

TAKING
COOPERATION
FORWARD



Final Conference ProteCHt2save
Cultural Heritage challenges Climate Change
23rd June 2020



**Preparedness Strategies and Evacuation Plans for
Safeguarding Cultural Heritage at Risk**



Anna Kaiser (Danube University Krems)

THINK THE UNTHINKABLE

Fire at Notre Dame de Paris, April 2019



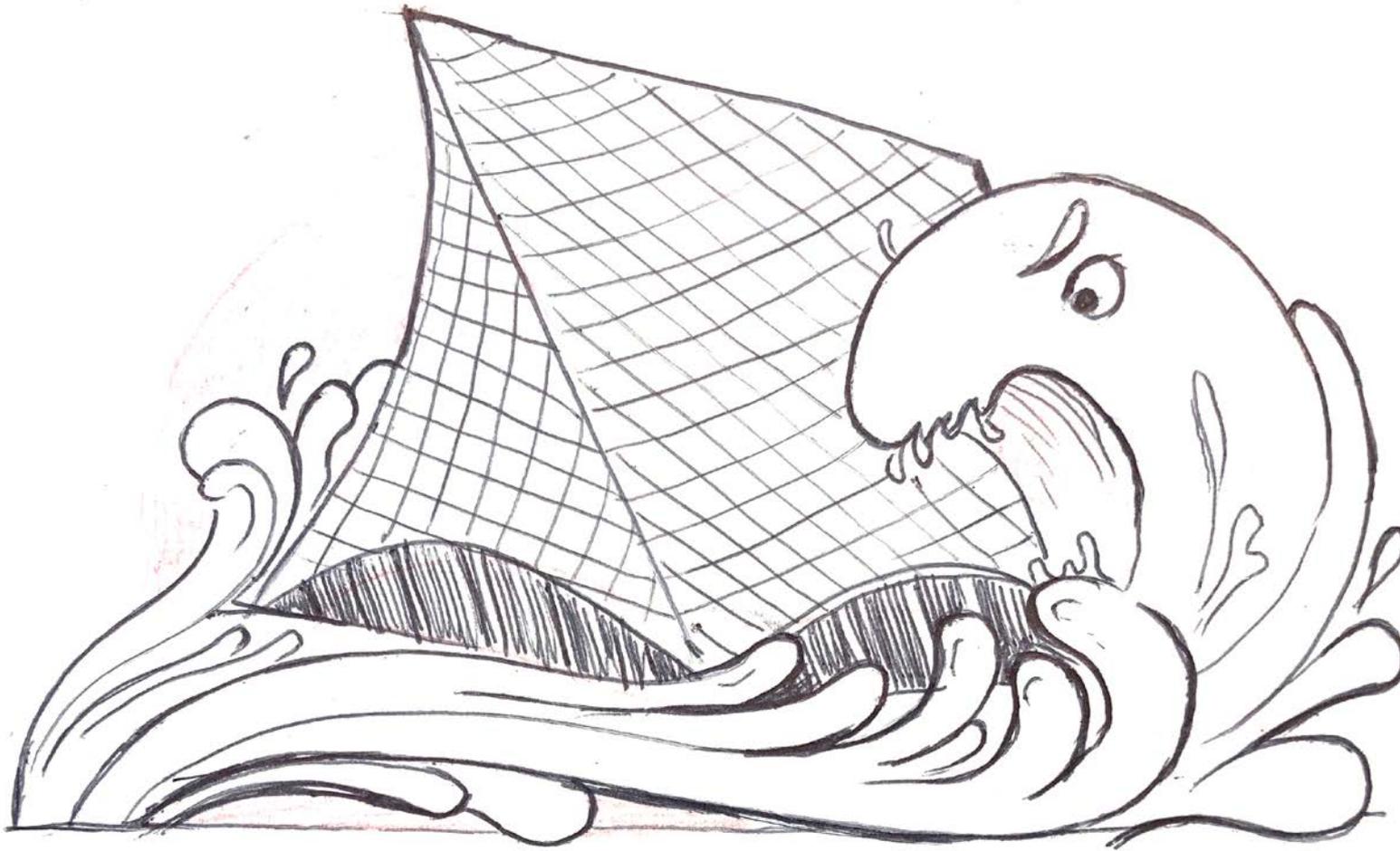
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THINK THE UNTHINKABLE



THINK THE UNTHINKABLE



WHY PREPARE AND PLAN?

