



GLOBAL  
**SHELTER CLUSTER**

Coordinating Humanitarian Shelter and Settlements

**Technical Community of Practice**

# GREENER SHELTER

## Sub-Technical Community of Practice

**1st meeting – 19 June 2025**

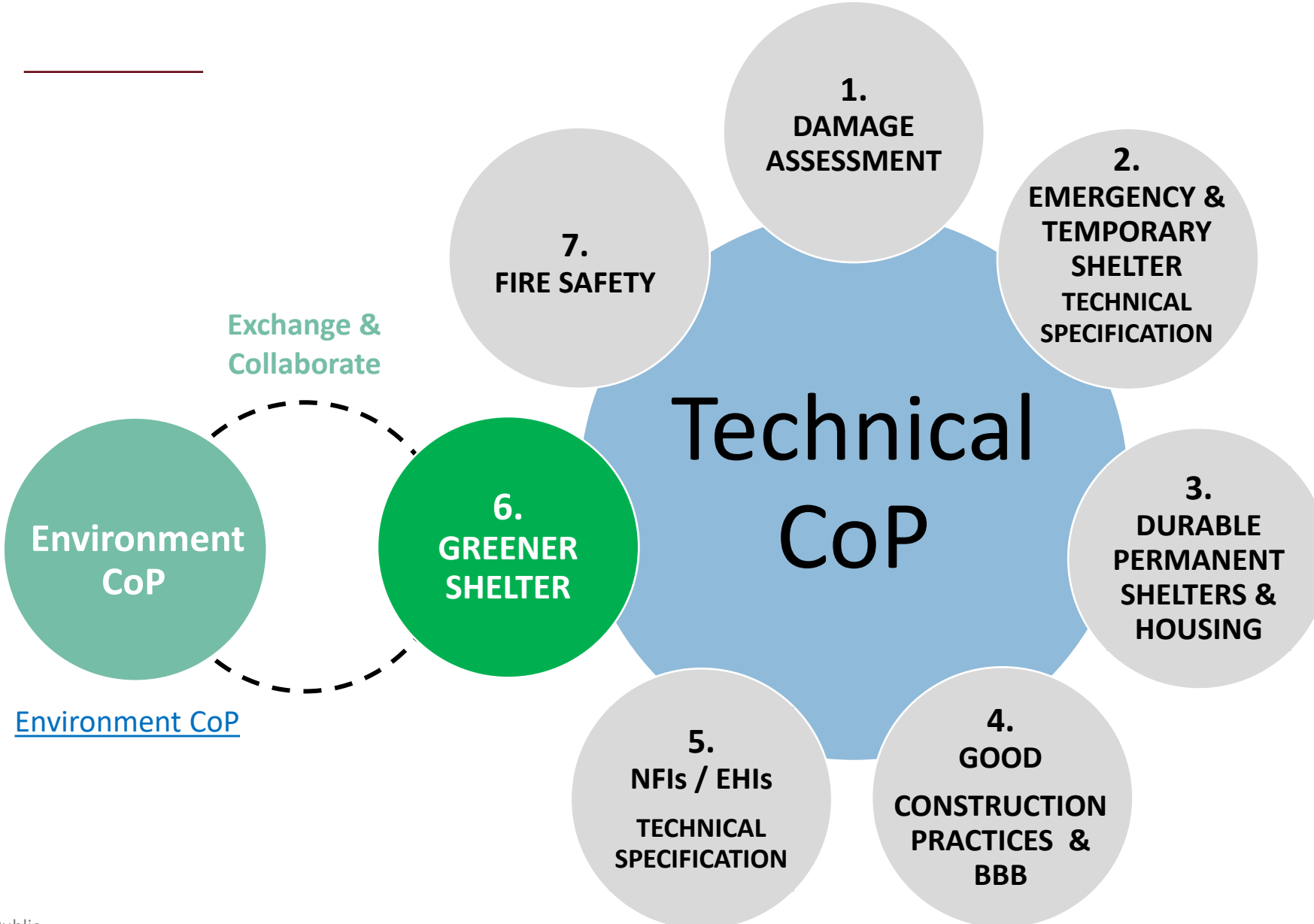


# AGENDA

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1. Introduction to the Greener Shelter Sub-Technical Community of Practice (S-TCoP)
2. Terms of Reference (ToR) for the Greener Shelter S-TCoP
3. Mentimeter - Assessing member's topics of interest
4. Summary of mentimeter
5. AoB

