



Salvage, evacuation and temporary storage

Aparna Tandon & Alessia Strozzi, ICCROM



Salvage when?

- ✱ objects are damaged and are in an unsafe building or area;
- ✱ there is risk of further damage;
- ✱ you have sufficient resources to retrieve, stabilize, relocate, document and monitor.

Organization of spaces

Base of operations (on-site) eating and drinking area,

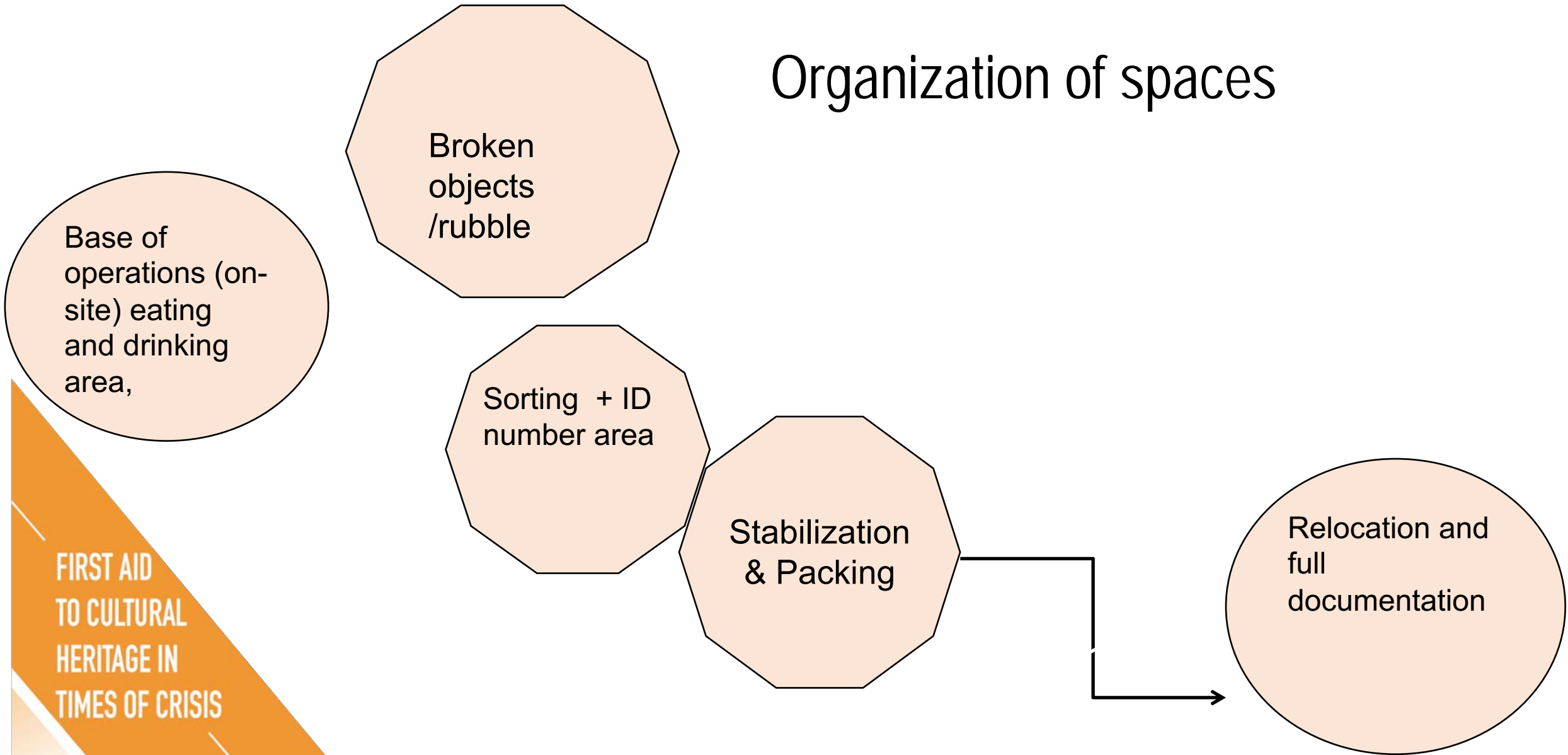
Broken objects /rubble

Sorting + ID number area

Stabilization & Packing

Relocation and full documentation

FIRST AID
TO CULTURAL
HERITAGE IN
TIMES OF CRISIS



CONTAMINATED

Personal Property Receipt* Evidence Tag *413730*

Destination _____ Via _____ *413730*

TRIAGE TAG *413730*

S L U D G E
Salivation Lacrimation Urination Defecation GI Distress Emesis

AUTO INJECTOR 1 2 3 4 5

Yes No Cross Decont
 Yes No Secondary Decon
 Solution

Blunt Trauma
Burn
C-Spine
Cardiac
Crushing
Fracture
Laceration
Penetrating Injury