- For incidents unmanageable with everyday means.
- Prepare for the worst - the unimaginable.
- Develop at least Plan A and Plan B.
- Contact and get to know supporters - before you need them.
- Teach, train, educate.



Preparedness Strategies and Evacuation Plans



Strategy for Reducing Risks from Disasters at World Heritage Properties (UNESCO 2007)

1. Strengthen institutional support and governance for reducing risks at cultural heritage sites.
2. Use knowledge, innovation, and education to build a culture of disaster prevention.
3. Identify, assess, and monitor risks from disasters at heritage sites.
4. Reduce risk factors at heritage sites.
5. Strengthen disaster preparedness at heritage sites.
6. Strengthen the capacity to „build back better“ and integrate intangible heritage into risk management strategies.



PREPARE AND PLAN

1. Risk Assessment

- Fire
- Flood
- Theft
- Vandalism
- Climate
- Light
- Earthquakes
- Violence
- Severe weather conditions
- ...



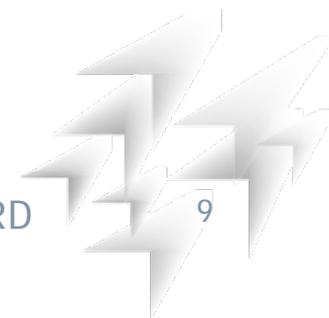
DBU/Schramm, 2018.



Risk Matrix



Likelihood	Almost certain					
	Likely		Deterioration			
	Possible	Accidents, Pollutants	Theft	Climate, Pests & Mold	Extreme Weather	Fire, Flood
	Unlikely		Light			
	Rare	General Security, Violence	Vandalism		Earthquake	
		Insignificant	Minor	Moderate	Major	Severe
	Impact					



2. Internal responsibilities

- Who is in charge?
- Define an emergency coordinator.
- Place him or her high in the internal chain of hierarchy.



DBU/Schramm, 2018.



3. Emergency Plan

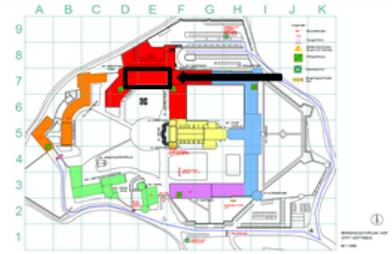
- Internal contact details
- Chain of alert
- Contact details of external experts / institutions / assistance
- Define and label **priorities**
- **Prepare** for an evacuation
 - Route cards
 - Temporary storage areas
 - Packaging material

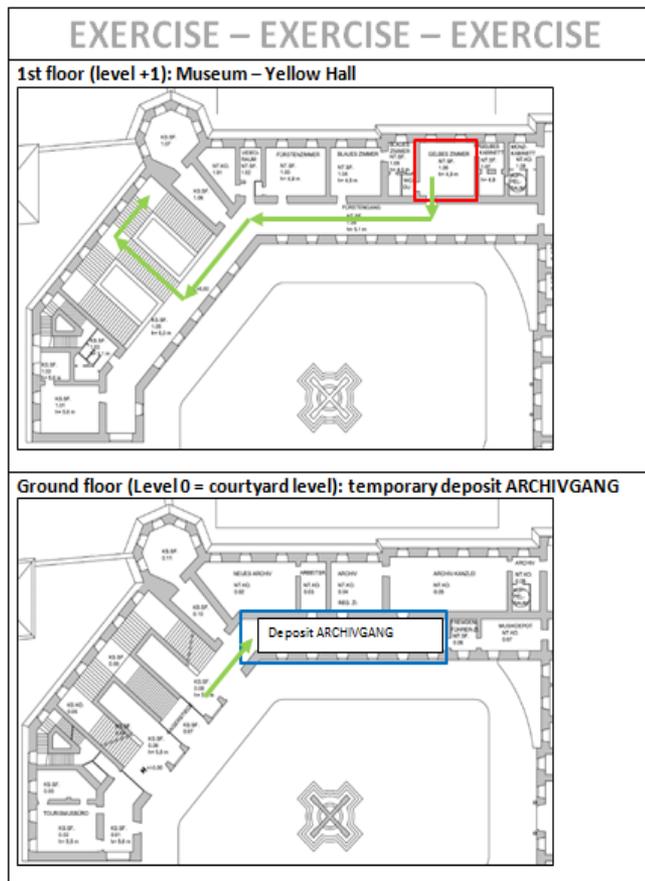


DBU/Schramm, 2018.



