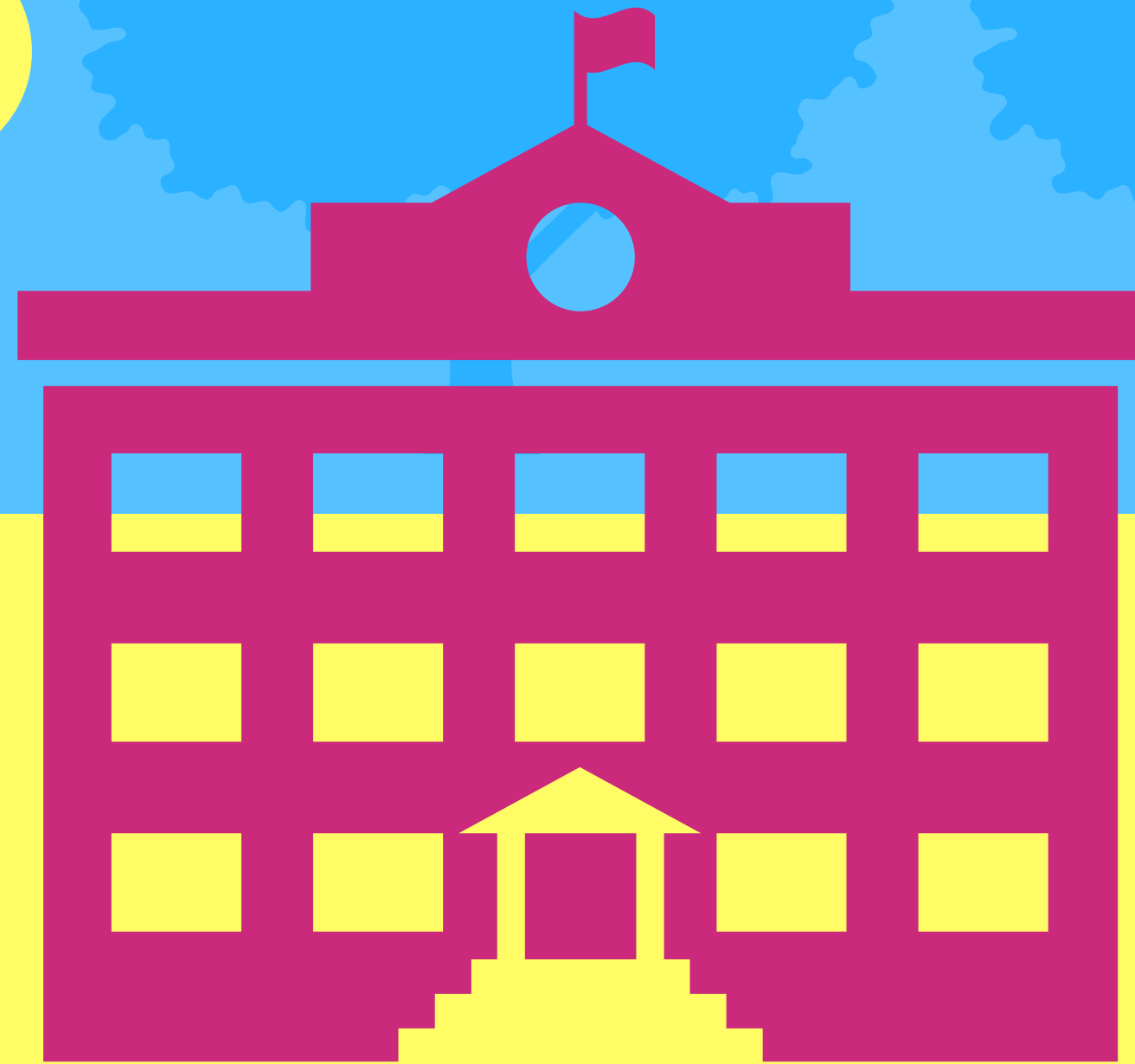


# Continuity Planning Process : *Preparing for the Unexpected*

