



**GLOBAL
SHELTER CLUSTER**

Coordinating Humanitarian Shelter and Settlements

GSC MEETING 2024

12-14 JUNE 2024

Open Space

30 mins breakout sessions



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Open session Topics: schedule and locations

Time	Room: Alpha	Room: Sigma	Room: Theta	Room: Zeta	Room: Iota	Room: Omega	Room: Kappa
14:00 - 14:30	<p>Repurposing plastic sheets into doors”.</p> <p>Danielle Fares/Abdul Rahman – UNHCR</p>	<p>An Approach to Maximizing Localization, Extended Impact, and Optimal Reach</p> <p>Tom Corsellis - Shelter Center</p>	<p>Introducing new tools for the Shelter Sector: CO2 calculator; flood mitigation; etc</p> <p>Rama Al Nimri - UNHCR</p>	<p>Environmental considerations in the Settlements Approach</p> <p>Nataliia Makaruk - Impact Initiatives</p>	<p>Pro Bono support for engineering services: Designing an online platform for NGOs</p> <p>Francois Baillon - IHIP</p>	<p>Humanitarian energy interventions: Insights, progress and challenges</p> <p>Aimee Jenks and Hajar Al Kaddo GPA/NorCap</p>	<p>The HLP in Displacement e-Course - Introducing the interactive online, open access training resources</p> <p>Ibere Lopes - IOM</p>
14:30 – 15:00	<p>Managing Shelter Waste: The end of life cycle of the Refugee Housing Unit (RHU) and other shelter solutions</p> <p>Eva Ferrer - Better Shelter</p>	<p>Introducing the GSC Network for supporting Francophone countries</p> <p>Luca Ginoulhiac -CRS</p>	<p>Managing a complex Emergency Response after a natural disaster in Pakistan</p> <p>Muhammad Abbas - IOM</p>	<p>Strengthening inclusion of LGBTIQ+ people in humanitarian shelter responses</p> <p>Michael McGrath- Edge effect</p>	<p>Fostering Localization through increased alliances between INGOs and local CBOs</p> <p>Igor Radonjic - Alight</p>	<p>Shelter Response in Poland: Housing solutions for refugees</p> <p>Alicia Szczutowska - Habitat for Humanity</p>	<p>Shelter and CCCM clusters collaboration</p> <p>Global Cluster coordinators</p>
15:00 – 15:30	<p>Homestay accommodation: Solutions for helping displaced people to find accommodation with host families</p> <p>Morgane Miramon and Gareth Lewis - J'accueille Gabriela Georgial-CRS</p>	<p>How the Shelter Projects publications create knowledge and what can be improved</p> <p>Alberto Alcalde - IOM</p>	<p>Post-conflict engineering- Ensuring return of affected communities to safe shelters in Ukraine</p> <p>Nourullah Kuchai - RedUK</p>	<p>Integrated rental solutions for urban internal displacement context - opportunities and challenges for catalytic change (the example of Somalia)</p> <p>Amun Osman- IOM</p>	<p>Exploring system challenges for localization and prioritizing communities based on experiences made with the settlements approach</p> <p>Hilmi Mohamed - InterAction</p>	<p>How aesthetics and beauty in the built environment enhance the well-being, dignity, and resilience of people in humanitarian crises</p> <p>Stephanie Acker - EUI</p>	

Repurposing of Plastic Sheets in Informal Settlements

Innovation Funds, UNHCR, Lebanon



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Repurposing of Plastic sheets in Informal Settlements (IS)

