



TAKING  
**COOPERATION**  
FORWARD

 *Summer University CPP 2018*  
*Melk Monastery, Austria, August 31, 2018*

 **Final Presentation Summer University Cultural Property  
Protection 2018**

 Anna Kaiser

# GUARDING HERITAGE FROM NATURAL HAZARDS



Climate change and other natural hazards pose a risk for cultural heritage assets and the people around them. ProteCHt2save is a project that works to protect the heritage and nearby populations - especially against the risk of floods. ProteCHt2save produces tools to help local officials manage risks and develop action plans for emergencies.

[www.interreg-central.eu/culture](http://www.interreg-central.eu/culture)



AUSTRIA	Niederösterreich
CROATIA	Jadranska Hrvatska
CZECH REPUBLIC	Praha
HUNGARY	Dél-Dunántúl
ITALY	Emilia-Romagna
POLAND	Śląskie
SLOVENIA	Vzhodna Slovenija



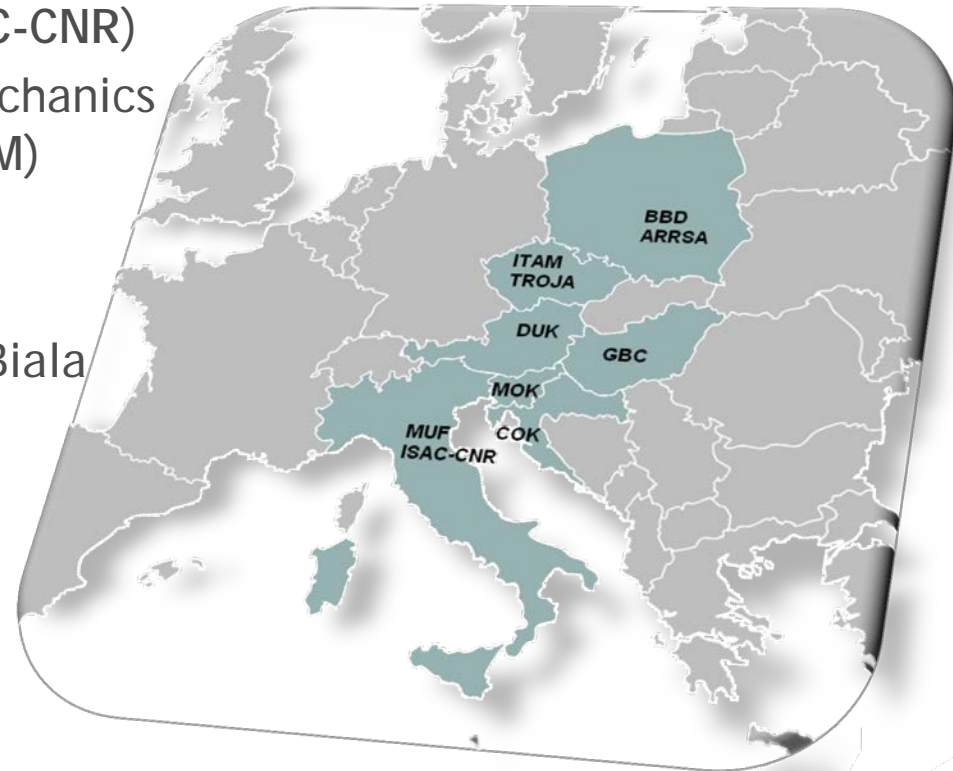
PROJECT BUDGET  
**2.15**  
MILLION €

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ERDF FUNDING  
**1.79**  
MILLION €

## RISK ASSESSMENT AND SUSTAINABLE PROTECTION OF CULTURAL HERITAGE IN CHANGING ENVIRONMENT

1. Institute of Atmospheric Sciences and Climate National Research Council of Italy (ISAC-CNR)
2. Institute of Theoretical and Applied Mechanics of the Czech Academy of Sciences (ITAM)
3. Danube University Krems (DUK)
4. Bielsko-Biala District (BBD)
5. Regional Development Agency Bielsko-Biala (ARRSA)
6. Municipality of Ferrara (MUF)
7. Municipal District Praha-Troja (TROJA)
8. Government of Baranya County (GBC)
9. City of Kastela (COK)
10. Municipality of Kocevje (MOK)



## Objectives ProteCHt2save

- **Defining risk areas** for an improved protection and sustainable use of CH in Central Europe susceptible to disasters and climate change impacts.
- **Determining critical elements for CH vulnerability** in the resilience and risk management process.
- **Setting up of transnational best practices and common strategies** for sustainable use and protection of CH to be integrated in joint action plans in a changing environment.

### Extreme Events

*Flood  
Heavy Rain  
Drought periods (Fire)*

### Cultural Heritage Categories

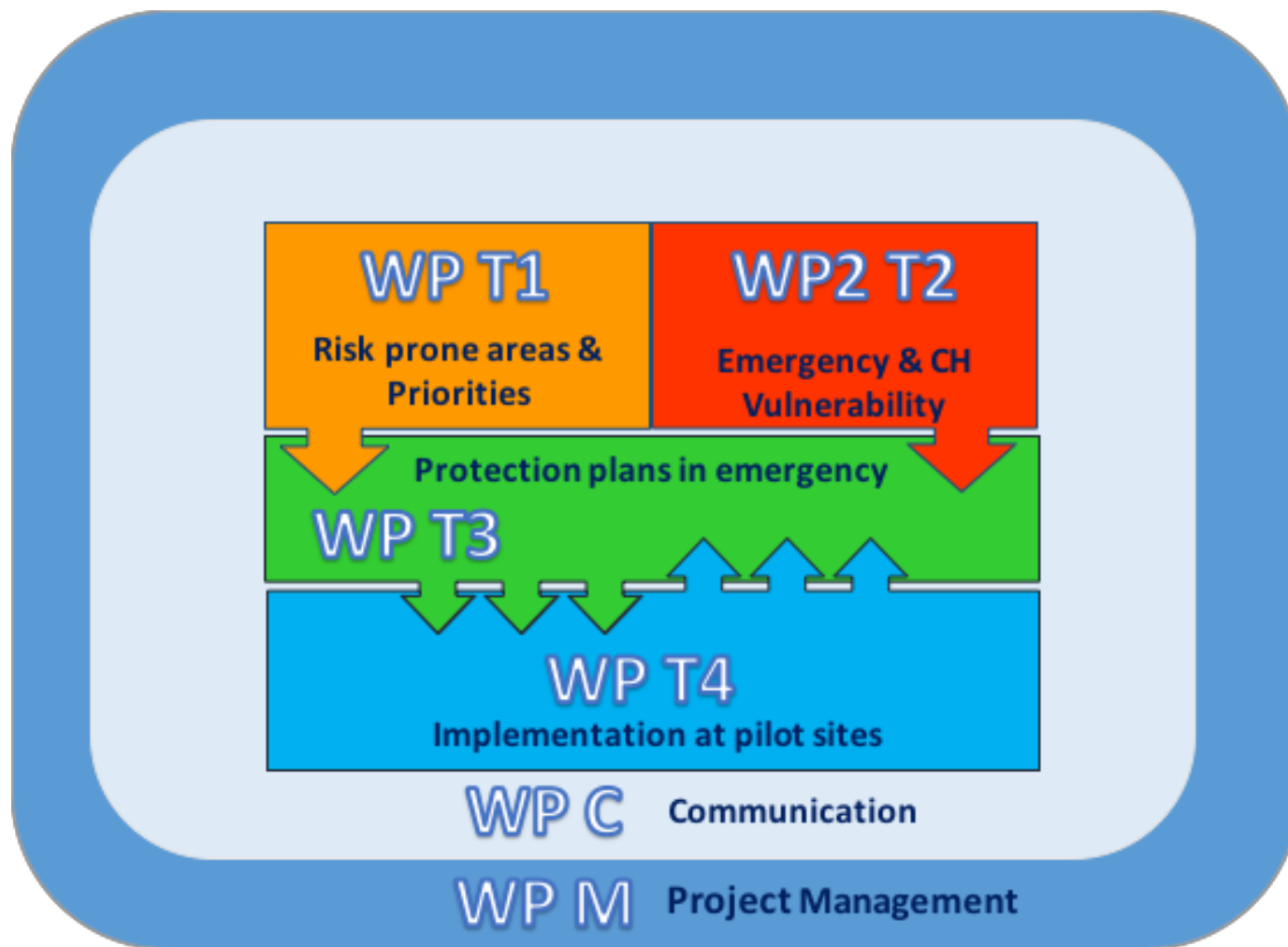
*Monumental complexes with  
related collections located in  
urban areas*



## Deliverables ProteCHt2save

- ICT Solutions for risk management and cultural heritage protection in Central Europe
  - Maps
  - Inventories
- Best practice / example tools
  - Decision support tool
  - Best practices manual
  - Handbook on best practices rescue procedures
- Cultural Heritage Rescue Teams
- Transnational, national and local strategies for the protection of cultural heritage