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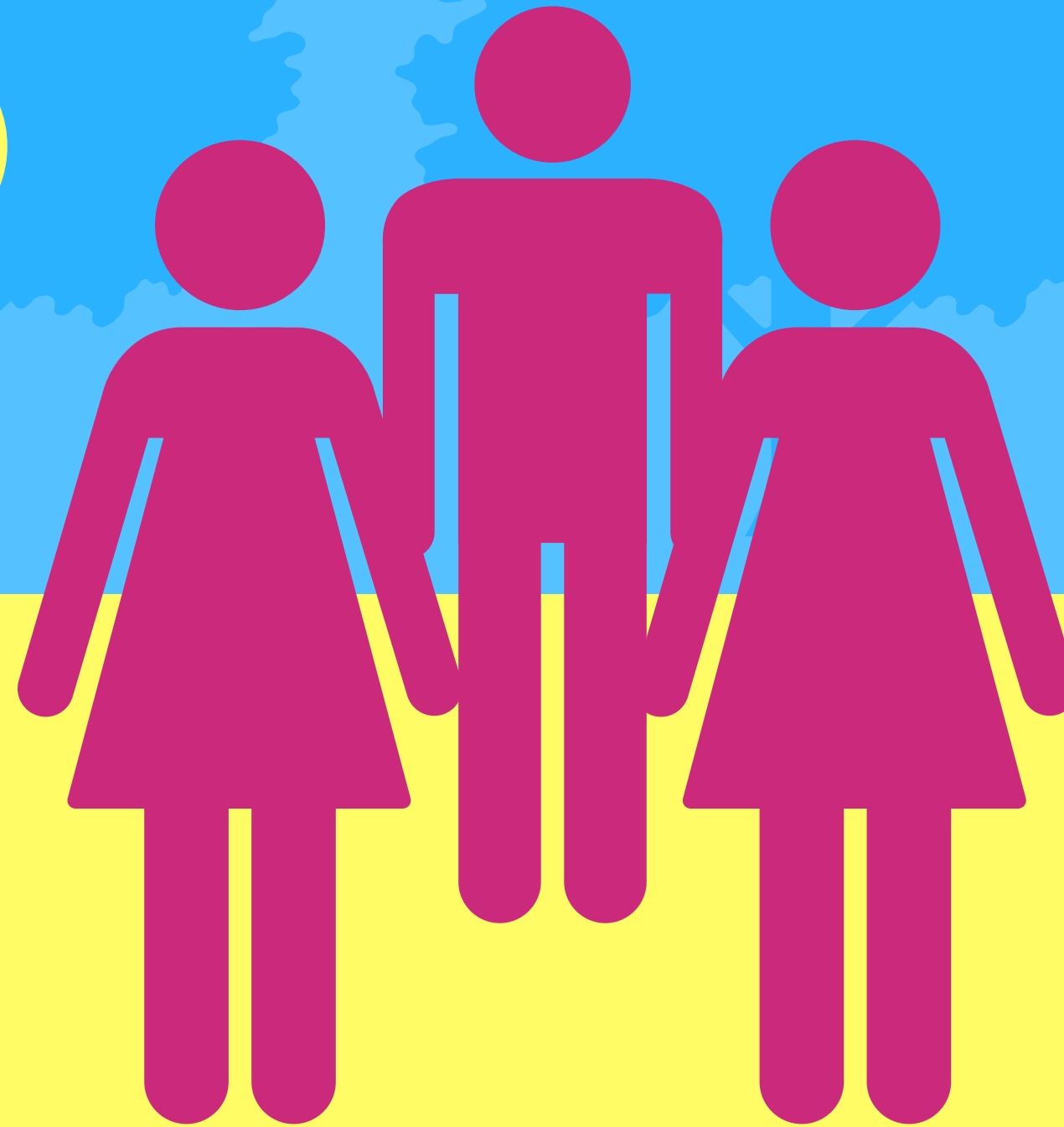


1.



