

R·E·L·I·E·F CENTRE



Citizen Scientists as stewards of community knowledge in Hamra, Beirut

Mayssa Jallad, American University of Beirut and
Relief Centre, UCL

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RELIEF Centre - Prosperity in the Age of Mass Displacement
Relief-centre.org - @reliefcentre2017



مبادرة حسن الجوار
The Neighborhood Initiative



Centre for
Lebanese Studies
مركز الدراسات اللبنانية

RELIEF Centre is

- A Multi-disciplinary research centre.
- Led by Institute for Global Prosperity, in collaboration with departments at AUB, LAU, and UCL.
- **Developing new approaches to prosperity in the context of mass displacement.**
- Work strands on (R1) liveability of cities, (R2) entrepreneurship and innovation, (R3) educational solutions, (R4) understanding and measuring prosperity in context.
- **R4: Developing a co-designed Prosperity Index for neighbourhoods in Lebanon.**

The RELIEF Centre's Values

- **Locally grounded and inclusive** – focus on the prosperity of locales, to the benefit *all* residents.
- **Collaborative** – we work with partners to co-design measures and solutions and to support existing initiatives.
- **Citizen-led** – engage with communities through citizen science and outreach activities.
- **Driven by research excellence** – our work begins with high quality data, rigorous methodology, and the latest social science thinking.

Hamra



Participating Citizen Scientists

الباحثين المحليين المشاركين



Nour Bachacha
نور بشاشة



Jamal Chatila
جمال شاتيلة



Riwa Chatila
روى شاتيلة



Adel Ali Ismail
عادل علي
اسماعيل



Aya Itani
آية عيتاني



Ahmad Itani
احمد عيتاني



Mona Kolom
منى قلم



Mostapha
Kolom
مصطفى قلم



Mohammad
Mkayes
محمد مكيس



Alaa Nouri
الاء نوري



Alaa Shehab
الاء شهاب



Yara Younes
يارا يونس



Ralph Obeid
رالف عبيد



Abd Alsattar
Saleme
عبدالستار سلامة

Supervisors المشرفات



Mayssa Jallad
ميساء جلال



Rachel Saliba
راشيل صليبيا

سيتم رسم الخرائط بتحديد الأماكن التي تهم سكان الحمرا وتحليل الأغاط المكانية. سيساعد هذا أيضًا في التخطيط لمسح قادم سيُسال فيه سكان معينين عن نوعية حياتهم.

يعتمد منهجنا في تطوير مؤشر الازدهار على ثلاثة مبادئ أساسية: إنه مقياس مرتبط إرتباطاً وثيقاً بالمكان، يقوم على التعاون والتصميم المشترك، و يركز على مناطق صغيرة للبيانات الدقيقة.

من خلال رسم خرائط تظهر التغير الاجتماعي والحضري على مستوى الأحياء ، نهدف إلى الحصول على أدلة حول القضايا المتعددة المتعلقة بنوعية الحياة في المجتمعات المحلية في جميع أنحاء البلاد. سيوفر RELIEF البيانات للجمهور على منصة تداول. وسيسمح ذلك بتبادل المعرفة بين الأكاديميين والمؤسسات العامة والمجتمع الأوسع.

إن مؤشر الازدهار في لبنان هو جزء من الجهود الأوسع التي يبذلها مركز RELIEF لإعادة التفكير معني الازدهار ولتطوير إجراءات جديدة للحوكمة و ابتكار سياسات ومشاريع جديدة.

ماذا

يعمل مركز RELIEF على تطوير مؤشر لفهم وقياس الازدهار على أساس آراء الناس حول الحياة اليومية في أحيائهم. يتم ذلك عبر إجراء دراسات تفصيلية لمناطق صغيرة حيث تكون التحديات المختلفة لنوعية الحياة واضحة بشكل خاص.