Innovation Funds - UNHCR – Northern Lebanon

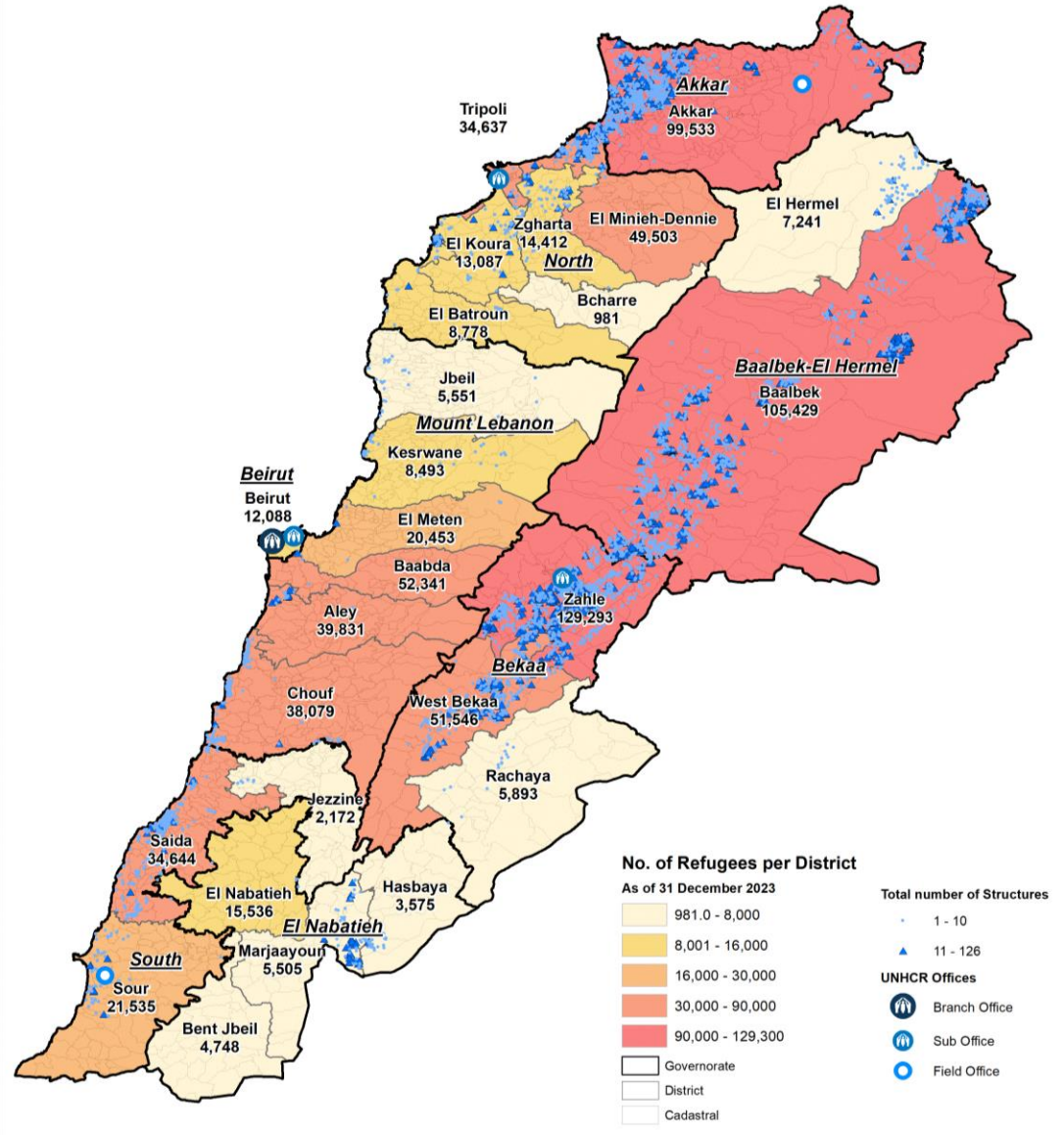


Introduction: existing challenges and proposed solution





Total No. of Refugees **784,884**



Challenges

- 6,160 ISs with 42,415 tents
- Yearly plastic sheets distribution for weatherproofing.
- No capacity for SWM at the municipal level.
- Environment harm.
- Tension in the relationship with MoE.

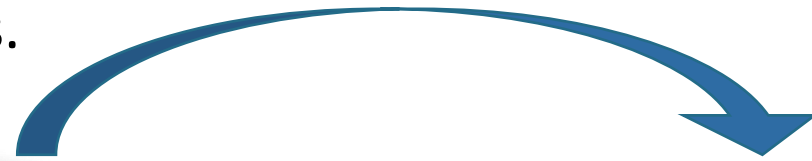
Transforming Plastic Waste into Opportunity



The idea: an environmentally friendly, cost-efficient, and sustainable solution to solve the excessive plastic waste in ISs.