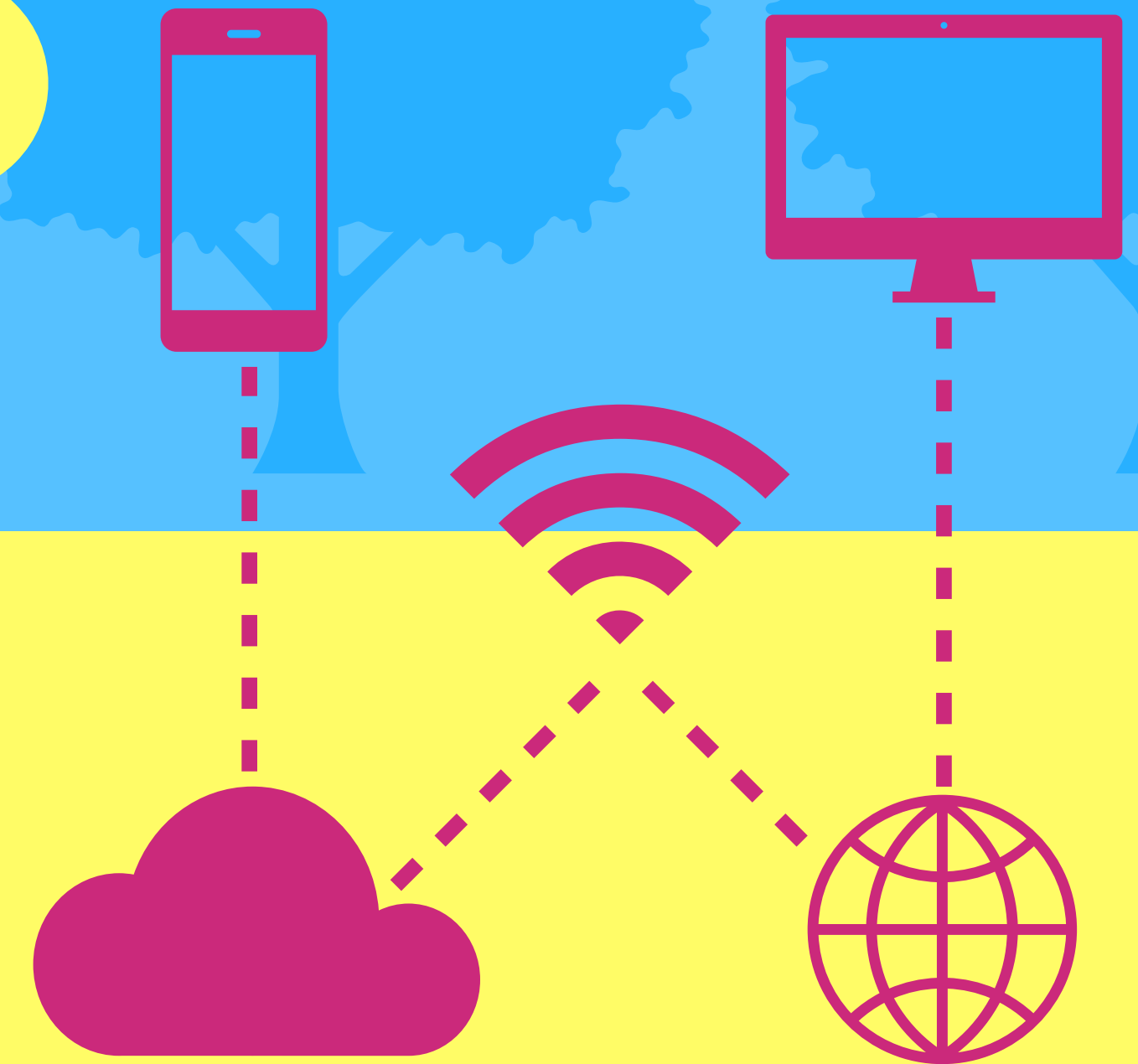
**LOSS OF BUILDING**

2.



**LOSS OF STAFF**

3.