# Introduction: Greener Shelter S-TCoP



20 partners from  
UNs, NGOs, RCRC,  
SDC, LINGO, private  
sector, individuals

# ToR for the Greener Shelter S-TCoP

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The **Greener Shelter S-TCoP** is a voluntary group of individuals with expertise and interest in technical aspects of shelter and settlements programming related to Greener Shelter.

It is **open to** all interested individuals, regardless of agency or organization affiliation. The group's value depends on the active participation of its members, who may have some experience performing in a role or subject area of the S-TCoP.

# ToR for the Greener Shelter S-TCoP

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The **scope** of the Greener Shelter S-TCoP focuses on practical application of Greener Shelter approaches in different contexts and aims to complement the work of the GSC Environment Community of Practice (ECoP) and the other thematic sub-groups of the TCoP. A workplan is under development.

The **objectives** of the Greener Shelter S-TCoP are to:

1. Facilitate discussions on technical areas of interest related to Greener Shelter topics
2. Exchange knowledge and information
3. Support initiatives and innovation
4. Build connections with other technical groups
5. Maintain a resource base of materials and references for members.

# ToR for the Greener Shelter S-TCoP

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**Quarterly general meetings** are proposed to share and exchange information and experiences with Greener Shelter S-TCoP members. Bi-weekly meetings of the chair/co-chairs of the Greener Shelter S-TCoP are proposed to manage the functions of the sub-group.

**Key links** to the Greener Shelter S-TCoP are as follows:

1. Create a GSC account: [Create new account | Shelter Cluster](#)
2. Follow the Technical Community of Practice: <https://sheltercluster.org/community-practice/technical-community-practice>
3. Webinars and meeting recordings and presentation : [Webinars Greener Shelter](#)
4. Find Greener Shelter resources: <https://sheltercluster.org/technical-toolkit/pages/greener-shelter-resources>

# ToR for the Greener Shelter S-TCoP

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## MEMBERSHIP AND PARTICIPATION

### Active Members Participation

- Contribute to sub-groups thematic presentations
- Share experiences and resources (tools, documents, designs, etc...)
- Participate and contribute to meetings / webinars and discussion

### Thematic Sub-groups Chair & Co-chairs Responsibilities

- Bi-weekly meetings to define topics, ToR, workplan
- Co-organize meetings & webinars
- Collect & endorse resources

# ToR for the Greener Shelter S-TCoP

## Greener Shelter S-TCoP chair/co-chairs:

Chair/Co-Chair	Affiliation	Specialization	Contact
<b>Alexandre Koclejda</b> (Chair)	UNHCR	Cluster Coordination	<a href="mailto:koclejda@unhcr.org">koclejda@unhcr.org</a>
<b>Doaa Qutub</b>	Save the Children	Livelihoods and Environment	<a href="mailto:doaaqutub3@gmail.com">doaaqutub3@gmail.com</a>
<b>Eva Samalea</b>	Independent Consultant	Sustainable Shelter and Settlements	<a href="mailto:eva@evasamalea.com">eva@evasamalea.com</a>
<b>Fabiano Sartori</b>	DRC	Global Climate and Environment Mainstreaming Advisor	<a href="mailto:fabiano.sartori@drc.ngo">fabiano.sartori@drc.ngo</a> <a href="mailto:arqfabianosartori@gmail.com">arqfabianosartori@gmail.com</a>
<b>Tanya Grygaski</b>	Canadian Red Cross / Independent Consultant	Environment and Humanitarian Response	<a href="mailto:tanya.grygaski@redcross.ca">tanya.grygaski@redcross.ca</a> <a href="mailto:tgrygaski@gmail.com">tgrygaski@gmail.com</a>