Age _____
 Male Female

Other: _____

VITAL SIGNS

Time	B/P	Pulse	Respiration

Time	Drug Solution	Dose

EVIDENCE

MORGUE Pulseless/Non-Breathing *413730*

IMMEDIATE Life Threatening Injury *413730*

DELAYED Serious, Non Life Threatening *413730*

MINOR Walking Wounded *413730*

Prioritize based on value (social, religious, historic, institutional)

Undamaged over damaged

Fragility of materials


1 RETRIEVAL

Entry number

Original location

Assigned identification number

Previous numbers



In ascending numerical order, from the first to last object moved, it indicates the number of objects salvaged.

This field indicates the unique identification number assigned to the object.

Documenting Salvage

2a TRIAGE & STABILISATION

Owner/Institution	Original location code	Type of object	Materials	Dimensions: length, width and height

This field indicates the original location code of the object salvaged. The original location code may refer to a grid number or a combination of shelf, room and floor numbers, depending on the system adopted for assigning location codes.

The 'Type of object' field is used to describe the object briefly.

What the object is made of, e.g. glass, ceramic, metal, textile, etc.

2b TRIAGE & STABILISATION

Weight	Photo or drawing reference number	Type of damage	Treatment given (to be filled in during stabilisation)	Stabilisation treatment given by
--------	-----------------------------------	----------------	--	----------------------------------

'Photo or drawing reference number' refers to the photo/drawing of the object. If there is not sufficient time to take photos of the individual objects at the site, take photos of a group of objects with their identification numbers. Record the number of the photo. This field can be filled in at the triage stage or at the site of temporary storage, depending on the amount of time available.

'Type of damage' briefly indicates the physical condition of the object and the type, as well as extent, of damage it has suffered.

Fill in the weight of the object. If a weighing scale is not available, use symbols, e.g. use + to indicate one person can move the object, ++ to indicate two people are required to move the object, and +++ to indicate more than one person and specialised equipment will be required to move the object.

This field describes the type of stabilisation treatment given to the object. For example, a wet and soiled object may have to be rinsed before transfer to the new temporary storage. Such treatments, have to be given by conservators and trained cultural first aiders.

Documenting Salvage



FIRST AID
TO CULTURAL
HERITAGE IN
TIMES OF CRISIS

It involves emergency documentation

Handout : salvage record form

Key elements

1. Total number of objects
2. Original location code of each object
3. Unique ID number of each object
4. Relocation code
5. Object type
6. Damage
7. Stabilisation treatment given
8. Photo or drawing reference number



It involves stabilizing and packing damaged objects

Dry or wet surface cleaning
Air and freeze drying
Packing dry and wet objects

FIRST AID
TO CULTURAL
HERITAGE IN
TIMES OF CRISIS

COVID-19 SAFETY MEASURES

[set of 10 important do's and don'ts]