يتكون فريق RELIEF من باحثين وعلماء في الجامعة الأميركية في بيروت (AUB)، ومركز الدراسات اللبنانية، ومعهد الازدهار العالمي (IGP) في University College London (UCL) بالتعاون الوثيق مع المنظمات غير الحكومية المحلية والوكالات الدولية. تعد هذه الدراسة، وهي بالشراكة مع برنامج الأمم المتحدة للمستوطنات البشرية (UNHabitat) ومبادرة حسن الجوار للـ AUB، جزءًا من مشروع بحثي متعدد التخصصات يجري في لبنان.

منطقة الحمرا هي أول موقع تقوم بالبحث فيه بالتعاون مع باحثين محليين يلبعون دورا رئيسيا في تصميم الدراسة و جمع البيانات.

كجزء من عملية تطوير مؤشر ازدهار لبنان، (PI) سيقوم باحثو RELIEF برسم خرائط لحي الحمرا في بيروت وجمع عدد السكان دون الإفصاح عن هويتهم.

ماذا

من

أين

كيف

Hamra Citizen Scientists

CS Nationality	Number of CSs
Lebanese	16
Syrian	4
Palestinian	1
Iraqi	1

Find out more on اكتشف المزيد على
www.relief-centre.org



Institute for Global Prosperity



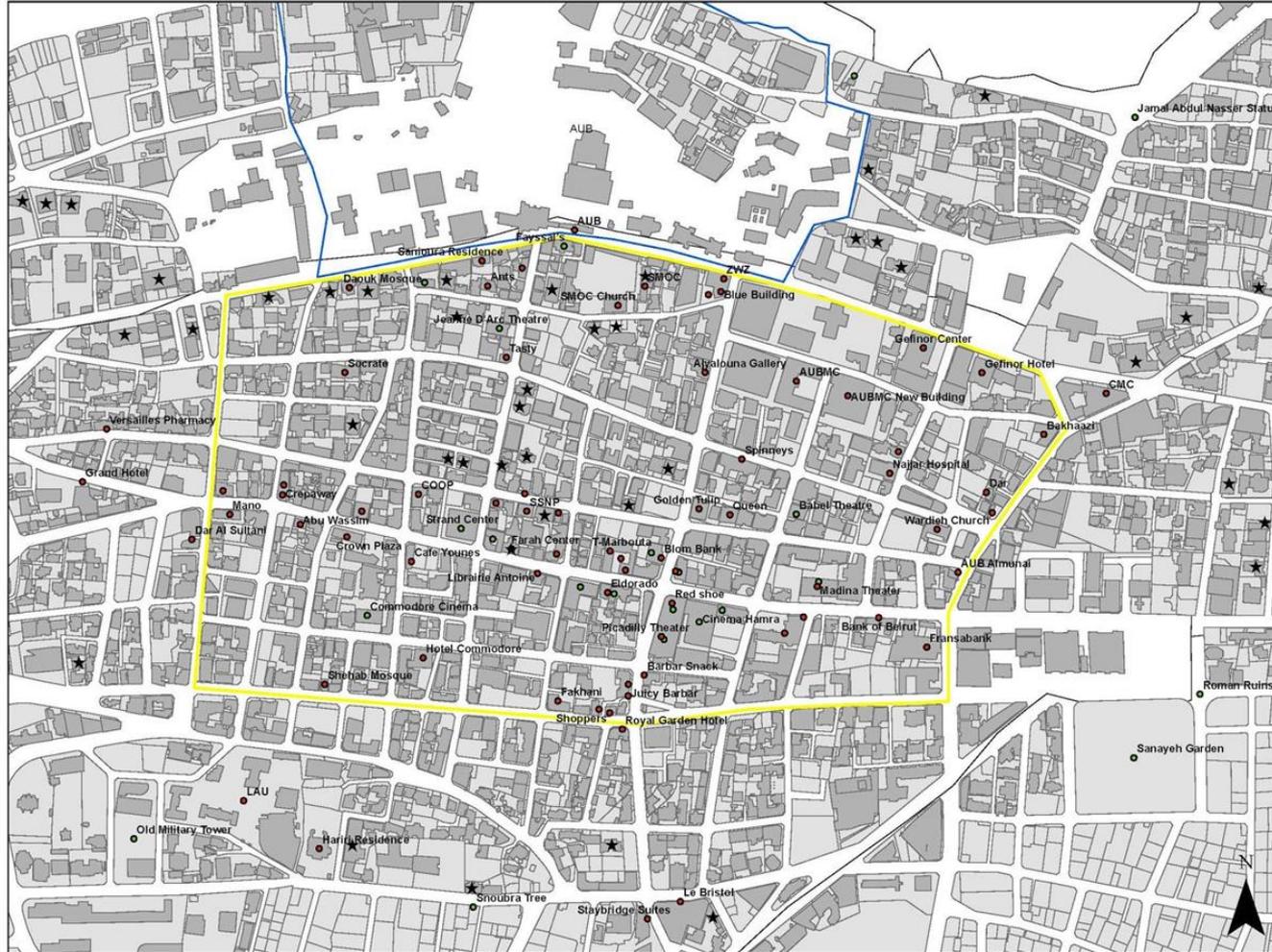
الجامعة اللبنانية
The Lebanese University