# Assessing member's topics of interest

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Use the QR code

Or connect to

<https://www.mentimeter.com/>

Code: 3164 3061

# SUMMARY FROM MENTIMETER

## Q1. MEANING OF GREENING SHELTER



Carbon negative footprint

Shelter that aims to reduce to the best of its ability negative impacts on the environment

Save energy in the shelter

Climate sensitive construction to reduce environmental impacts

How we integrate environment activity in our Shelter activity. The purpose is to reduce the impact also the impact of Shelter activity.


Using local materials in construction to create harmonization in between human and their dwellings/shelters in all the technical aspects

Designing for future, not past, climate data.

A safe and dignified shelter that last throughout the displacement and does not have a big environmental impact.

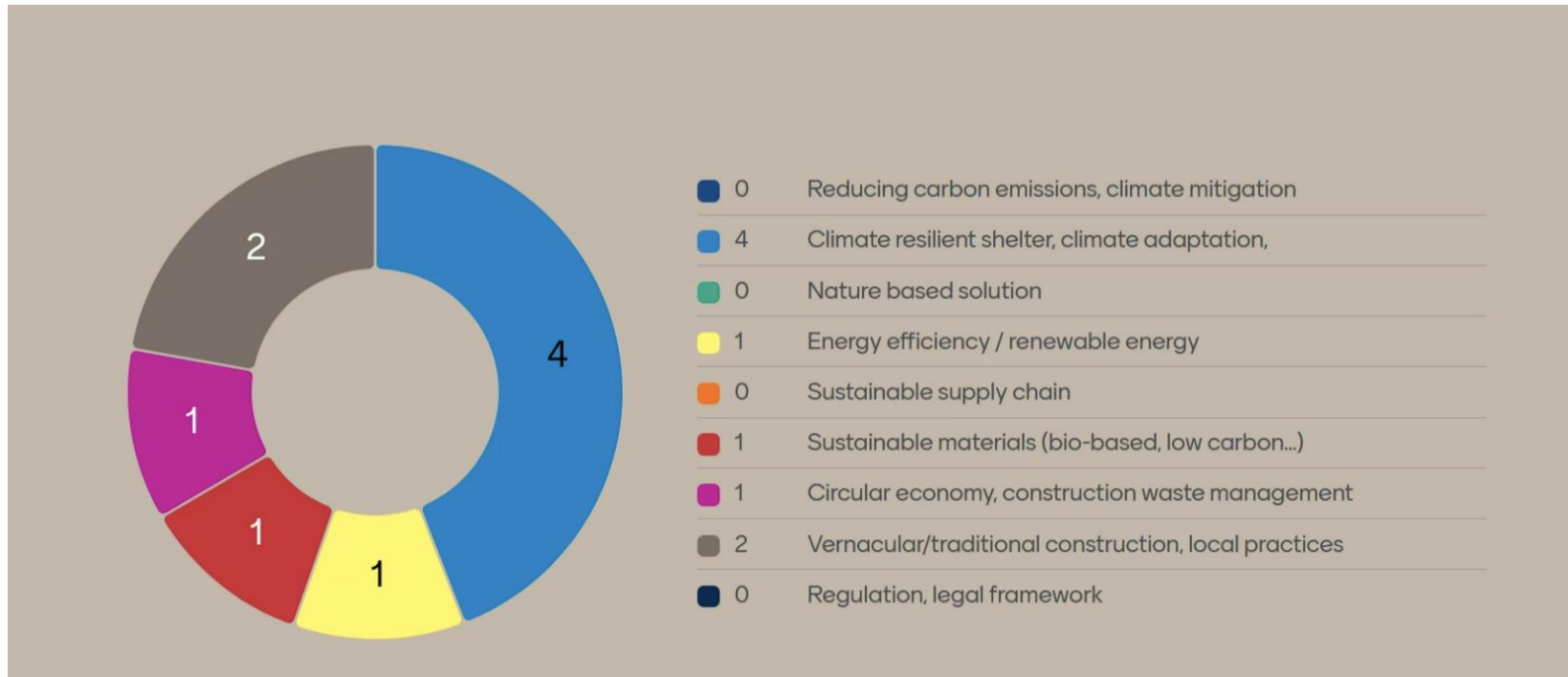
Reduce the use of materials Who have negative impact on environment