Wash Hands
Thoroughly



Use Soap
or Hand Sanitizer



Keep Safe Distance
from Other People



Stay at Home
if Possible



Use Face Mask
or Respirator



Avoid Large
Crowds



Do Not Meet
Infected or Sick People



Do Not Touch Your Face
esp. Mouth, Eyes, Nose



Do Not Travel
Unless Necessary



Do Not Touch
The Front Part of a Mask

Personal Protective Equipment

All items per MIN-0060 Contract



20-2200



20-1310



20-0900



20-1860



20-1263



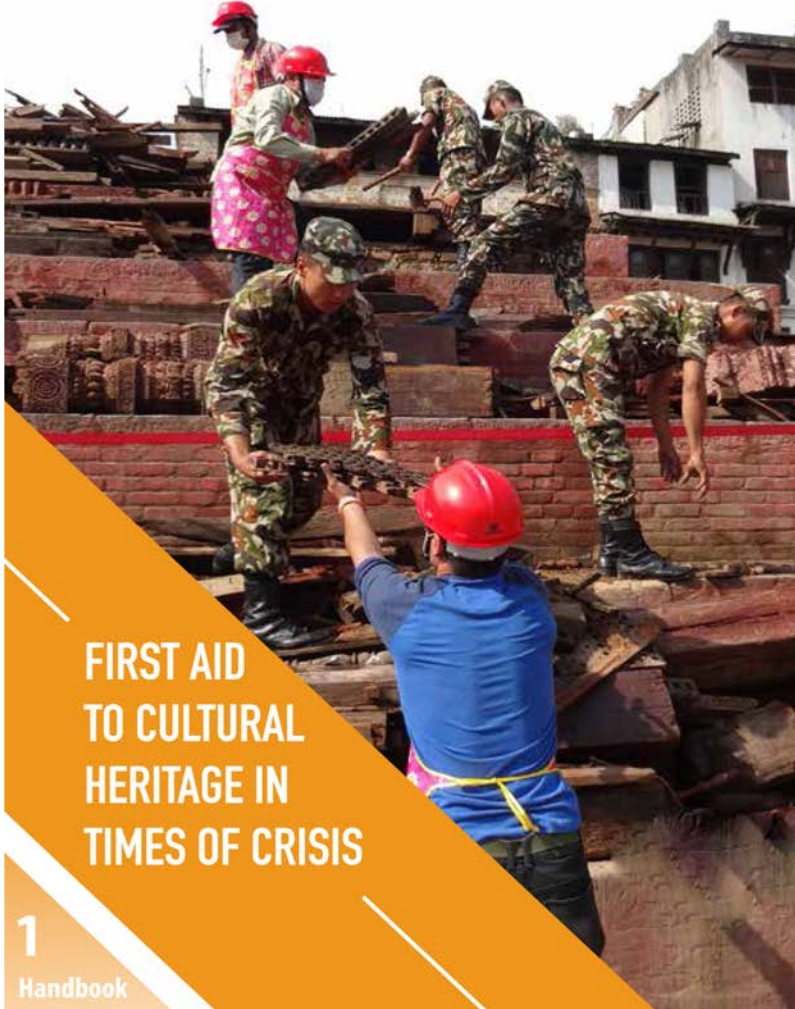
20-1510



20-1200

Personal Protective equipment and supplies





**FIRST AID
TO CULTURAL
HERITAGE IN
TIMES OF CRISIS**

1
Handbook



**FIRST AID
TO CULTURAL
HERITAGE IN
TIMES OF CRISIS**

2
Toolkit



Endangered Heritage
Emergency Evacuation of Heritage Collections

Selecting temporary storage

- The collections is **unsafe** in the museum/deposit

CHOOSING A TEMPORARY STORAGE

- ★ Bomb-proof?
- ★ Secure against theft?
- ★ Risk of flooding- no leaks in overhead pipes?
- ★ Are windows and doors sealable?
- ★ Sanitized?