Solution identified:

The plastic collected will be recycled into doors and installed at the entrance of the tents increasing the sense of safety and security.



A photograph showing a large pile of white shredded paper and several crumpled white paper bags scattered on a dark brown wooden floor. The shredded paper is concentrated on the left side, while the crumpled bags are on the right. The text 'Technical Process' is overlaid in the center in a white, sans-serif font.

Technical Process

Input – Plastic Sheets

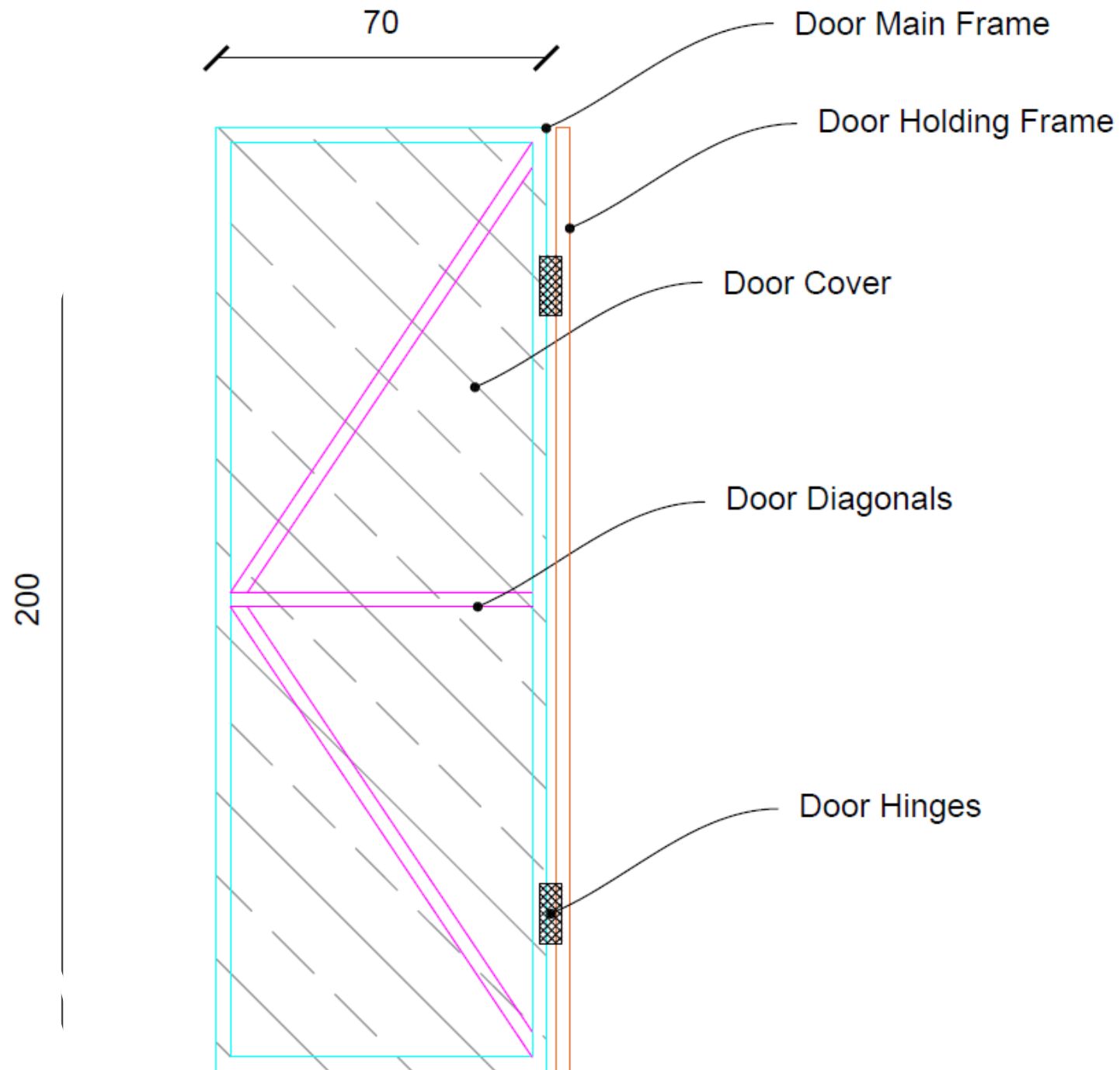
- **Material:** Woven high-density black polyethylene (HDPE) fibers with low-density polyethylene (LDPE) coating on both sides.
- **Size:** 4 x 5 meters per sheet.
- **Weight:** At least 190g/m². Each sheet is 3.8 Kgs.
- **Needed weight for recycling: 12 to 15 kgs** (3 to 4 plastic sheets)