Improving the comfort of the shelter we build

- 
- Reducing environmental impact
  - Improved durability
  - Optimization of materials and design
  - Selection of local and sustainable materials
  - Improved comfort

# SUMMARY FROM MENTIMETER

## Q2. MAIN TOPICS OF INTEREST




- 
1. Climate resilient shelter and climate adaptation
  2. Vernacular construction/local practices
  3. Energy efficiency
  4. Circular economy
  5. Sustainable materials
  6. NBS
  7. Construction waste management

# SUMMARY FROM MENTIMETER

## Q3. OTHER TOPICS OF INTEREST



- 
- Bioarchitecture
  - Quality vs Footprint
  - Sust. And Health
  - LCAs
  - Greening urban
  - Codes and policies
  - Mat traceability
  - Synergies with private sector
  - Toxic materials
  - Qualitative tools
  - Green tarp
  - Trainings
  - 3Rs
  - Cultural appropriateness
  - Local empowerment
  - Local research
  - Optimization of raw materials

# SUMMARY FROM MENTIMETER

## Q4. GREENER SHELTER EXAMPLES TO SHARE

contexts

Madagascar, bamboo), Ana Carolina Helena, Lux RC

We developed low cost housing units for 1000 USD built in 1 week which resisted at the epicenter 7.7 earthquake in Myanmar, 26 units are undamaged


We are also developing minimum requirements for climate-smart shelters. Step H

I am representing Nepal Shelter Cluster. We have few organizations working with bamboo and local materials like Habitat for Humanity in Nepal I need to consult them if they want to present as a part.

In DRC ,there is a strategy for How integrate or take in account environnement aspect in Shelter activity <https://s3.eu-north-1.amazonaws.com/cdn.sheltercluster.org/public/docs/NOTE%20D%E2%80%99ORIEN>

The env. Community of practice and others developped the SMAC Ica tool and scorecards, it would be useful to have a more technical session about how to use those tools /Eva PF


DIY manual + low cost housing by Housing NOW in Myanmar ^^

- 
- Bamboo construction manual – Housing NOW (Raphael Ascoli)
  - Green shelter prototypes from - Lux RC (Ana Carolina)
  - Emergency shelters using local materials – CARE (Step H)
  - Bamboo shelters in Myanmar resilient to EQ – Housing NOW
  - Minimum requirements for climate-smart shelters
  - DRC strategy
  - SMAC from Env CoP