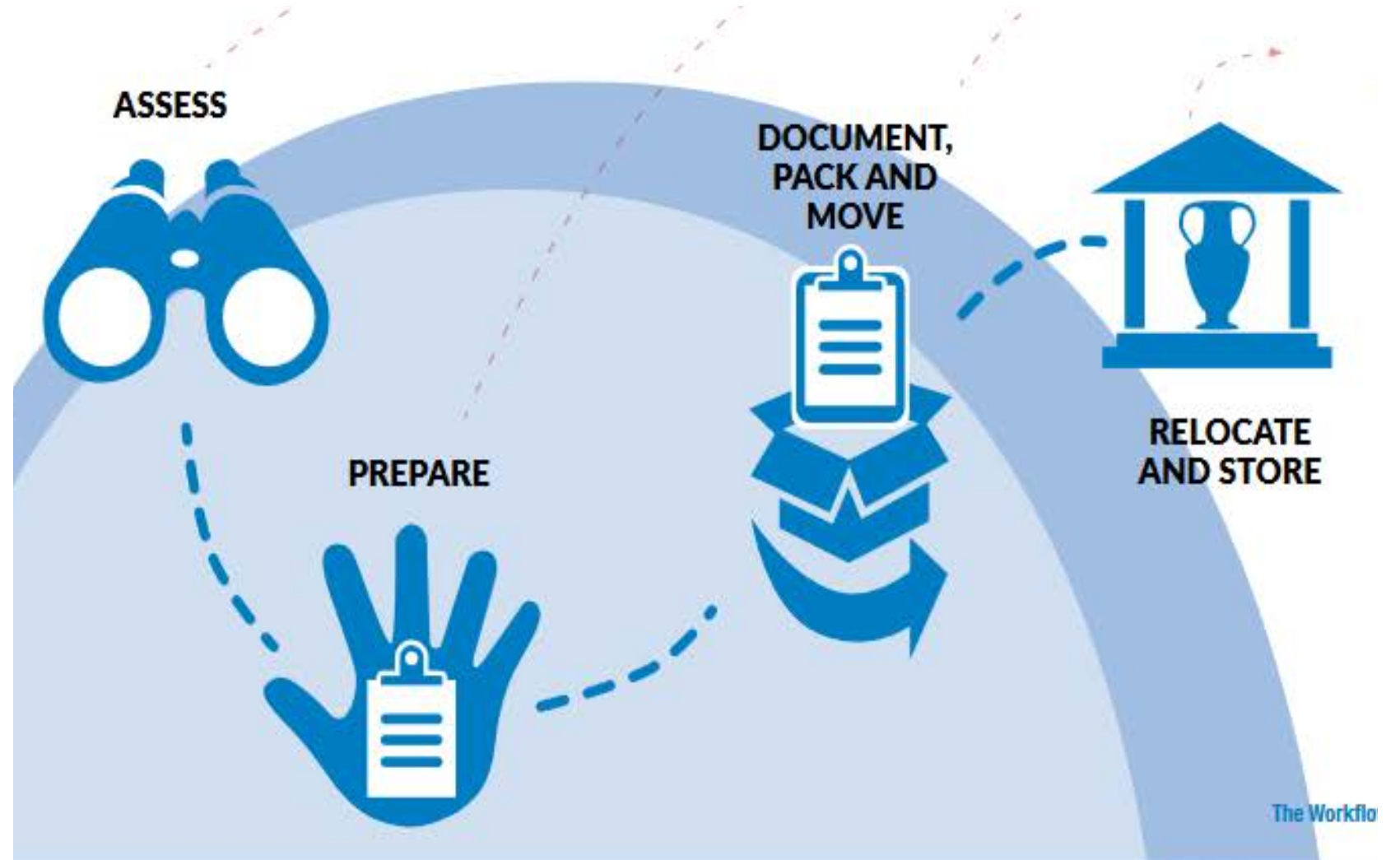




Temporary: how long is temporary?