**LOSS OF IT NETWORK**



# MOVING THE NEEDLE



**RESILIENCY**

# MOVING

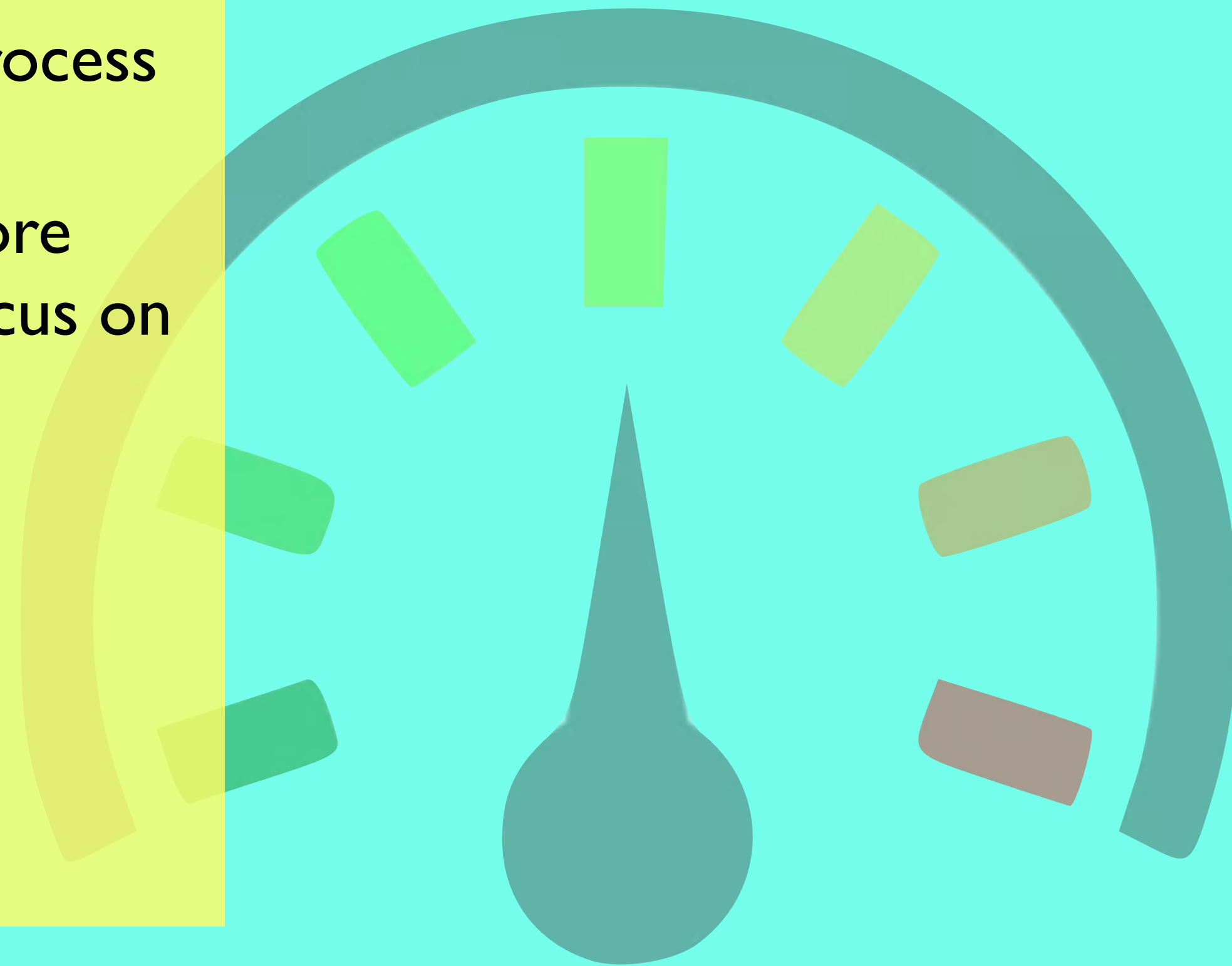
## Challenges

Too much focus on the “plan” as a document rather than as a process

Training and exercises are more response driven without a focus on continuity



Continuity exercises harder to implement.



# RESILIENCY

# MOVING

## Challenges

# THE NEEDLE

## Successes

Too much focus on the “plan” as a document rather than as a process

Training and exercises are more response driven without a focus on continuity

Continuity exercises harder to implement.

New & Improved!

UC Ready Software

Robust reporting and additional functionality

UC leading the way. New spotlight on continuity.

# RESILIENCY





# 「BUILD A CULTURE OF RESILIENCE」



CAN'T DO IT  
ALONE

SUPPORT  
LOCAL  
EFFORTS

INTEGRATION  
IS KEY

**FINAL TAKEAWAYS**

# THANK YOU!



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