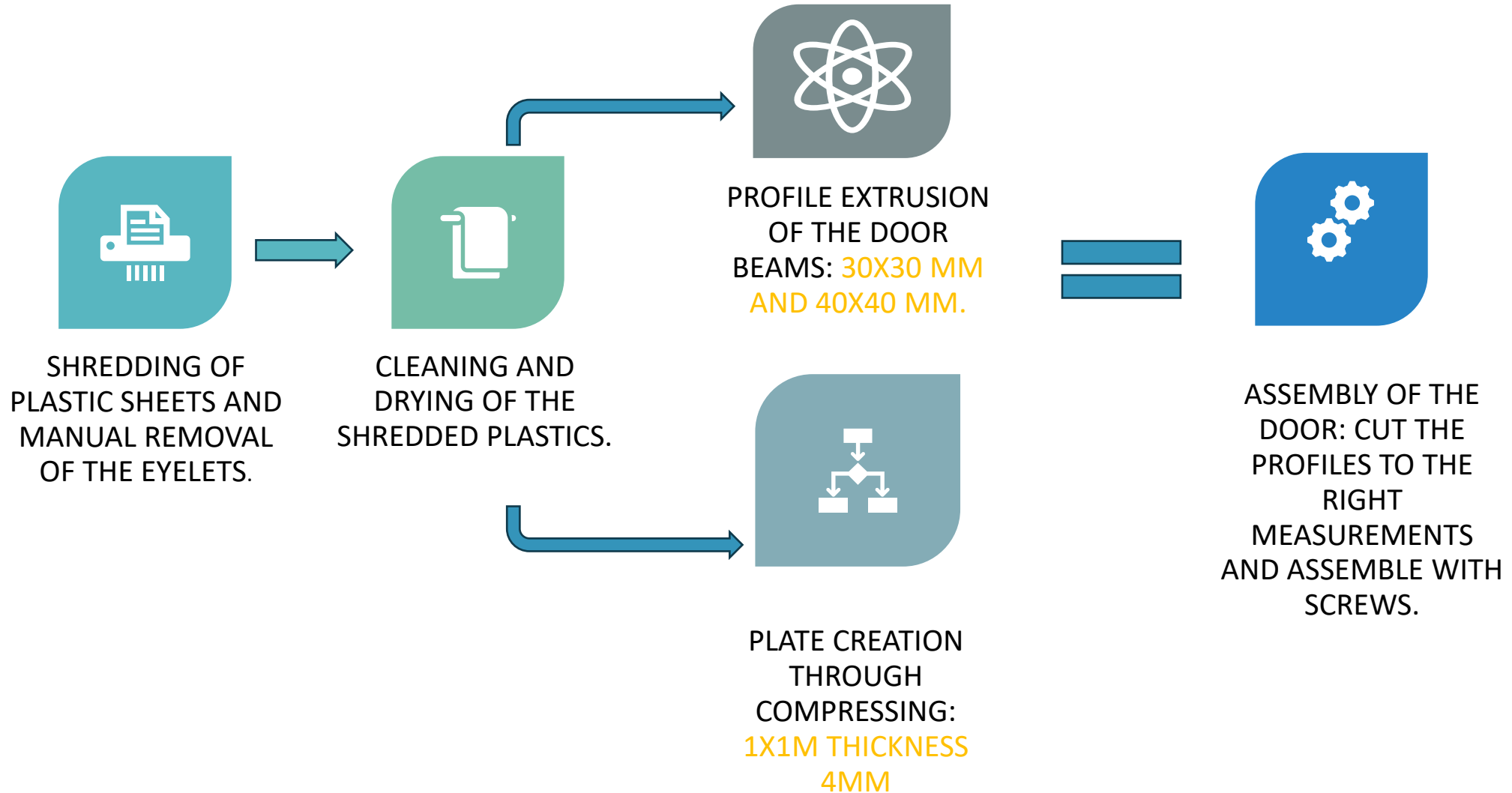
Output – Doors / Beams

- Tubular profiles: through extrusion.
 - 80x80mm
 - 100x25mm
 - 40x40mm
- Plates: through compression
 - 1x1m with a thickness of 4mm.