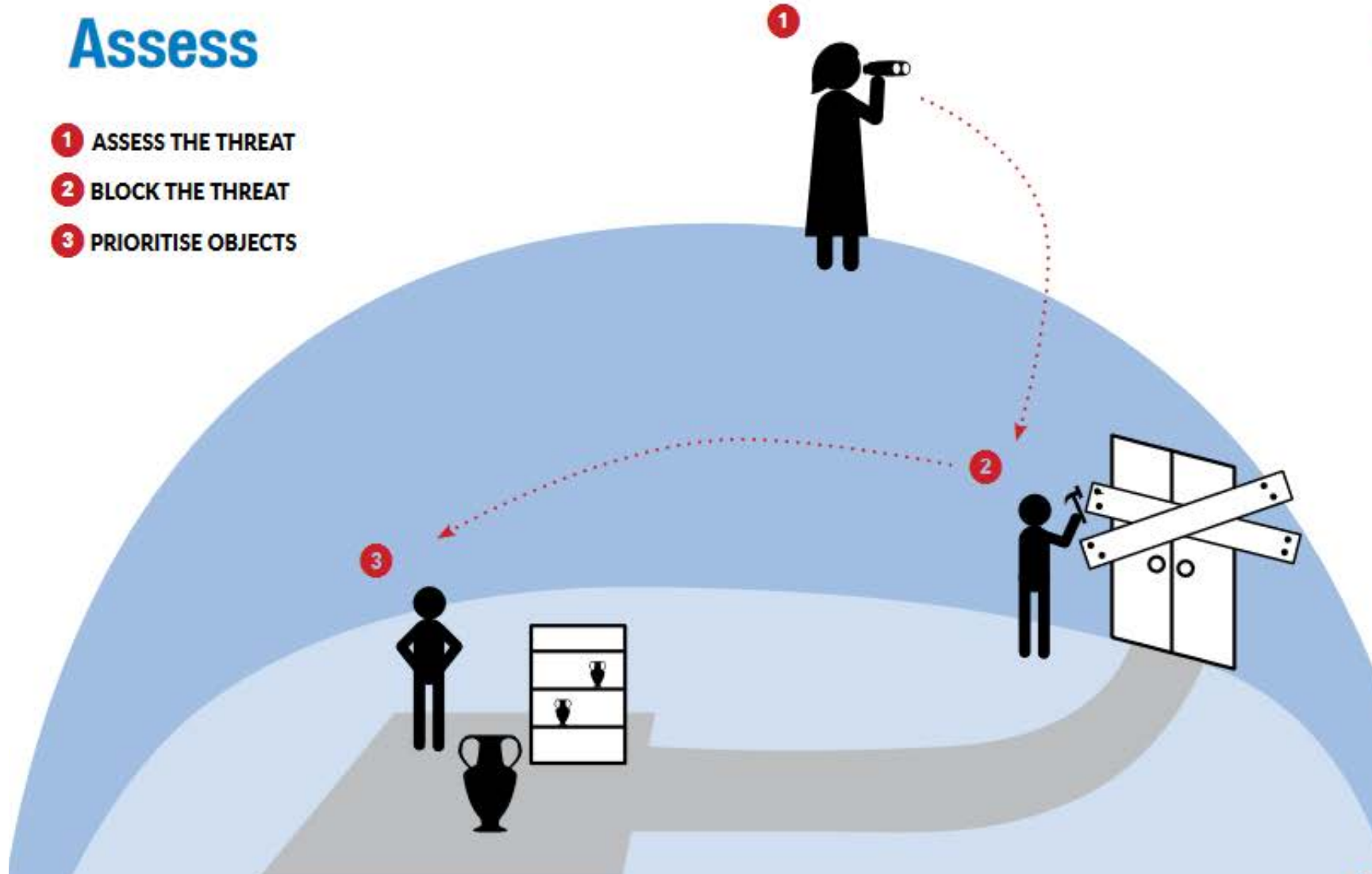
Plan for the future
Temporary storage open
to visitors