# SUMMER UNIVERSITY CPP 2018

## Cultural Heritage Rescue Teams and Crisis Staff Work







## Structure and aims of the Summer University 2018

- Crisis Staff Work
- Scenario KOLOMANI18x-3
- Austrian Army Disaster Relief
- Emergency and Evacuation Plans
- Cultural Heritage Rescue Teams



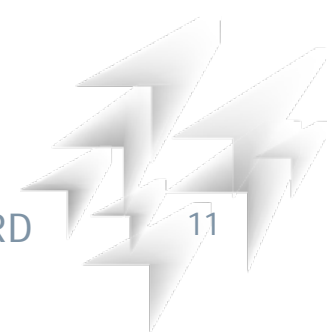
## Crisis Staff Work

- Crisis Staff Work
  - Crisis Staff Work Procedures (Hannes SCHRAMM)
  - Decision Making Process (Hannes SCHRAMM)
  - Fire Brigades Krems (Gerhard URSCHLER)
  - Crisis Coordination Committee Lower Austria (Stefan KREUZER)
  - Coordination of Volunteers - Red Cross - Team Österreich (Michael SARTORI)
  - Stability Policing (Stefano BERGONZINI)
  - Blue Helmets for Culture - Unite4Heritage (Luigi MANCUSO)
  - Cultural Property Protection in the Austrian Armed Forces (Hubert SPECKNER)



## Structure and aims of the Summer University 2018

- Crisis Staff Work
- Scenario KOLOMANI18x-3 (Hannes SCHRAMM, Anna KAISER)



## Scenario KOLOMANI18x-3

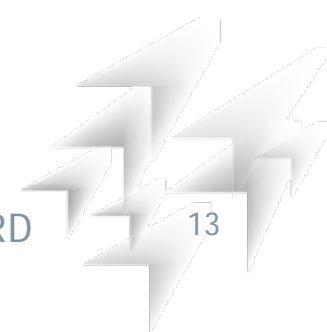
- CPP Experts in Military Crisis Staff - Military Command of Lower Austria
- Evacuation and Safeguarding of movable and immovable cultural heritage in Wachau
- Natural Catastrophes
  - Flood in the Wachau higher than 2013
  - More rain predicted
- Security and Safety Issues
  - Radical minorities in Austria aiming at destruction of cultural goods in Austria



# SUMMER UNIVERSITY CPP 2018



DUK 2018.



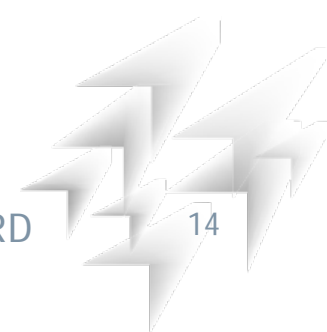
# SUMMER UNIVERSITY CPP 2018



DUK 2018.



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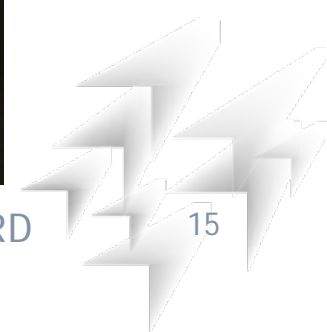
# SUMMER UNIVERSITY CPP 2018



DUK 2018.

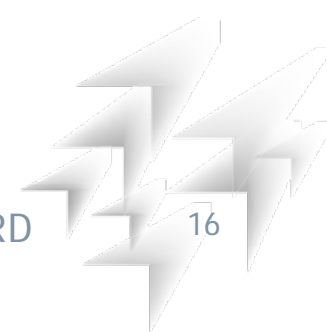


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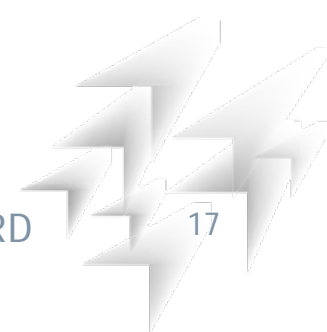
## Structure and aims of the Summer University 2018

- Crisis Staff Work
- Scenario KOLOMANI18x-3
- Austrian Army Disaster Relief



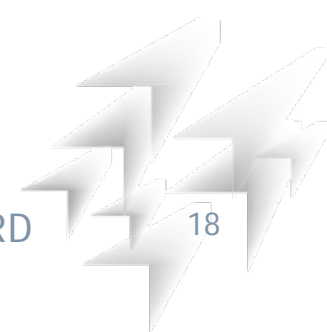


# SUMMER UNIVERSITY CPP 2018



## Structure and aims of the Summer University 2018

- Crisis Staff Work
- Scenario KOLOMANI18x-3
- Austrian Army Disaster Relief
- Emergency and Evacuation Plans
- Cultural Heritage Rescue Teams



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*Melk Monastery, Austria, August 31, 2018*

 **Evacuation Management and Exercise KOLOMANI18**

Team STEFANO



Syndicate Leader Stefano BERGONZINI

Klaus BERNARDI, Armin BRINZING, Karen KOEKENBERG, Alexander MOLITOR, Andreas OBERNOSTERER-RUPPRECHT, Gabriele RAMSAUER, Gerhard SCHEIBER

# EVACUATION MANAGEMENT



Molitor 2018.

The evacuation Management Team



## Agenda:

- Introduction - the Stift Melk
- Kolomani 2018
- Emergency and evacuation plans in general
- Evacuating the Kolomani museum in Melk
- Inventory and Packaging
- Transport, Security and final stocking
- Best practises and Lessons Learnt
- Q&A



- Greetings
- The Evacuation management team
- I'm really the Security Coordinator



Introduction - the Stift Melk



- The Stift Melk was founded around the year 1000
- It is a Benedictine abbey since 1089
- It has the baroque appearance since the 18th century
- It is significant as:
  - A Church
  - Museum with a collection of artefacts
  - Its library holds 100.000+ books including manuscripts
  - It is a high school for approximately 1.000 students
  - It is the touristic hot-spot in Lower Austria

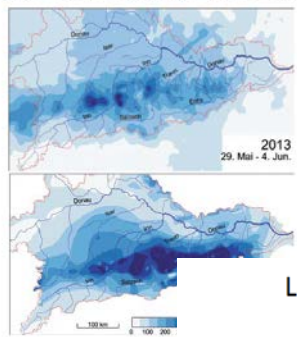


## Introduction - the Stift Melk

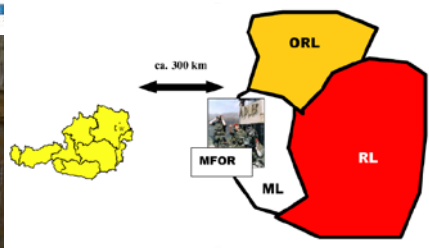


## KOLOMANI 2018

Niederschlag 2013 und 1899



Lage im Großen II



Molitor 2018.



KOLOMANI 2018

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The comprehensive approach:

Civilian authorities

Military

Police

Fire department

The Stift Melk

Volunteers

...



...all necessarily working together to save cultural property!!!

KOLOMANI 2018

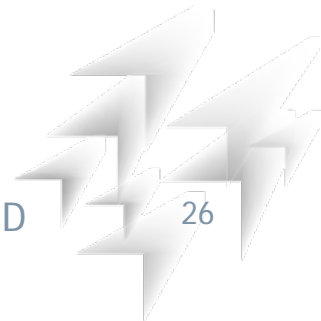


# EVACUATION MANAGEMENT

Protest  
Active shooter  
Theft  
Blackout  
Hacking into Computer Information System (CIS)  
Broken/Lost key  
Burst pipe  
Operator no-show  
Rodents  
Sunray exposure  
Access system out of order  
Strike  
A/C malfunction  
Lightning strike fulmine  
Work accident  
Riot  
Undisciplined pupils  
Blocked password  
Suicide  
Terrorist Attack  
Mold  
Robbery  
CCTV failure

Availability  
Preparation of resources

Emergency and evacuation plans



## Fire



Brand der Bibliothek



zerstörter Rokosaal

[www.anna-amalia-bibliothek-buch.de/Bilder-aus-dem-Buch-47-0.html](http://www.anna-amalia-bibliothek-buch.de/Bilder-aus-dem-Buch-47-0.html)



## Avalanches

<http://www.provincia.bz.it/sicurezza-protezione-civile/protezione-civile/cosa-fare.asp>

Emergency and evacuation plans in general

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# EVACUATION MANAGEMENT

Risk:

Event harmful to people / things



Probability



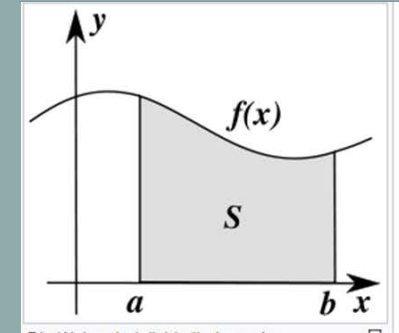
Fire Biblioteca Sanita' Pubblica 2014

Bruna Blasco presentation 30 May 2017



Earthquake Emilia Romagna  
Public Library 2012

%



Flood October 2000 Archive University of Torino  
Centro Piero della Francesca

Antonella Pieri presentation 30 May 2017 - Foto: Astud (Archivio Scientifico Tecnologico Università di Torino) e Soprintendenza Archivistica e Bibliografica Piemonte e Valle d'Aosta

2016 [edit]

- 2016 São Paulo flood and mudslide
- April 18 – 2016 Houston floods
- 2016 European floods
- 2016 Oklahoma floods<sup>[26][27]</sup>
- 2016 Maryland flood<sup>[28][29]</sup>
- 2016 Louisiana floods<sup>[30][31]</sup>

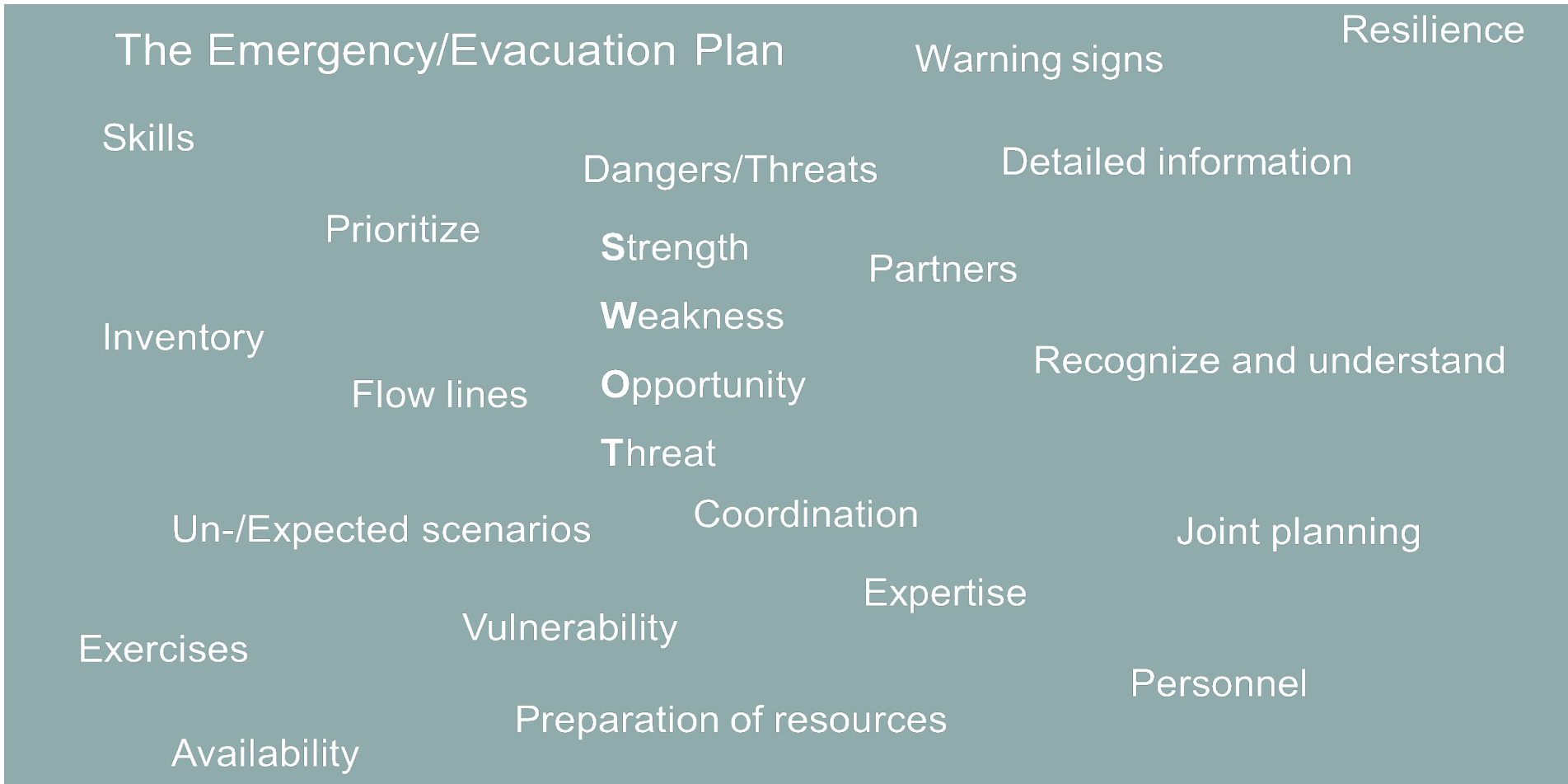
[https://en.wikipedia.org/wiki/List\\_of\\_floods](https://en.wikipedia.org/wiki/List_of_floods)

Emergency and evacuation plans in general

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# EVACUATION MANAGEMENT

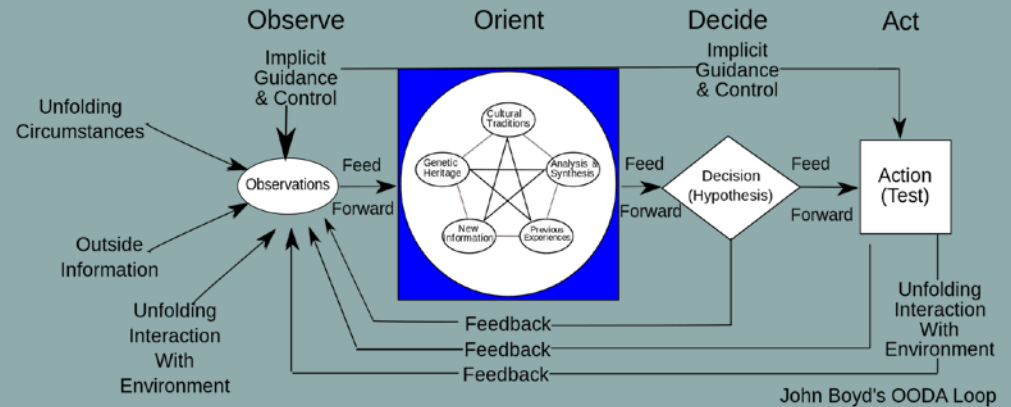
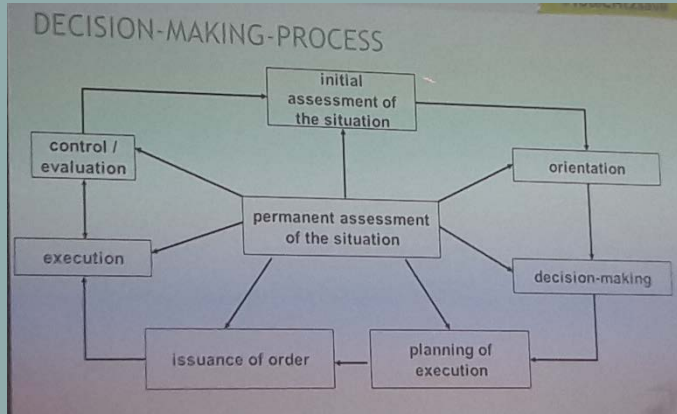


Emergency and evacuation plans in general



# EVACUATION MANAGEMENT

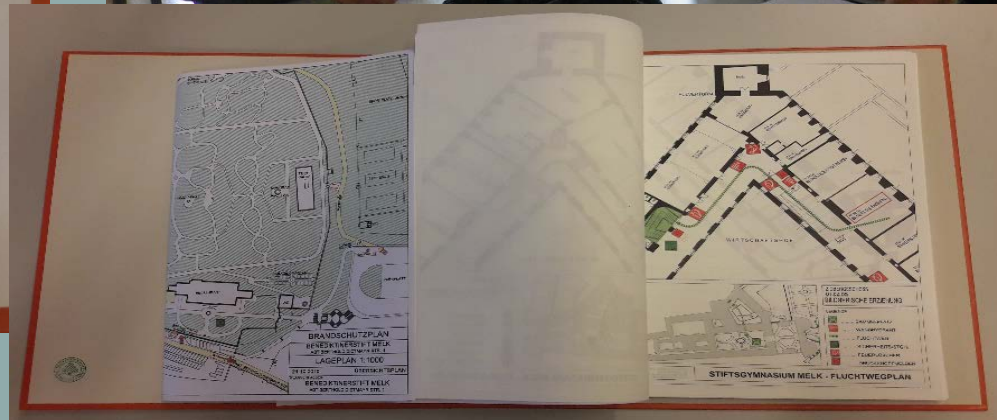
The decision making process and structured planning system to develop viable solutions.



Emergency and evacuation plans in general



# EVACUATION MANAGEMENT



Evacuating the Kolomani museum in Melk





# EVACUATION MANAGEMENT

- Inventory number and sheet
- Description of the object
- Picture
- Priority
- Special treatment (HAZMAT)
- Exact location
- Personnel needed



Molior 2018.