7/23/2024



Process



Video showing the Shredding process



Videos showing the compression



Videos showing the extrusion process



Final product





Cost efficiency

- Door repair kit from timber and plywood costs UNHCR Lebanon **45 USD with a life span of 2 years.**
- We aim for the recycled plastic door **to cost 32 USD with a life span of 10 years.**
- No availability for a selling market for recycled plastic which decreases the risk of selling.
- No need for yearly assessment and distribution.

In 2023, UNHCR Lebanon distributed more than **1,914,240 m²** of plastic sheets which is equal to around **24,000 doors** if recycled.

Opportunities

- To collect torn plastics from all the tents and recycle them into useful shelter materials.
- To test other outputs such as footing to protect the timber columns.
- To establish a sustainable, self-reliant system for refugees and the host community in the future where they can exchange plastic for useful items.
- Improve the protection space for refugees.





Thank you

RHU: End of Life Management

Eva Ferrer & Alicia Gimeno



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Homestay accommodation

Solutions for helping displaced people to find accommodation
with host families

Gareth Lewis and Morgane Miramon



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Homestay accommodation: Solutions for helping displaced people to find accommodation with host families

Gareth Lewis and Morgane Miramon
Global Shelter Cluster meeting
14 June 2024

What is hosting?

- Sharing a home
- Sharing stories, ideas
- Change the thinking about migration

- Conflict, disasters
- Short-term, long-term
- Supported, non-supported



J'accueille

j'accueille

J'accueille's vision

- Connect refugees with hosts
- Reduce the fear of hosting
- Show how it benefits both parties
- Change how people think about refugees and migration
- Create a more inclusive society

Since 2015, 1 300 people have been hosted



1

INFORM

2

MATCH

3

HOST

Impact



56,5%

find a job at the end of the programme
(vs. 15% at entry).



75,8%

find suitable accommodation during
the 12 months of hosting.