Centre for
Lebanese Studies
مركز الدراسات اللبنانية



RELIEF centre



Legend

 Hamra Boundary

 Neighborhood Initiative Contact

Feedback

 Citizen Scientists

 Neighborhood Initiative

Our Partners on the ground in Hamra (Prosperity Index)



مبادرة حسن الجوار
The Neighborhood Initiative

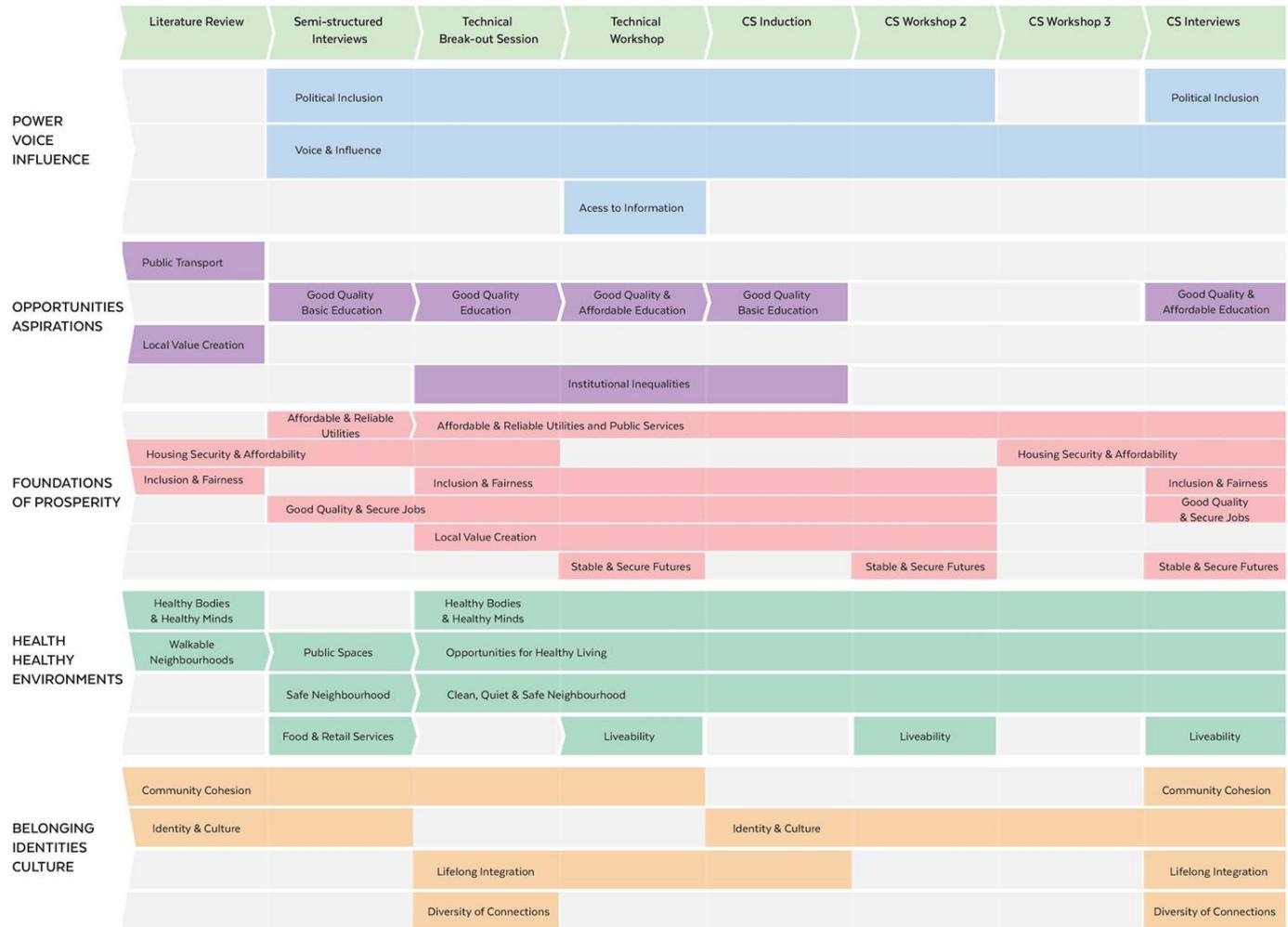
- Conference Space
- Community Knowledge
- Intervention Feedback and Implementation
- Anonymized Data Access