Workflow



Assess

- 1 ASSESS THE THREAT**
- 2 BLOCK THE THREAT**
- 3 PRIORITISE OBJECTS**



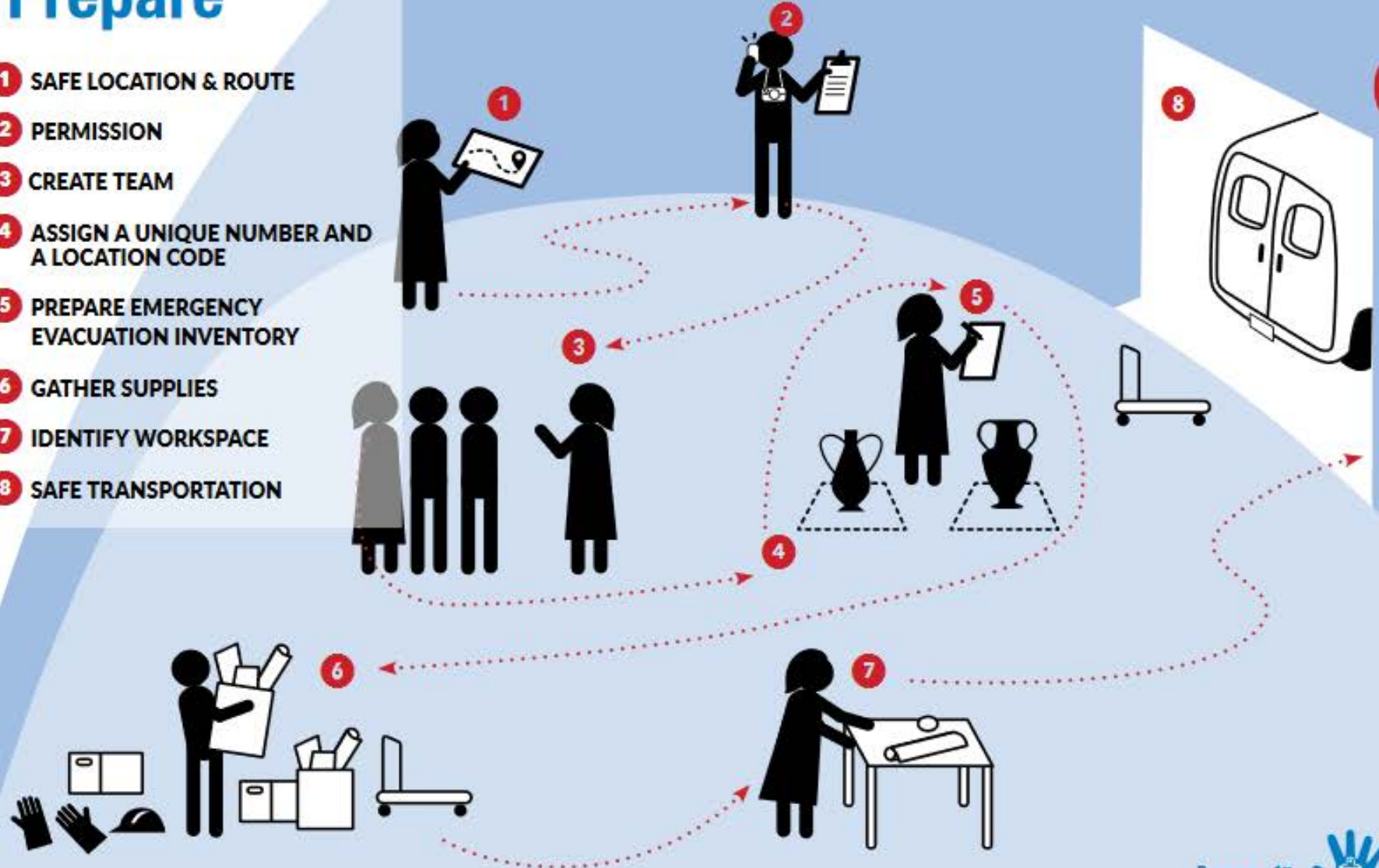
Prioritise objects

- Prepare a list of objects that have to be evacuated first:
 - according to the value
 - according to the threat
 - according to material & weight