**Übung-Kolomani-2018**

Stift-Melk	Geschoß 2		Laufende-Nummer 033
Priorität: .....hoch  			
Objekt: .....Abendmalskelch mit Deckel 			
Lage: .....Klasse '01' R20 .....Auf Tisch-Mitte			
Maße: 25 x 11 x 11 cm Gewicht: ca. 1 kg Höhe über Boden: 75 cm			
Personal-Manipulation: 1 Material-Demontage: -			
Zwischenlagerung: Blrago-Kaserne, Melk		Verpackt durch:	
Weitere-Hinweise:			

## Inventory and Packaging





Legal obligation when packing cultural property:

EN 15946 conservation of cultural property – packing principles for transport

EN 16648 conservation of cultural heritage – transport methods

Inventory and Packaging



## Emergency box

- Suitable Packaging material
- Hazardous objects



## Inventory and Packaging

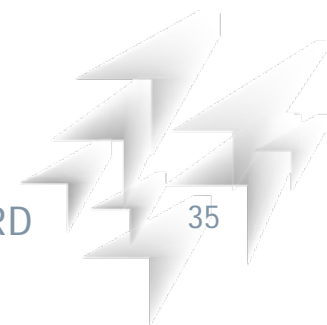


## Supervision by experts

- Books
- Valuables
- Coins
- Chalice
- Furniture
- Paintings



## Inventory and Packaging



# EVACUATION MANAGEMENT

Importance of documentation from packaging to the storage

Development of transportation requirements

Handover procedures (always 2 persons ...)



**Exercise Kolomani 2018**

List of evacuated objects

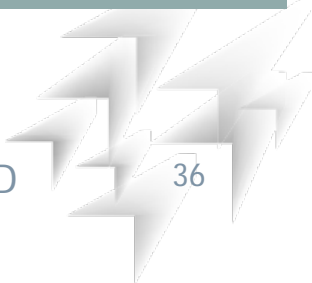


**Checkpoint: Packaging (complete list in numerical order)**

Inv. no.	packer 1	packer 2	Time	Handed over to	notes
001					
002					
003					
004					



Transport, Security final stocking



## X-check at museum exit (goods and personnel)



**Exercise Kolomani 2018 – List of evacuated objects**  
**Checkpoint: Exit Museum**

**STIFT  
MELK**

SENEDEKTINERKLOSTER

Time out	Time in	Inv. no.	Handed over to	Notes



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Transport, Security final stocking

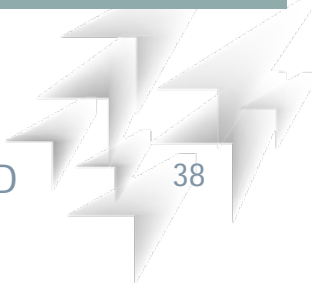


# EVACUATION MANAGEMENT

## Handover to Austrian Armed Forces Transport



Transport, Security final stocking



# EVACUATION MANAGEMENT

Handover at final storage area at Austrian Armed Forces' barracks  
X-check at the end with the original packing list



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Exercise Kolomani 2018 – List of evacuated objects



Checkpoint: Storage at barracks

BENEDIKTINERLÖCHER

Time	Inv. no.	Handed over to	Notes

Transport, Security final stocking



# EVACUATION MANAGEMENT

- Location
- Agreement
- Security - conditions
- Inventory check
- Communication



Molitor 2018.



Molitor 2018.

Transport, Security final stocking





## Best Practises and Lessons Learned:

- People are key - communication and cooperation
- Information readily available



Best practises and Lessons Learnt



## Best Practises and Lessons Learned:

- Force Protection is priority
- Expertise and Flexibility



Best practises and Lessons Learnt



Thank you very much for  
your attention




Q&A



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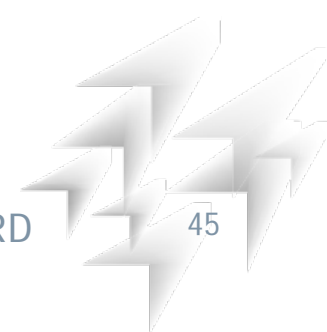
 *Summer University CPP 2018*  
*Melk Monastery, Austria, August 31, 2018*

 **Cultural Heritage Rescue Teams 1**

 **Team CRISTINA**  
Syndicate Leader: Cristina COLLETTINI  
Armin BLITZ, Ilse ENTLESBERGER, Kimberly HIMMER, Barbara INTERLANDI, Olivier MELCHIOR, Sonja MÜHLBACHLER

# INTRODUCTION

- Recommendation and Mission Statement
- Purpose
- Structure
- Equipment
- Training - CHRT Course
- Mission preparation



# RECOMMENDATION

Establish an international NGO to provide team personnel, equipment and the necessary financing of CHRT operations. It is modelled on rapid response teams such as Doctors without Borders (MSF).



# MISSION STATEMENT

CHRT offers a rapid response for the protection of cultural heritage facing environmental disasters and the consequential effects. CHRT is part of an international NGO created specifically with cultural heritage experts with specialist competences to identify, prioritize and safeguard the integrity of tangible heritage. It engages with various stakeholders (to include local governments).



# PURPOSE

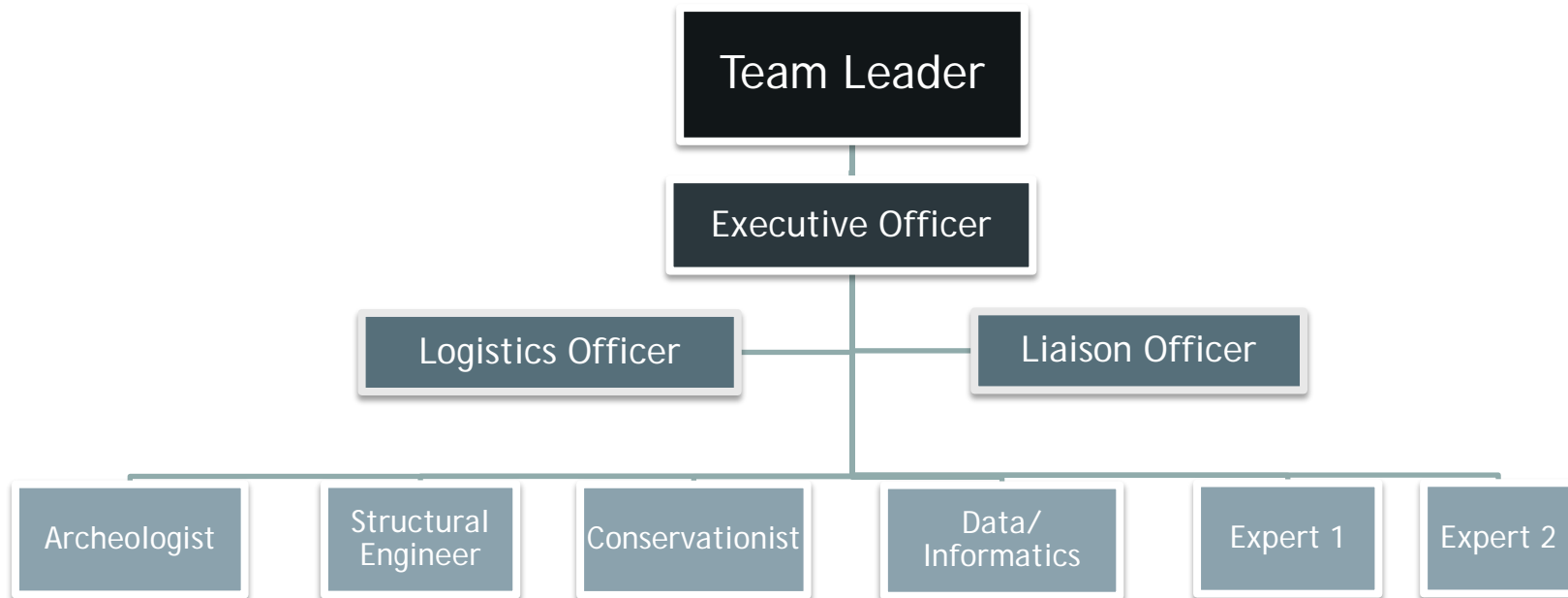
The purpose of a Cultural Heritage Rescue Team (CHRT) is to secure the safety of immovable and movable heritage in crisis situation.





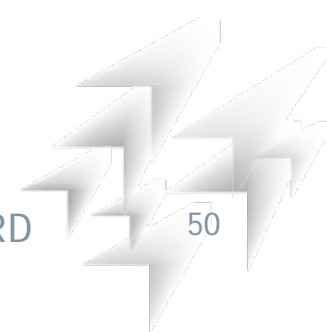
# ORGANIZATIONAL STRUCTURE

The CHRT consists of generalists and specialists deployed subject to the needs identified by the stakeholders.