Route Cards

EXERCISE – EXERCISE – EXERCISE	
Cultural Property Protection Göttweig Monastery – Exercise 18 th November 2017	Generated: 14.11.2017 Last update: 14.11.2017 Responsible: Anna Kaiser
Priority: 3 stars	★★★★
Object: Two baroque putti	Location: Yellow Hall, Museum, 1 st floor
	
Height above ground: 1,2 m	
Personnel: 3 persons for lifting the glass vitrine	
Material: - Vacuum cups for lifting the glass vitrine	
Temporary deposit: Archivgang	
Caveats: - Transport them seperatedly	
Final deposit: if necessary, will be fixed by the cultural heritage responsible on stage	



DBU/Kaiser, 2017.



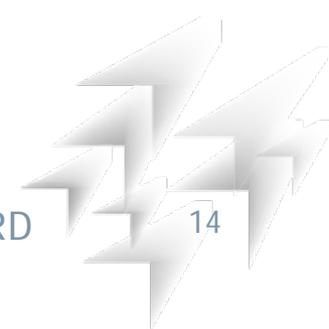
PREPARE AND PLAN

Temporary Storage Areas

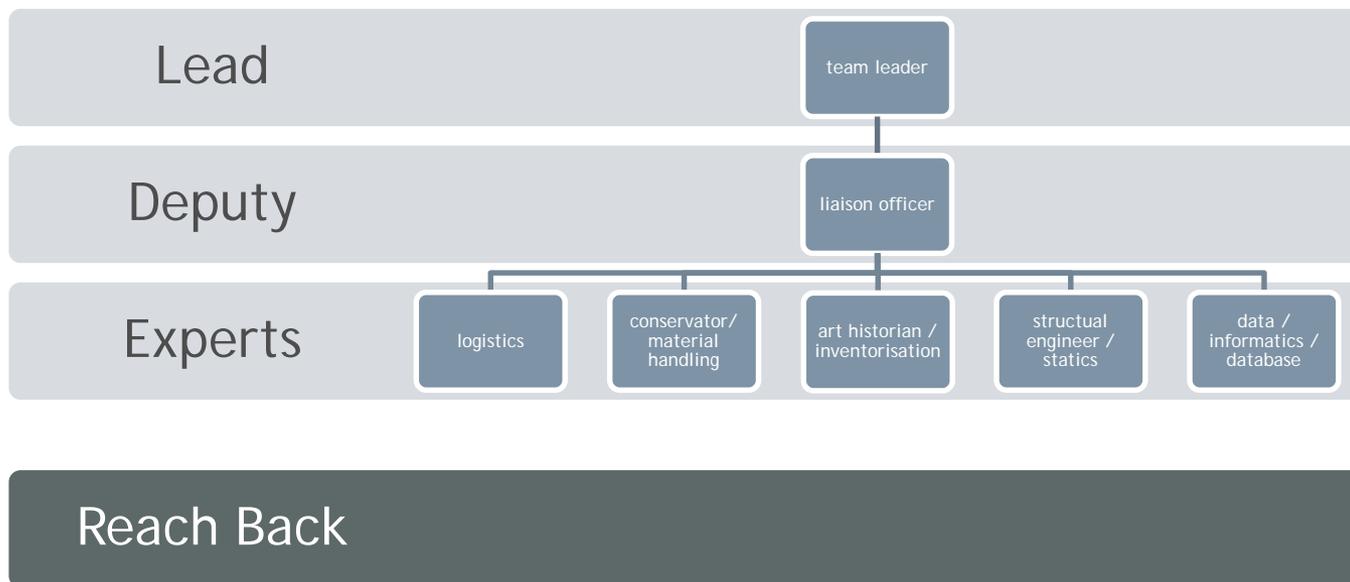


PREPARE AND PLAN

Packaging Material



Cultural Heritage Rescue Teams



DBU/Kaiser, 2019.



PREPARE, PLAN AND TRAIN

Training exercise 2017 Göttweig Monastery



PREPARE, PLAN AND TRAIN

Training exercise 2018 Tritolwerk, Austria



PREPARE, PLAN AND TRAIN

To keep in mind ...

1. Human lives come first.
2. Do not move cultural heritage unless compelling and only if the objects are safer at the new location.
3. Take care of your own safety when recovering cultural heritage.
4. Define interfaces.
5. Raise awareness.



DBU/Schramm 2018.



PREPARE, PLAN AND TRAIN

Raise awareness ...

for

- Preparation
- Planning
- Training

in

Cultural Heritage Protection.

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