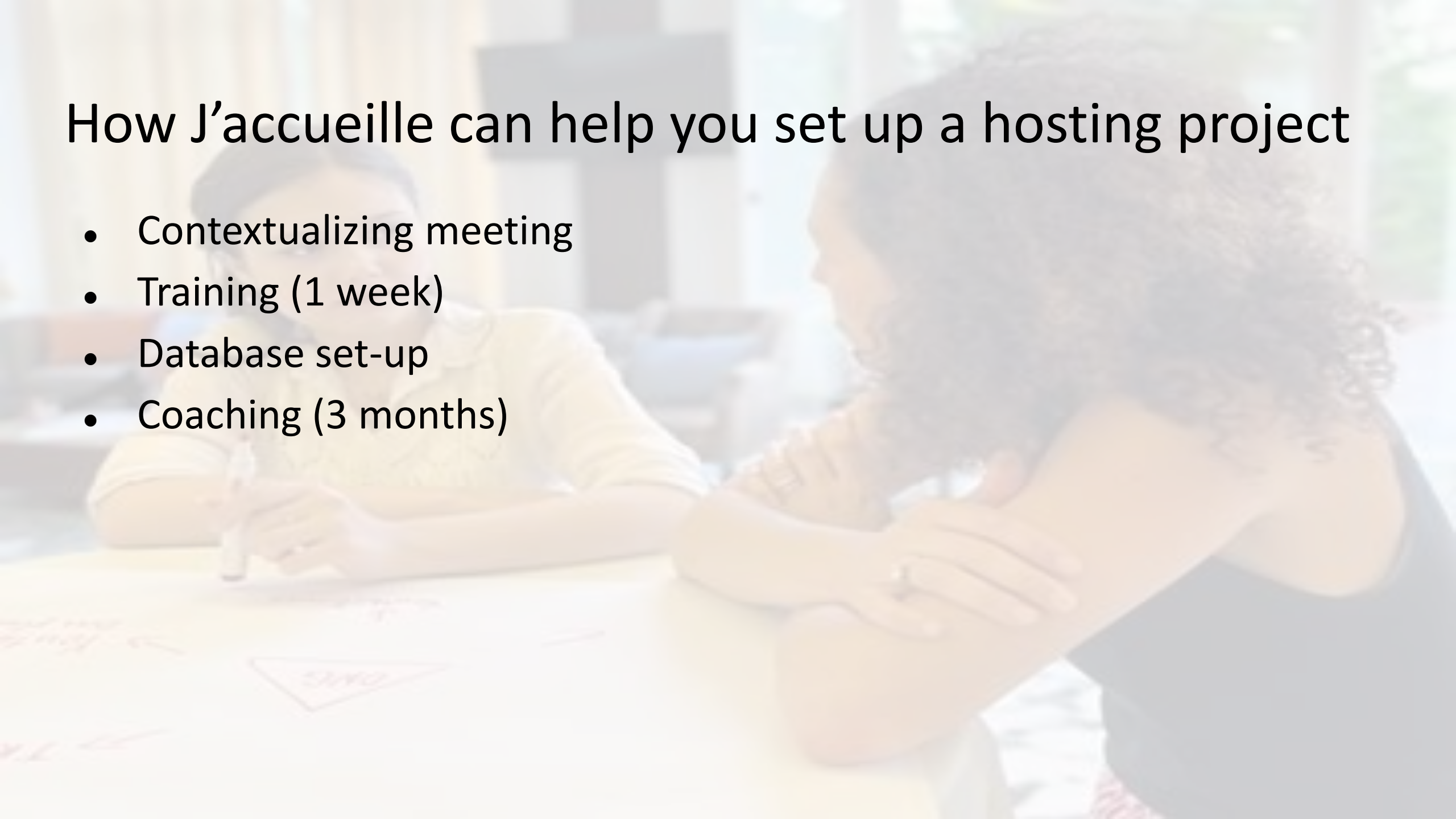


+42%

are in training or returning
to education
(vs. 27% at entry).

How J'accueille can help you set up a hosting project

- Contextualizing meeting
- Training (1 week)
- Database set-up
- Coaching (3 months)



Thank you

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j'accueille



Accommodations for Vulnerable Refugees from Ukraine

Ensuring families live with dignity during
displacement

Gabriela Georgial, Shelter Program Manager
and

Elsa Diaz, Shelter Technical Advisor

- 1,092,546 refugees have entered Moldova since 2022
- Approximately 90,000 remain in Moldova
- 90% are women and children