# ORGANISATION OF TEAM, STRUCTURE AND EQUIPMENT

- Equipment is provided by the NGO.  
*Storage and responsibility* - Recommendation that the “kit” is held by in each region, close to major airport and at least two main roads.
- Additional equipment may also be requested from local/national governments by liaison officer/logistics officer.
- Material is organised on the basis of type such that it is readily identifiable.
- The logistics officer provides the necessary protective material subject to the items.



# SECURITY EQUIPMENT REQUIRED

- Boots with steel toe and steel shank
- Helmet with integrated light
- Gloves
- Eye protection
- Ear protection
- Face mask
- Waterproof jacket
- Harness
- Identifiable vest with team name and reflective properties

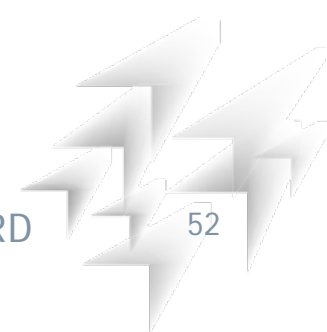


## Communication

- SATCOM
- Walki Talki provided by host
- Smartphone (with dedicated App)
- Basic office materials
- Maps and plans (on request)
- Tablets

## Technical

- Boxes and storage equipment
- Packaging and protection systems
- Basic handtools
- Vehicle
- Lights
- Restoration equipment
- Cameras
- Generator



## CHRT basic course

Training should be off-site and on-site (practical)

Decision Making process - how to set up mobile unit, how to execute, how to move

- How to ensure safety of CPP experts
- Health and safety - how to move objects without injury to CPP experts
- How to secure material heritage
- Contaminations and control
- How to use equipment
- Team structure and protocol
- Team leader, Executive/Logistics/Liaison Officer training
- Stakeholder interests
- Practical exercise before deployment to include informatics and standard operating procedures
- Evaluation: stress and anxiety management

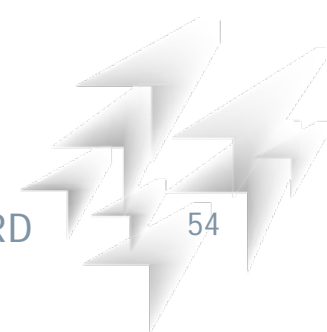


## Basic Training

- Course to be available in multiple countries
- Course is online and consists of 10 Modules

## Implementation

Accredited institutions - designated university (private-public partner), designated governmental agencies



# MISSION PREPARATION

Foundation/NGO established with dedicated employees and back office.

## Event occurs...

- 0 hrs* Foundation received request.
- 24 hrs* Foundation responds to request. DMP of Foundation begins. MoA implemented.
- 48 hrs* Liaison officer familiarises himself/herself with the situation on the ground.
- 48 hrs* HQ appoints national team leader (if possible). Team is established 48 hours.
- 56-72hrs* Team despatched and kit despatched.
- Travel* Mission begins.




# REPORTING STRUCTURE

- The Team Lead is in charge of reporting to back office and represents the team.
- S/he is responsible for communication and actions.
- S/he can utilise the liaison officer for official communication and can delegate as necessary.
- Internal reporting: the various CPP members report to the Team Lead.





The background of the slide is a photograph of a stone wall. In the center, there is a circular mural or fresco depicting a religious scene, possibly the Last Supper, with several figures seated around a table. The wall is made of light-colored, irregularly shaped stones. The text is overlaid on this image.

A calamitous event is, by its nature, destructive.  
It is everyone's duty to spend all the energies  
necessary to guarantee cultural heritage  
safeguarding and securing, not only because of  
historical and artistic value cultural heritage has but  
because it is representative of our historical  
identity.

Thank you for your attention!

# Interreg

CENTRAL EUROPE

ProteCHt2save



European Union  
European Regional  
Development Fund

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## Cultural Heritage Rescue Teams 2

Team PAUL



Syndicate Leader: Paul FOX

Florian DIETRICH, Tim PURBRICK, Altagracia PYTEL, Alessia STROZZI, Trifon TRIFONOV, Nur UMAR

# CULTURAL HERITAGE RESCUE TEAM

Purpose  
Tim & Trifon

Structure  
Tim & Trifon

Equipment  
Nur & Florian

Training  
Nur & Florian

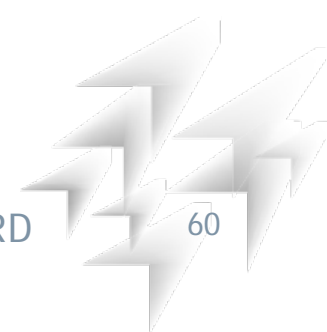
Mission  
preparation  
Alessia & Gracia



Purpose

## What's the Task (Mission) of a Cultural Heritage Rescue Team (CHRT)?

Deliver First Aid to cultural heritage in times of crisis



Purpose

Which Capabilities and Capacity should a CHRT display?

Capabilities = Skill Sets, Competences

Capacity = Resources  
(how many tasks can be done)

Enabling Capabilities	Operational Capabilities
Security	Situation assessment
Management	CH assessment
Coordination	Decision making
Documentation	Action plan
Logistics	
Decide plan and lead	

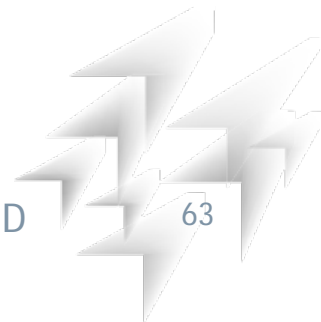


## Structure

Which functions should be displayed in CHRT ?

### Assumptions

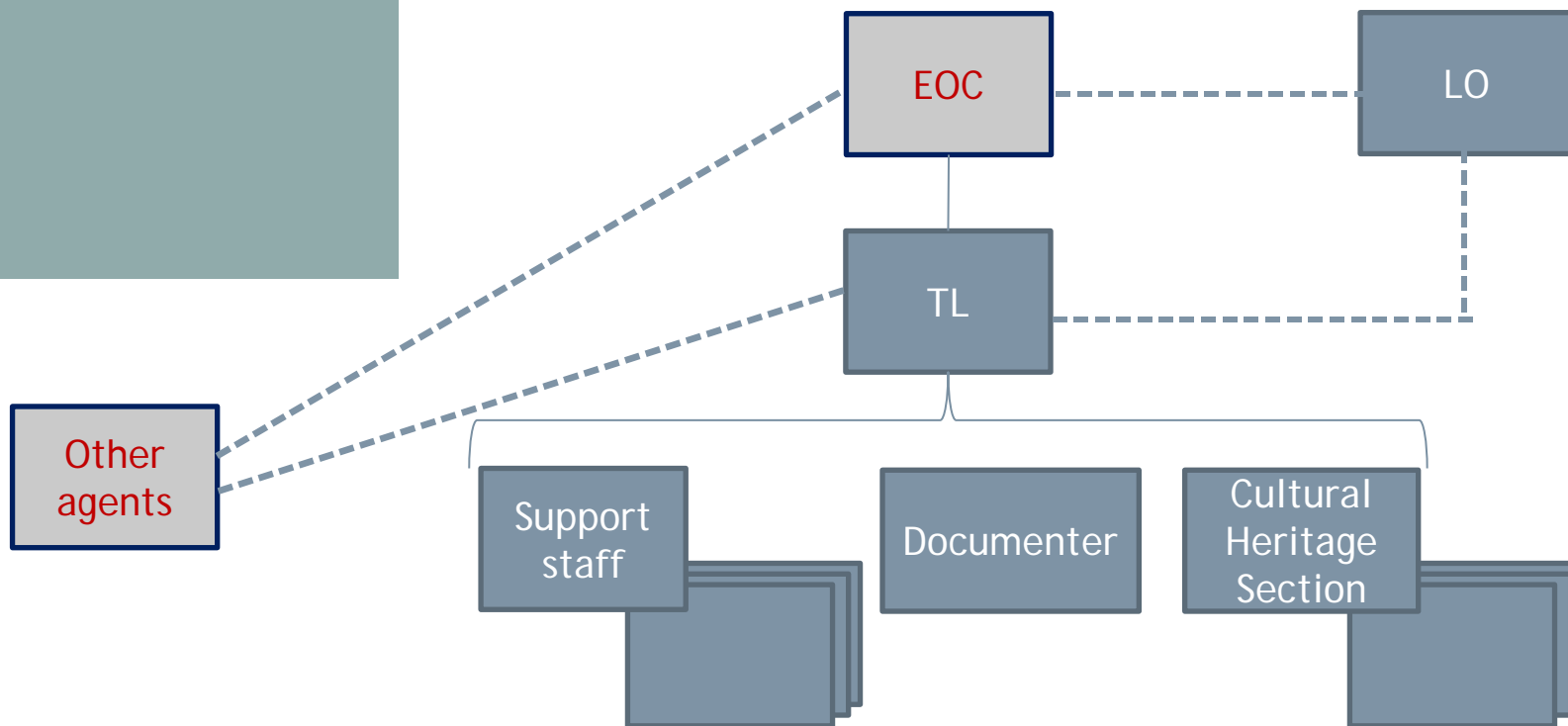
- Simple emergency
- Safe environment
- Logistic support provided
- Legal permission given by authority



How should the structure of a team look like?