- Office Space
- Director Dr Maha Shuayb, member of R3
- Connection to Education Field

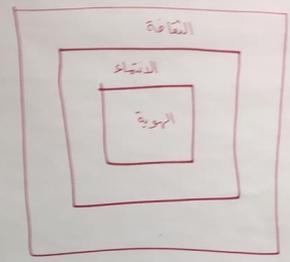


- UNHabitat Hamra Neighborhood Profile per guidelines, publication
- Data sharing agreement in progress



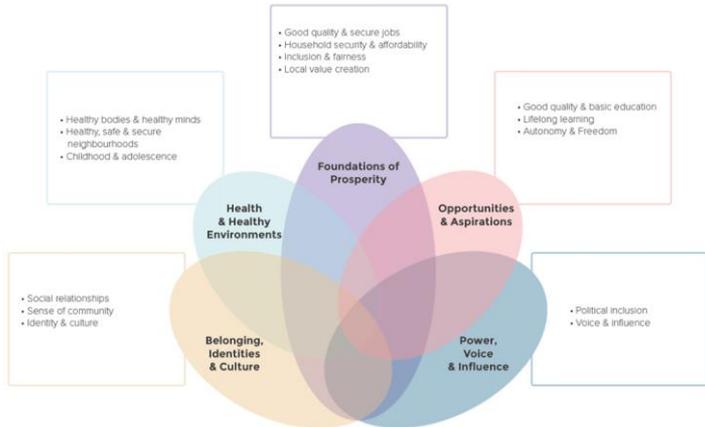


الإلتقاء ، الهوية ، الثقافة



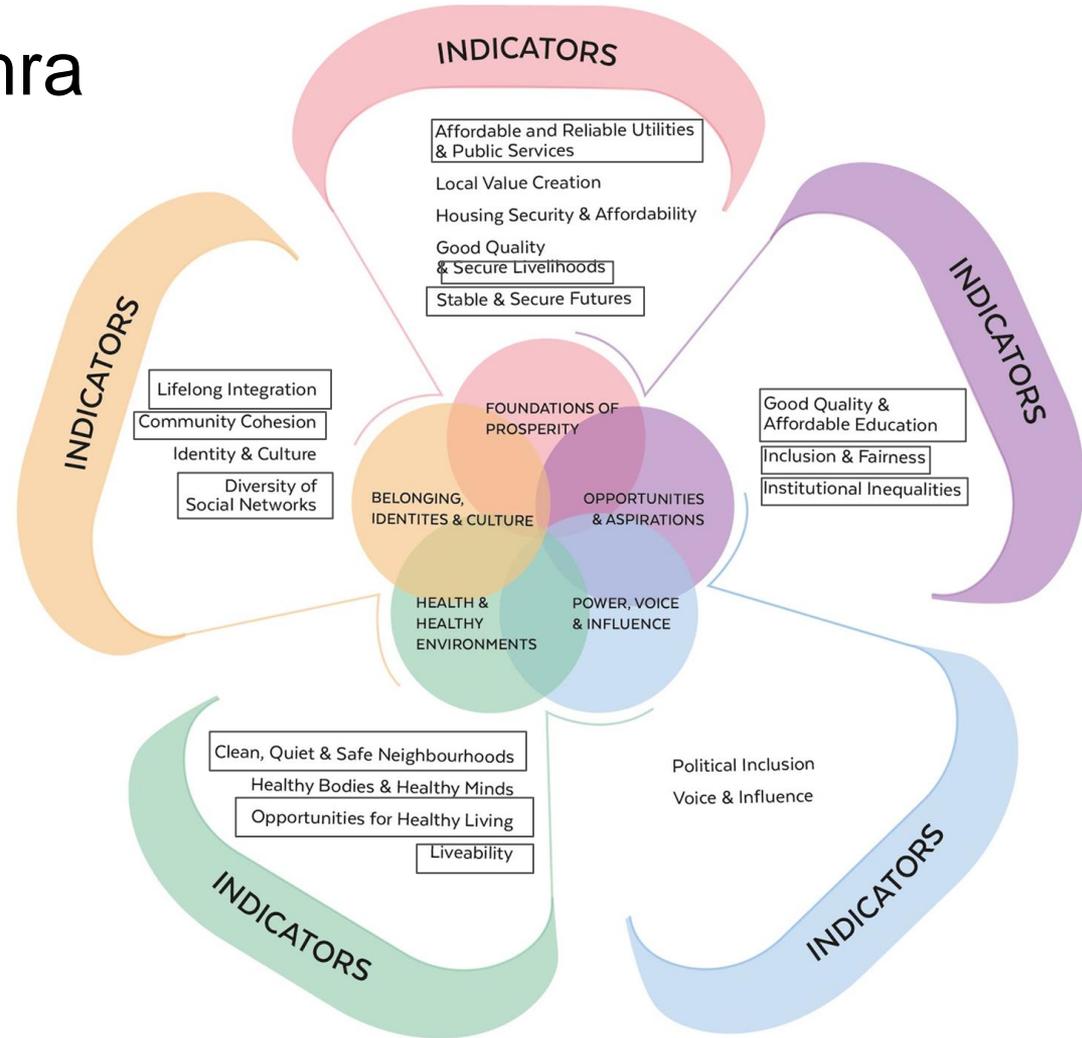
- الهوية: The person himself - goals, opinions, aims, perspective, life experiences (Everything that happened with the person that made him/her - the unique self.)
- الإلتقاء: To be able to identify with a specific group / culture / place / religion...etc where you can express your needs and personal opinions without barriers.
- الثقافة: It's ~~an~~ essential component of any social group which allows innovation and promotes prosperity. It's also being able to acknowledge other opinions and perspectives while respecting the individuals "هوية" without getting rid of his/her own identity.

Prosperity Index: Hamra



East London

Research by citizen scientists with residents, community organisations and local stakeholders



CS Data Collection (all qual data manually transcribed into English by CS)

Qualitative Data	Quantitative Data	CS Knowledge Outcome
Prosperity Index Research		Engaging with concepts of wellbeing-memory and personal experience
Interviews with: acquaintances (20), key stakeholders: NGO (7), religious (4), political (2), notary public (3), health(2) and education (2), enterprises (20), Municipal (2)		Engaging in depth with active community members POV
Building Survey Ethnography (3)	Building Survey: Building conditions and census-type population count (634 buildings)	Engaging with the built environment, and inhabitants/superintendents who know about other neighbors
Household Survey Ethnography (6)	Household survey: 1 hour questionnaire (688 HH surveys)	Engaging with every aspect of a household's wellbeing
Focus Group Discussions (8/9 completed)		Engaging in a group conversation of different points of view about wellbeing

Oral Consent Form - INTERVIEWS

RELIEF Centre - Wellbeing and Prosperity Research
Principal Investigator - Dr. Fouad M. Fouad
mm157@aub.edu.lb ; Tel: 00961 1 350000, ext: 4654

Hello. My name is _____ . I am a researcher in the Faculty of Health Sciences at AUB.