# SUMMARY FROM MENTIMETER

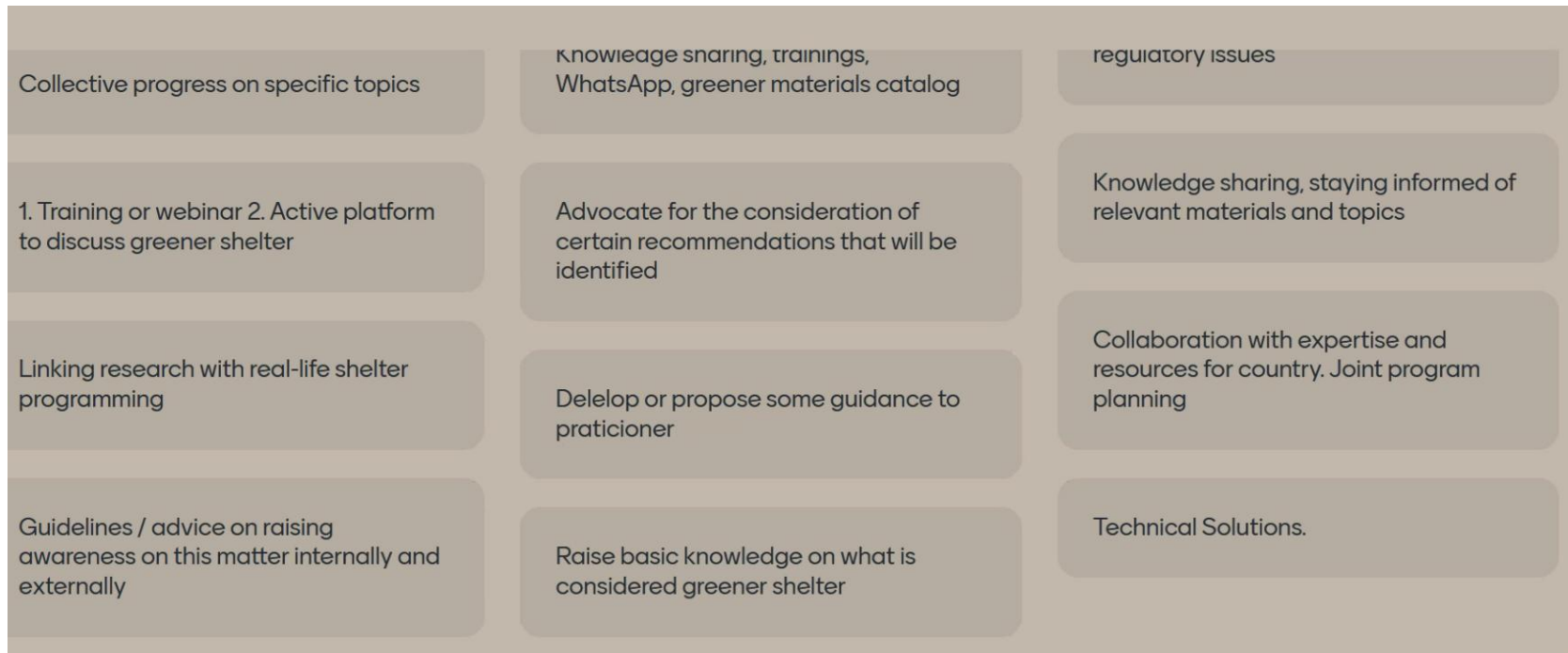
## Q5. BARRIERS FOR GREENING SHELTER




- 
- COST
  - Lack of funding
  - Local markets
  - Attitude
  - Slow systems
  - Procurement chains
  - Behaviour change
  - Overwork – time?
  - Willingness to change
  - Emergency priority
  - Different specifications
  - Terminologies

# SUMMARY FROM MENTIMETER

## Q6. EXPECTATIONS FROM THIS TCOP



- 
- Knowledge sharing
  - Sharing experiences
  - Collective progress
  - Greener materials catalog
  - Active platform to discuss about greener shelter
  - Develop guidance
  - Advocacy
  - Technical solutions
  - Enable collaborations
  - Trainings

# AoB

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**Any questions or comments to add?**

# Technical CoP page (webinars/comm.)

## Technical Community of Practice

► ADD CONTENT

Administer Group

Un-follow this community of practice

Dashboard

Documents (5)

Discussions (1)

Events (3)

News (7)

Followers (45)

### MEETINGS +

- Webinars Technical CoP
  - Webinars Damage Assessment
  - Webinars Emergency and Temporary Shelter Technical Specification
  - Webinars NFIs / EHIs technical specifications
  - Webinars Durable Permanent Shelter & Housing
  - Webinars Construction Good Practices / Build Back Better (BBB)
  - **Webinars Greener Shelter**
  - Webinars Fire Safety

### TECHNICAL TOOLKIT +

- Technical Toolkit

### WEBINARS GREENER SHELTER

#### PARENT PAGE

- [Webinars Technical CoP](#)

All recorded meetings and webinars concerning **Greener Shelter** will be published on this page .