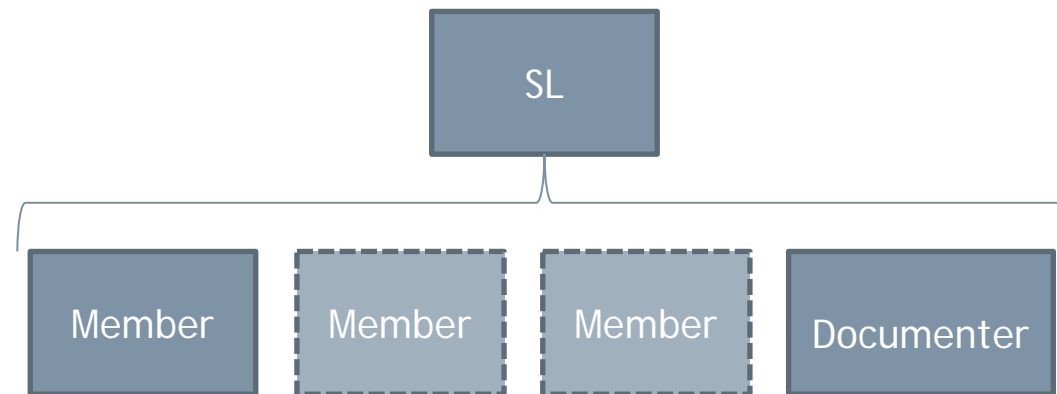
Structure

### Simple Structure



## Structure

## Section



- Documenting
- Handling
- Packing
- Moving
- Storing





## Equipment

What should be included in personal security equipment?

- ID Card
- Head Torch | Torch
- First Aid Kit
- Helmet
- Face Mask | Eye Protection
- Hi-vis Clothing
- Gloves
- Boots
- Communication Equipment
- Knife | Pliers
- Whistle
- Rescue Beacon
- Blue Force Tracker



## Equipment

What kind of equipment should we provide for the team?

- Carry bag | Backpacks | other
- Ruggedized Laptops | International Plugs
- Cameras | Headcam | SLR
- Marker Kits
- Ropes
- Packing Materials | Carry boxes | Labels
- Notebooks | Pens etc. (documentation)
- Red light
- Tool-Kits
- Communication
  - Pers. Comms | Sat Phones | Radio etc.
  - Internet Connection Satellite
- Specialist Eqpt - Op Dependent - not listed



## Equipment

What kind of equipment should we provide to establish an inventory?

- Cameras
- Inventory Emergency Form
- Marker Kits
- Stationary Kit
  - Ruler
  - Colour Chart
- Existing information



## Equipment

### How should equipment be organized?

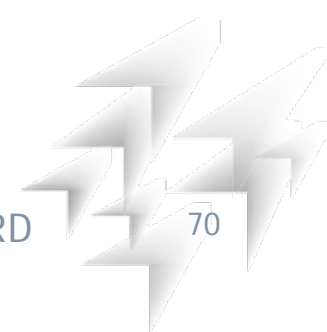
- Personal kit is the responsibility of Team Members
- Team kit has to be within the Headquarters | Base
- Equipment has to be stored in ruggedized boxes



Training

## CHRT course content - structure

- Individual
- Team
- Specialist
- Annual refresher - new knowledge | skills
- Leadership
- Pre-deployment



## Training

### CHRT basic course content - activity (individual)

- Health & Safety (Risk | Security)
- First Aid
- Fitness & Medical
- Equipment Training
- Decision Making Process
- CHRT individual skills
  - “Working practices”
  - Documenting | Handling
  - Packing | Moving | Storing



## Training

### CHRT basic course content - understand (individual)

- Command & Control
- PR Awareness
- Recruiting process
- Logistics
- Legal
- Finance
- Wider activity



## CHRT basic course content - activity (team)

- First Aid
- Casualty Extraction
- Team Skills - “Working Skills” CHRT
  - Documenting | handling
  - packing | moving | store
- Decision Making Process
  - Assessment
- Health & Security
  - Risk
  - Security

Scenario based training

Training





Training

## Testing regime

Standard  
to be met

Test



## Training

### Course organization and institutional delivery

#### Organization

- All options (not virtual)
- Modules/block
- Beer drinking (Team building)

#### Institutional delivery

##### Collaboration by:

- Museum | CH Institutions
- University
- UNESCO, ICCROM
- ICORP, ICOMOS, ICOM, IFLA



## Training

Which institutions can conduct and validate standardized training?

- Basic course
- Annual Refresher Training
- Specialist Continuation Training

Institutional delivery

Collaboration by:

- Museum | CH Institutions
- University
- UNESCO, ICCROM
- ICORP, ICOMOS, ICOM, IFLA



## Mission Preparation

### Mission Preparation

1. Receive Tasking
2. Deploy Liaison Officer → EOC
3. Open Source Media Search
4. Call Out Team
5. Briefings
  - Theatre / Site specific
  - Cultural / Security
5. Prepare Equipment
5. Require Specialist Equipment
5. Arrange Transport to Site



Mission  
preparation

## National or international teams?

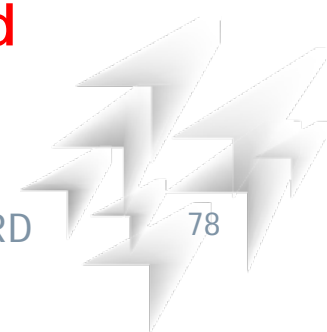
\*Crisis dependent\*

### NATIONAL

- Defined standard
- Team training

### INTERNATIONAL

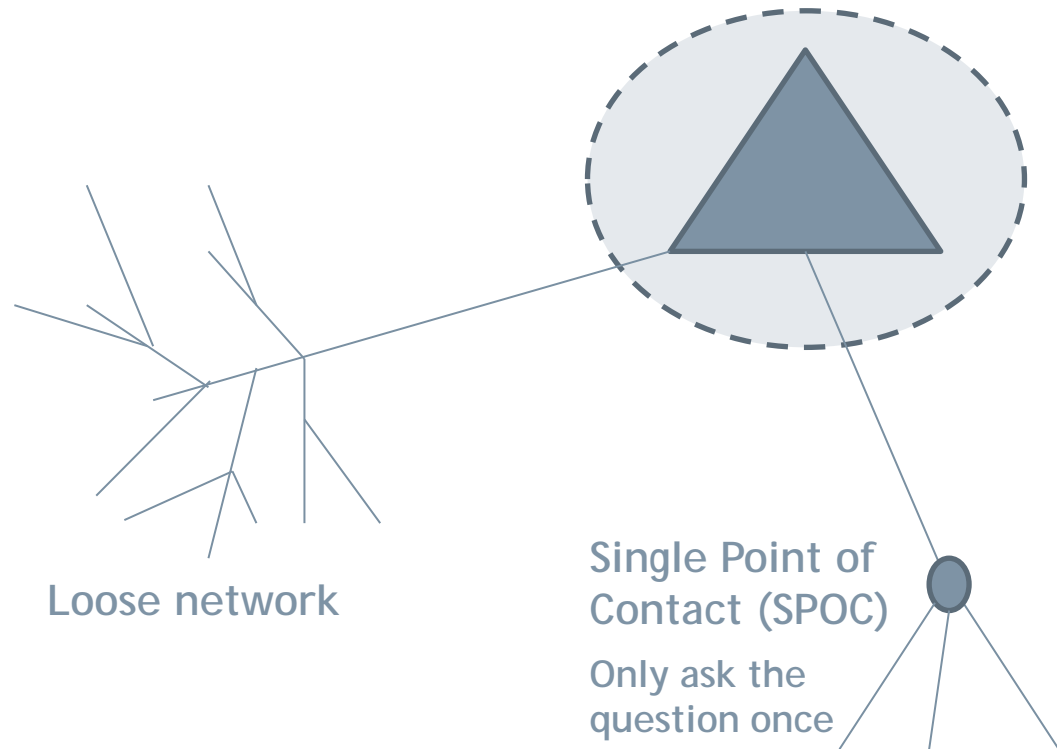
- Best qualified
- Most experienced
- **Different training standards**
- **No team training**
- **Language**
- **EQPT standard**





## Organization of Reach-back

Mission preparation



Loose network

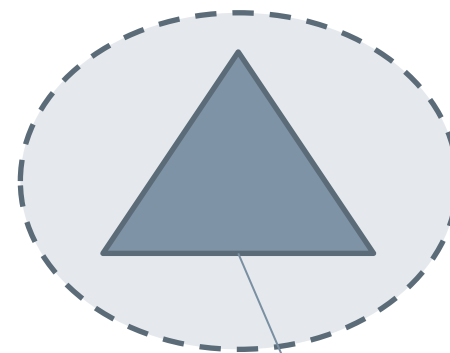
Single Point of Contact (SPOC)

Only ask the question once





# Mission preparation



Single Point of Contact (SPOC)

Only ask the question once



## Home base operation centre

Mission  
preparation





## Mission preparation

## Characteristics of a home base operation centre

### Who provides?

- CHRT Organization
- Academics
- CH Institutions
- NGOs
- IO
- State organization

- Communications
- Rooms | Space
- Professionally qualified and experienced staff (several)
- Professional network access
- Funded
- 24/7/365 during OP?