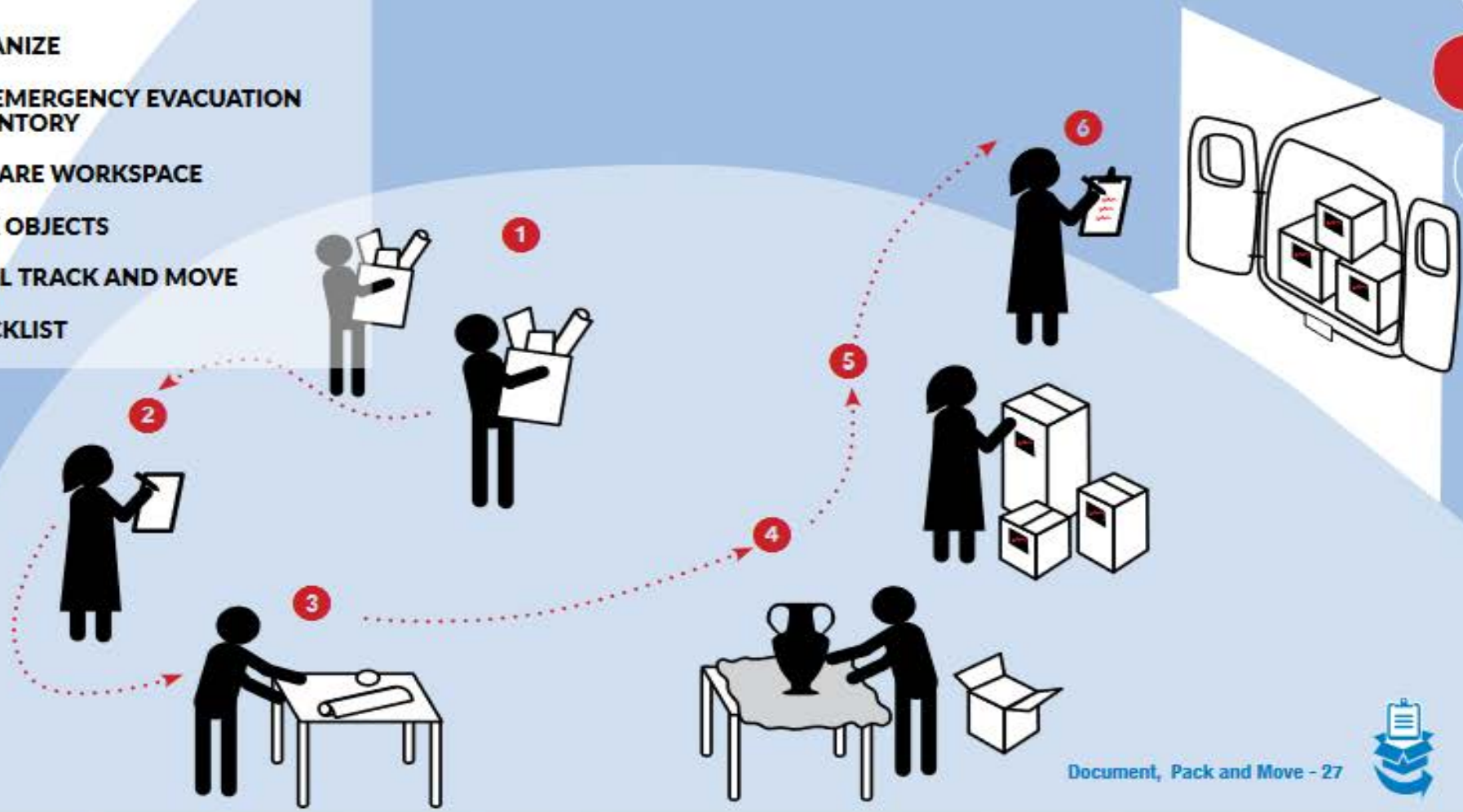
Prepare

- 1 SAFE LOCATION & ROUTE**
- 2 PERMISSION**
- 3 CREATE TEAM**
- 4 ASSIGN A UNIQUE NUMBER AND A LOCATION CODE**
- 5 PREPARE EMERGENCY EVACUATION INVENTORY**
- 6 GATHER SUPPLIES**
- 7 IDENTIFY WORKSPACE**
- 8 SAFE TRANSPORTATION**



Document, Pack and Move

- 1 ORGANIZE
- 2 FILL EMERGENCY EVACUATION INVENTORY
- 3 PREPARE WORKSPACE
- 4 PACK OBJECTS
- 5 LABEL TRACK AND MOVE
- 6 CHECKLIST