I would like to invite you to participate in a **research study** about the quality of life in this neighborhood. The purpose of the study is to understand people's views on local challenges. The data we collect will be key for informing the work we do with your community, but also with local councilors, businesses, and Lebanese innovators to deliver on better neighborhoods and better quality of life.

Before we begin, I would like to take a few minutes to explain why I am inviting you to participate and what will be done with the information you provide. A copy of this consent document will also be offered to you to keep.

You will be asked to participate in a short interview about the benefits of living in this neighborhood, the challenges that local residents face, and the changes that you have seen in the time since you have lived here.

Please stop me at any time if you have questions about the study.

I am doing this study as part of a research at AUB. The team that I work with will be interviewing approximately 100 people in this neighborhood, in addition to asking 600 people to complete a household survey, and 80 people to participate in focus group discussions. We will also be collecting data about the quality of buildings and infrastructure in the area.

This study is about Hamra and its residents and the only criterion for selecting participants is that they must be adults who are currently residents or people who work in Hamra. A varied selection of participants in terms of gender, nationality, religion, professional background (e.g. religious influencers or NGOs), and responsibilities (e.g. on an executive, managerial, or policy level) will be ensured. Within this group, participants are randomly selected from the building survey and households which took part in the project's earlier household survey or are stakeholders within the Hamra community who are familiar with the neighbourhood of Hamra; all of which will be invited for participation in an interview. Contact between the study team and potential participants will be made in person or via phone. Considerable care will be taken so that the person contacted does not feel pressured to participate. In addition to our own selection of participants that we deem essential to interview, we will use snowball sampling to identify new participants that could contribute to our study.

This collected information will be used in published research as well as in academic presentations. Your individual privacy and **confidentiality of the information you provide will be maintained in all published and written data analysis resulting from the study. All information you may give will be treated in the strictest confidence and any information you give will be fully anonymized. No individual participant will be identifiable in any discussions, publication or presentation of the findings. Data will be monitored and may be audited by the AUB's IRB while assuring confidentiality.**

We anticipate that this study will lead to a number of benefits to local residents. The information that we collect will be used to write a profile about the neighborhood and the biggest challenges and benefits of living here. This report will be made publicly available and accessible. The data we collect will also be used to inform decision making about how entrepreneurs, NGOs, academics and local government decisionmakers can best focus their efforts to address people's local concerns.

I would like to audio record this interview so as to make sure that I remember accurately all the information you provide. If you do not wish to be recorded, please let me know, and I will not record the conversation.

If you do not agree to be recorded, I would like to take notes manually on a notepad or a computer, pending on your consent.

If you do agree to be recorded I will keep the recordings secure and password protected in a secure server and they will only be used by members of the research team working on this project. Even within the research team, no identifiers other than your voice, gender and age will be used. Three years after the project ends (in 2022), the data will be securely destroyed. Where applicable, handwritten notes will be typed up onto a word file and stored on the secure server while the handwritten copy will be shredded and disposed of.