Mission  
preparation

## How to organize a reporting system?

### Situation report

- Date
- Team
- ID
- Persons
- Equipment
- Logistics
- Financial
- Mission status
- Next action
- Location

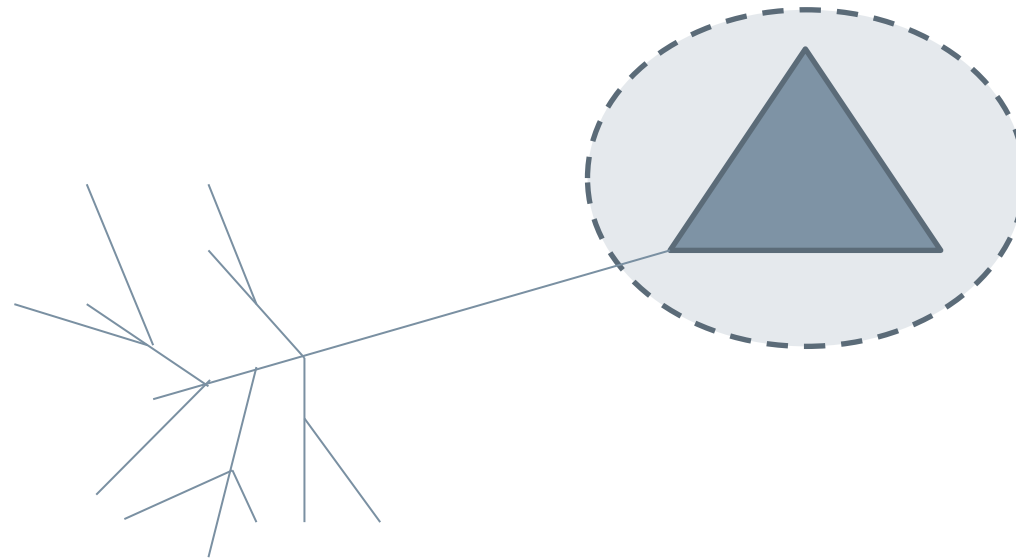
### CH First Aid Report

- Date
- Team
- ID
- Location
- CH Activity
  - Last 24h
  - Next 24h

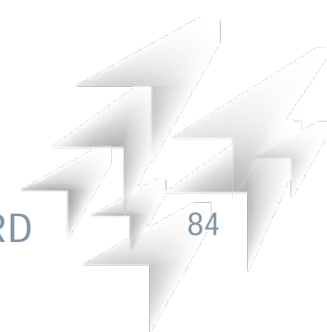


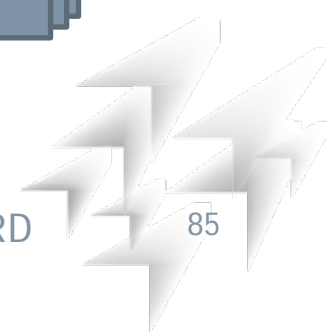
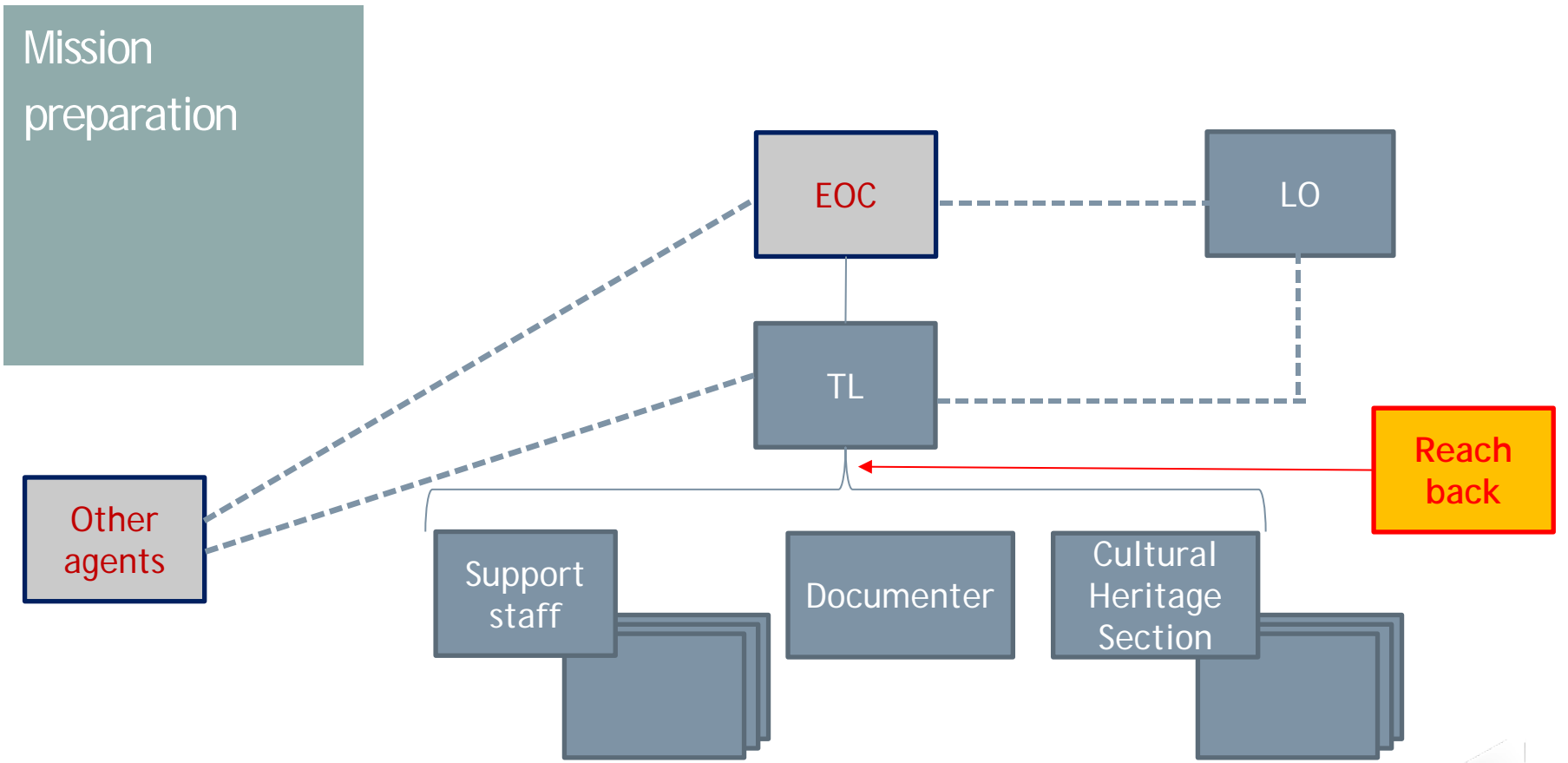


Mission  
preparation



Loose network

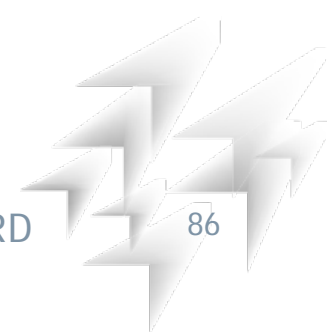




Thank you very much for your attention!