Document, pack & move

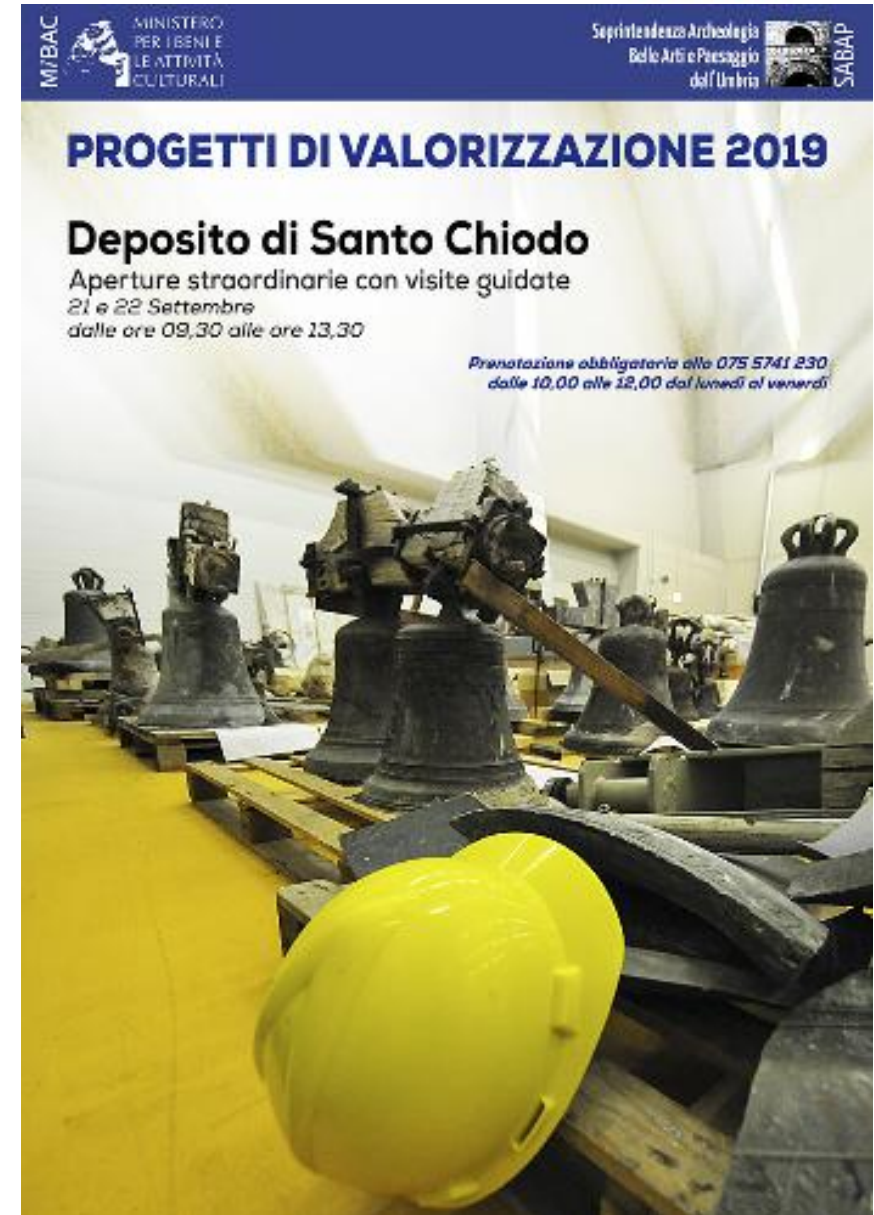


Relocate & store



Examples from Italy: Umbria Region

- Deposit of Santo Chiodo (Perugia)
- A Deposit design as hospital for CH



Examples from Italy: Marche Region



Seven deposit within the region



Example from Italy: Marche Region EQ 2016, statue detached in 2019



Lion of Arquata del Tronto, Ascoli Piceno, Italy



 ANCI MARCHE
  PIO SODALIZIO DEI PICENI
  REGIONE MARCHE

ROMA
 COMPLESSO MONUMENTALE DI SAN SALVATORE IN LAURO
 PIO SODALIZIO DEI PICENI
 18 febbraio 2020 • ore 18

RINASCIMENTO MARCHIGIANO

OPERE D'ARTE RESTAURATE DAI LUOGHI DEL SISMA
 a cura di Pierluigi Moriconi, Stefano Papetti

in collaborazione con  Ministero del Beni e delle Attività Culturali e del Turismo
 con il contributo di  Soprintendenza Archeologia, Belle Arti e Paesaggio delle Marche

 Associazione Nazionale Comuni Italiani
  Comune di Ascoli Piceno
  Comune di Senigallia
  artjflex international

Marche's Renaissance Exhibition with the objects damaged by the Central Italy Eq 2016

<https://uss-sisma2016.beniculturali.it/attivita/salvaguardia/rinascimento-marchigiano-opere-darte-restaurate-dai-luoghi-del-sisma-il-18-febbraio-la-mostra-itinerante-giunge-a-roma/>

Resources

- *Endangered Heritage. Emergency Evacuation of Heritage Collections*
edited by Aparna Tandon, ICCROM 2016

(translated into several languages):

<https://www.iccrom.org/publication/endangered-heritage-emergency-evacuation-heritage-collections>

- *First Aid to Cultural Heritage in Times of Crisis Handbook*
edited by Aparna Tandon, ICCROM 2018

<https://www.iccrom.org/news/pioneering-resource-first-aid-cultural-heritage-now-available>

Conclusions

- **If you can, try to avoid the move,**
- **if not, choose an appropriate temporary storage(s)**
- **Follow the steps of the workflow:**
 - **assess**
 - **prepare**
 - **document, pack and move**
 - **relocate and store**

Thank you

Hvala vam



Good Luck