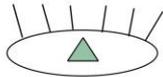
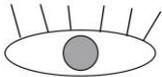
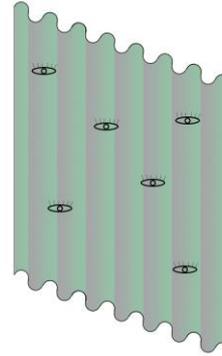
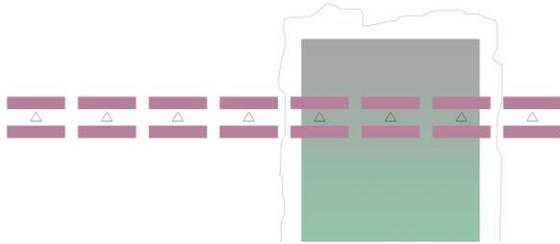
Hamra is a host community

- All Residents of Hamra

	عدد الاسر Number of Household s	%الاسر Households	تعداد السكان تقدير Population (Estimation)	نسبة السكان Population %
لبنانيون Lebanese	1895	76.94%	5166	72.17%
سوريون Syrian	331	13.44%	1312	18.33%
اخر Other	217	8.81%	622	8.69%
فلسطينيو لبنان PRL	19	0.77%	57	0.80%
فلسطينيو سورية PRS	1	0.04%	1	0.01%
	2463	100.00%	7158	100.00%

Hamra is socio-economically diverse, and not all Syrians are refugees.
Many inhabitants of Hamra are migrant workers, some of whom work in homes

Building Survey Vignettes, Mayssa Jallad



Household Surveys

Household Survey Participant Nationality	Number of Household Surveys (out of 2463)
Lebanese	428
Syrian	178
Other	82
<u>Total</u>	<u>688 (28% of total population)</u>



Household Survey Ethnography by Soheila Shorbagy, CS, Syrian Student at the AUB

Asmaa posed some of the hardest questions I have heard about the utility of social science research and its (non-)entanglement with social and non-governmental work. She bluntly asked, “is this only ink on paper? // هل هو بس حكي عالورق؟”

At a later point, Asmaa said, “we welcomed and respected you although we are scared. We are scared even as we are speaking to you; we are thinking about the risks of telling you all of this. You know we are Syrians, and our situation is critical.” They rightfully expected a service or an intervention back. She questioned why we would conduct this kind of research if not to provide or enhance services.

Focus Group Discussions



Interview with CS



CS Inclusive Data Analysis



Co-Designing Local Interventions



- Social
- Entrepreneurial
- Spacial



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First Intervention Meeting



Results of 1st meeting: Community Center



There are many uninhabited buildings in this area, like old buildings, even churches or mosques Can be converted to a medical dispensary, To make people benefit from his services.

- ✓ No public schools inside Hamra
- ✓ Gap between residents
- ✓ Children out of schools

Educational Center where only students work

- ✓ Participation of students from different social classes.
- ✓ Create an alternative for the children who have not attended schools or are were forced to leave.
- ✓ Create a platform to reduce the gap between residents of Hamra starting with students.
- ✓ Transfer this experience to parents and so bridge cultural, social and economic diversity .

Results of 1st meeting: Entreprise App

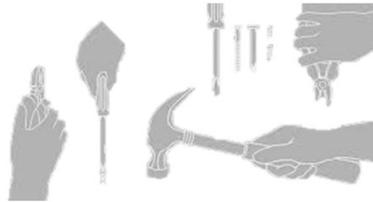
➤ Proposal 2

• Findings :

Old shops and workshops are facing many difficulties such as the economical situation, less clients, high competition with malls and chain Stores ...

• Intervention :

- A Platform that connect users from all over the country with local old shops and workshops
- Connect online but shop local (in Hamra)
- Encourage craftsmanship and local goods



الحلول:

مكافحة التسول
عن طريق التكافل

الطاقة النظيفة
وتحسين جودة
الهواء

مركز اجتماعي
للمسنين

مركز الابتكار
والتنمية

مساحات خضراء
متنقلة

الترويج التجاري
والثقافي
APP

مساحات آمنة
للأطفال

جمالها

حمراء - كورنيش

Results of 1st meeting: Green Canopy

Planning Intervention

- Banning partying on the streets.
- Imply the installation of acoustic absorption panels.
- Penalize pubs who allow street partying



Design Intervention

- Barriers
- Greenery



Other Benefits:
Water retaining
Air purifier
Scene Beautification

III- Intervention

1- Rainwater Harvesting on Rooftops



CS participating in the 17 October Revolution



Photo by Assia