*Note: viewing the recording on Youtube allows you to select the chapters of the session.*

**All resources** concerning this theme can be found on the [Technical Toolkit](#) page on the left menu on the section [Greener Shelter Resources | Shelter Cluster](#)

#### Greener Shelter Sub-Group chair and co-chairs :

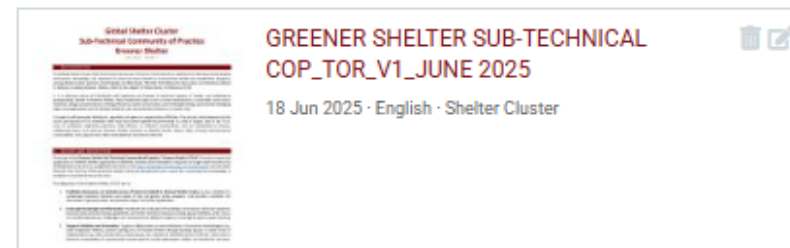
Alexandre Koclejda - GSC/UNHCR - [koclejda@unhcr.org](mailto:koclejda@unhcr.org) / chair

Eva Samalea - Independant architect - [eva@evasamalea.com](mailto:eva@evasamalea.com) / co-chair

Fabiano Sartori - DRC - [fabiano.sartori@drc.ngo](mailto:fabiano.sartori@drc.ngo) / co-chair

Tanya Grygaski - Canadian Red Cross - [tgrygaski@redcross.ca](mailto:tgrygaski@redcross.ca) / co-chair

Doaa Qutub - Save the Children Palestine - [doaaqutub3@gmail.com](mailto:doaaqutub3@gmail.com) / co-chair



Global Shelter Cluster  
Sub-Technical Community of Practice  
Greener Shelter

### GREENER SHELTER SUB-TECHNICAL COP\_TOR\_V1\_JUNE 2025

18 Jun 2025 · English · Shelter Cluster



[Technical CoP webpage](#)

# Technical Toolkit (resources)

In region Resources and in group Resources

## Technical Toolkit

### Follow this toolkit

Dashboard

Documents (3)

### TECHNICAL THEMES +

- Damage Assessment Resources
- Emergency and Temporary Shelter Technical Specification Resources
- Durable Permanent Shelter & Housing (Sustainable Solutions) Resources
- Construction Good Practices / Build Back Better (BBB) Resources
- NFI/EHI Technical Specification Resources
- Greener Shelter Resources
- Fire Safety Resources
- Settlement Planning Resources

### ADDITIONAL RESOURCES +

- IEC Compendium
- Technical Resources curated
- Flood technical resources

### GREENER SHELTER RESOURCES

Greener Shelter documents

### GREENER SHELTER AND ENVIRONMENT USEFUL LINKS

- [Environment Community of Practice](#)
- [Greening the Humanitarian Shelter and Settlement Response \(11/2023\)](#)



[Technical Toolkit webpage](#)

# Technical CoP registration

In group Global Shelter Cluster

## Technical Community of Practice

by creating a GSC account

- Subscribe to the Technical CoP to receive **automatic** notifications, when new **Documents, Discussions, Events** and **News** are published.



[Technical CoP webpage](#)

without and account

Subscribe to **notifications** about this community of practice by creating an account or logging in (recommended).

**Sign up or log in**

Or enter your email address to subscribe without a user account

Panosetti Pascal

CAPTCHA

I'm not a robot

reCAPTCHA  
Privacy \* Terms

This question is for testing whether or not you are a human visitor and to prevent automated spam submissions.

**Subscribe without an account**

Dashboard
Documents (2)
Discussions (1)
Events (2)
News (4)

# THANK YOU



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