Absent on operations: Alessia



# Interreg

CENTRAL EUROPE

ProteCHt2save



European Union  
European Regional  
Development Fund

TAKING  
COOPERATION  
FORWARD



*Summer University CPP 2018  
Melk Monastery, Austria, August 31, 2018*



EU Report Safeguarding Cultural Heritage from Natural and Man-Made Disasters



Paul Fox

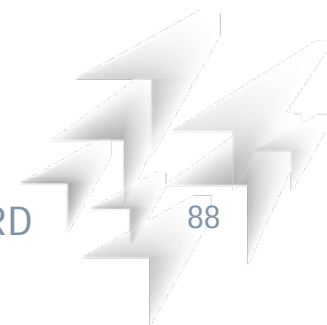


## Safeguarding Cultural Heritage from Natural and Man-Made Disasters

*A comparative analysis of risk management in the EU*



Creative Europe



## Key Lessons learnt during the Study

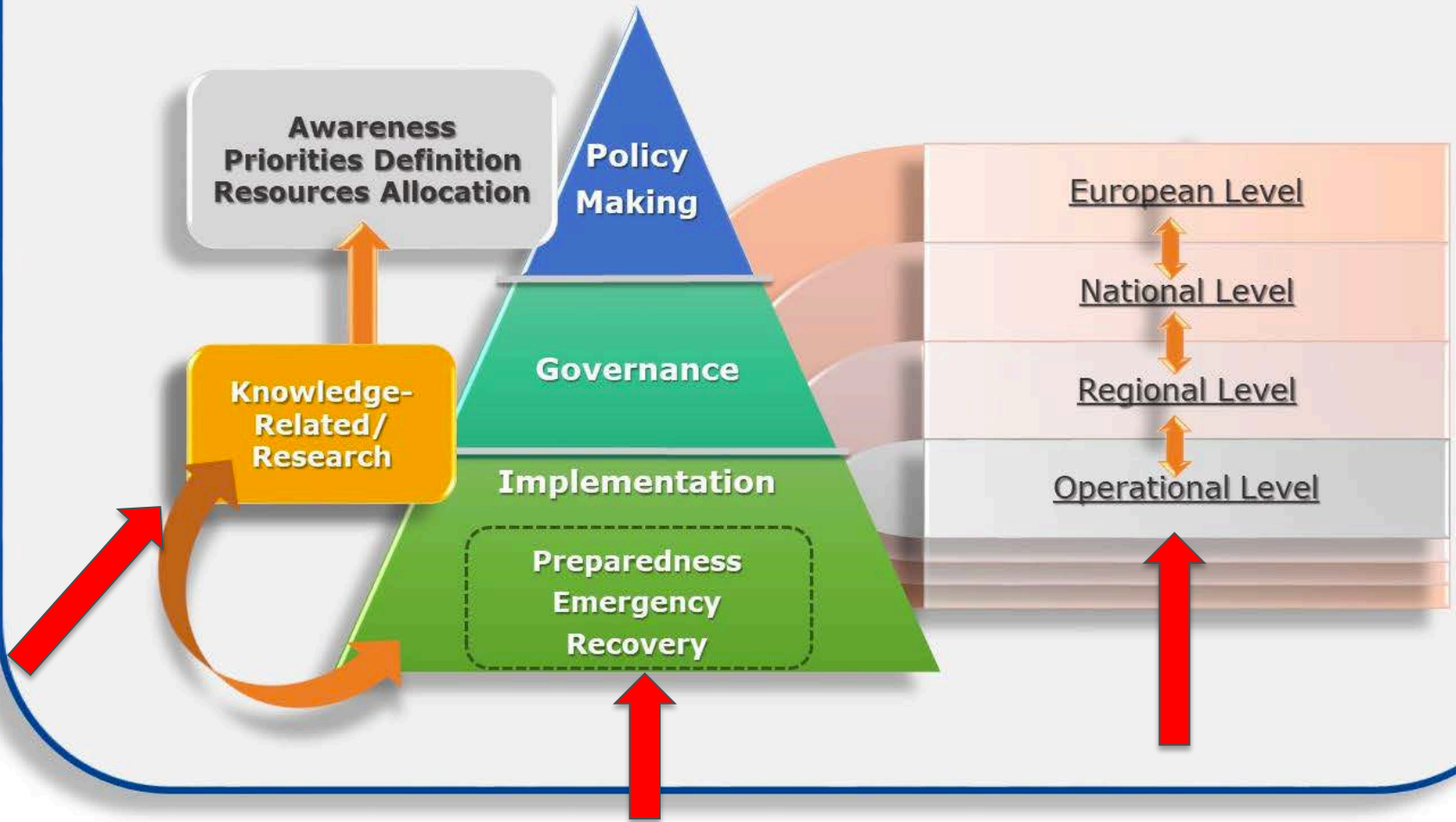
The integration of cultural heritage into national disaster and risk reduction strategies ... still suffers from:

- The **lack of coordination** between and across the different (European, National and Regional) strategies of risk management policies in most countries.
- The **lack of alignment in the responsibility chain from policy making to practical application.**
- The **low current priority** of cultural heritage in risk management planning.
- The **lack of integration of cultural heritage protection measures** into risk management strategies.





# European Cooperation



## General recommendations

### *Priority 2 - Strengthening disaster risk governance to manage disaster risk*

#### *Promote collaboration of competent authorities*

**Foster collaboration** by each country's competent authority (e.g. Ministry of Culture, Civil Protection, Police, Fire Dept.) for planning preparedness, emergency reaction and recovery and **encourage coordinated actions** among EU member states.

#### *Support structural documentation*

Support the **documentation**...built heritage.... This will facilitate operational procedures and ensure more **easy and timely access** to the required information. Preferably, such activities should be carried out **in advance of any disaster incident** occurring.

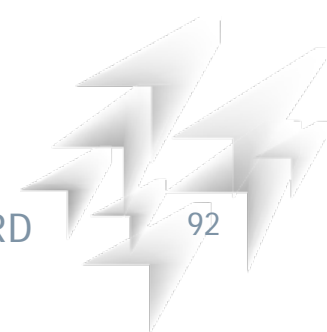


## General recommendations

*Priority 3 Investing in disaster risk reduction for resilience*

*Establishment of priorities for protecting cultural heritage asset*

**Define priorities** of cultural heritage assets to be rescued and **make this information readily available** to the relevant authorities.



## General recommendations

### *Draft European Standards*

European Standards for safeguarding specific categories of cultural heritage assets against the effects of different types of disaster should be drafted.

[...]

### *Support and enhance research*

- Develop early warning and damage modelling systems.
- Develop locational maps of European cultural heritage at risk that link with...potential risks.
- Create measure-oriented database information on the criticalities of cultural heritage and intervention priorities.
- Create **recovery measure preparedness in advance of** an incident taking place.



## Identified Gaps and Required Activities

### *Administration and Managerial Implementation*

There is a need for:

- Promoting, creating and piloting an effective **co-ordinating methodology** for all potential disaster related incidents, including those that transcend operational boundaries.
- **Training responsible employees on emergency disaster planning and how to respond accordingly.**
- Creating and making available **electronic archival reference material.**
- Setting up informed criteria and techniques for **prioritising and securing valuable items and assets** in the event of an emergency.



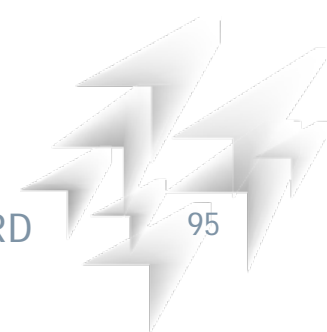
## Enhancement of education

In support of Priority 3, the education of all parties interested in ameliorating the potential consequences of disasters affecting the cultural heritage is a primary prerequisite for all categories of risk. Various approaches are available:

### *Actions to educate specialists*

The EU could encourage a greater understanding of the issues by supporting seminars and networks of collaborative postgraduate courses for specialists in different fields. The issue of Cultural Heritage Risk Assessment should not be solely conducted in theoretical terms; a connection between practical knowledge and its pragmatic implementation on the ground has to be achieved.

p.28



## Enhancement of education cont.

In support of Priority 3, the education of all parties interested in ameliorating the potential consequences of disasters affecting the cultural heritage is a primary prerequisite for all categories of risk. Various approaches are available:

### *In-post **training** for employees*

Supporting regular in-post staff training should be considered compulsory, with **seminars** and **practical sessions** providing information and understanding, and **improving skills on how to deal with emergency situation** occurring....

It is also beneficial to ensure that members of the action-taking task forces (e.g. Fire Department, Police, Red Cross etc.) **regularly participate in readiness exercises** and attend mandatory training seminars. Achieving familiarity of **current operating conditions** is essential to success.

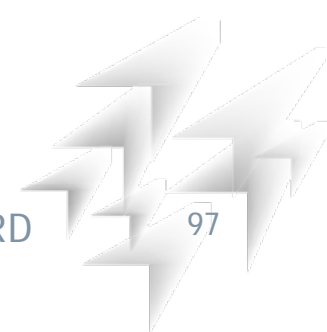
p.28



## Adoption of evacuation and recovery measures by cultural institutions

Concerning Priority 4, initiating and encouraging as many cultural institutions as possible to **adopt evacuation and recovery measures** for cultural heritage assets in emergency situations by looking at lessons learnt from previous historic incidents of good and bad practice is of great importance.

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It is recommended that National Authorities be reminded that:

There is need to establish or to develop **civil-military cooperation**.



It is recommended that Regional and local Authorities be reminded that:

- **Preparatory measures** in civil-military cooperation have to be undertaken on a local and regional level.
- The coordination between civil and military forces should be ensured through **coordination centres**.
- On-site knowledge and **local experience** are crucial for the implementation of protection-measures.
- The cooperation of civil and military forces has to be established or improved through **joint training exercises** at a local level.



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European Union  
European Regional  
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TAKING  
**COOPERATION**  
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*Summer University CPP 2018*  
*Melk Monastery, Austria, August 31, 2018*



Final Presentation Summer University Cultural Property  
Protection 2018



Anna Kaiser