Shelter Program Overview



MPCA for
Host Families



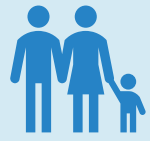
Incentive Packages to
Host Families



Rental and Utility
Subsidies for Refugees



Small Repairs for Host
Families



**1,840 host families
supported**



**4,739 refugees
supported with shelter**



Bimonthly distribution

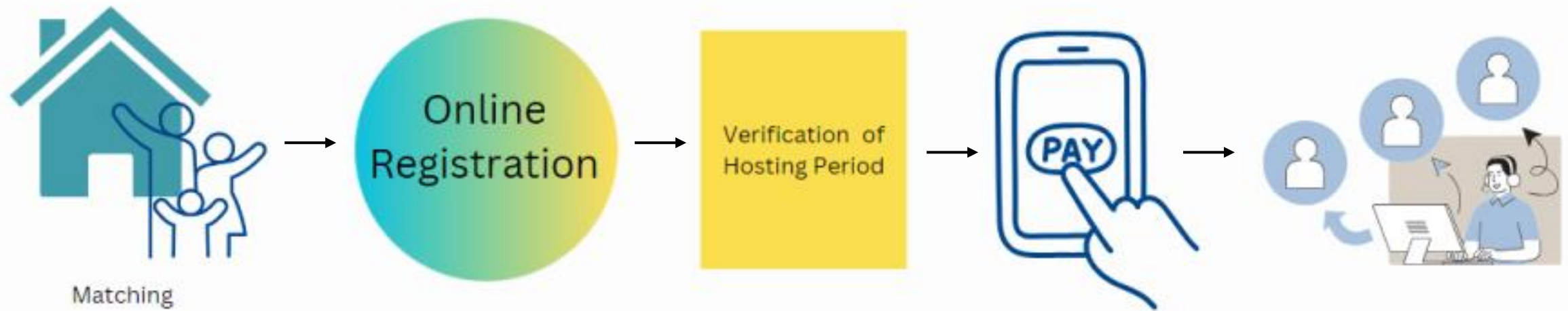


**225 EUR average
transfer value**



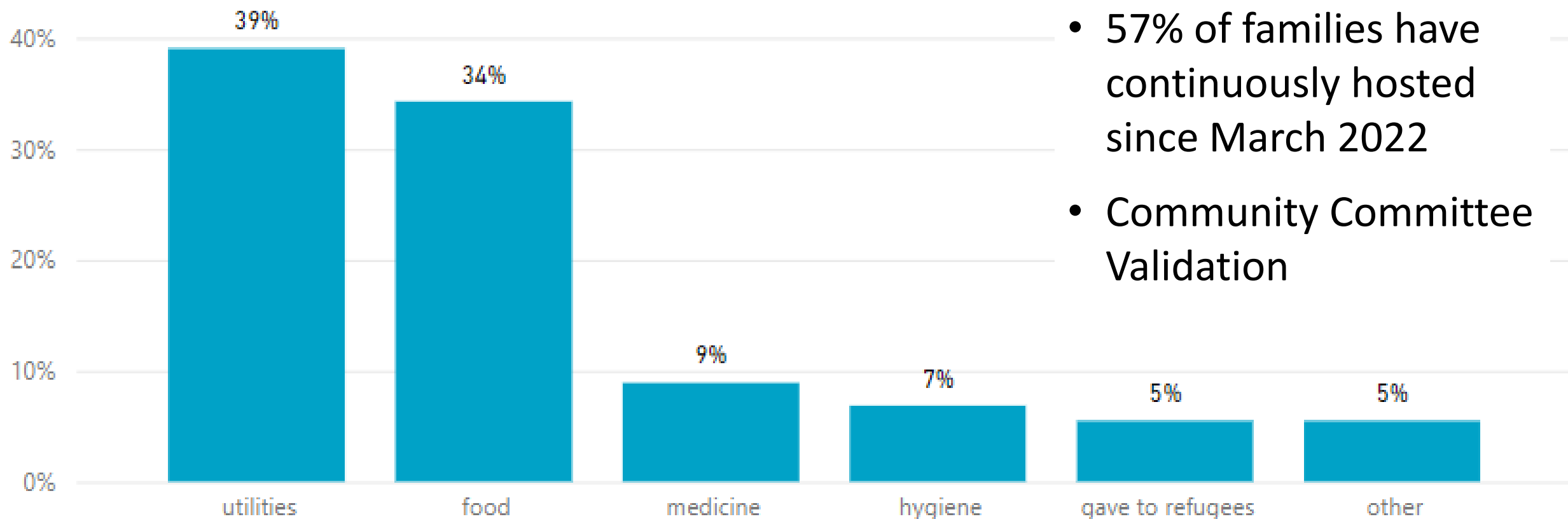
7 Districts





What have we learned?

On what did you spend the assistance?



- Support is used to cover basic needs
- 57% of families have continuously hosted since March 2022
- Community Committee Validation

What are the challenges?

- Housing availability
- Quality of housing stock
- High vulnerability
- Uncertainty in UA
- Livelihood Options in Moldova



Key Program Success

- Host families continue to host
- Multiple Approaches
- Community Based Coordinators
- Case Management



"The first few days of the war were awful, children were arriving and they were terrified. It took the entire village 1 1/2 hours to quickly respond and open our doors."

Elena, a school teacher in the village of Ciorescu, has hosted 7 Ukrainian families since the start of the war.

Elena's parents' house is being assessed to serve as a potential long-term rental.

CRS and Caritas Moldova's Accommodation program is working in partnership with local communities to secure safe and dignified housing for Ukrainian refugees.

Photo credit: Schinbarof Studio

Thank you

Faith knows
no bounds® /  OCRS®