

URHC 2014



Crafts Study in the Action Project Area

prepared by

Urban Regeneration Project for Historic Cairo (URHC)
WHC - UNESCO





CRAFTS STUDY IN THE ACTION PROJECT AREA OF URHC IN HISTORIC CAIRO

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List of Abbreviations

CAPMAS	Central Agency for Public Mobilization and Statistic
CG	Cairo Governorate
CSO	Civil Society Organization
CSR	Corporate Social Responsibility
GIS	Geographical Information System
MoA	Ministry of Antiquities
MoC	Ministry of Culture
NOUH	National Organization of Urban Harmony

1. Introduction

Intangible cultural heritage, also known as ‘living heritage’ is identified by UNESCO as practices, representations, expressions, knowledge and skills transmitted by communities from generation to generation.¹

Crafts in Historic Cairo World Heritage property represent a crucial aspect of the city’s heritage values and living traditions; however, they are threatened due to social and economic pressures. To safeguard traditional crafts and community-oriented production activities, it is important to understand their background, problems and potentials, as well as their relation to the historical urban fabric. It is also important to raise the social profile and capacity of craftsmen and transmit their knowhow to future generations living in the site.

The current study provides information, analysis, and recommendations on crafts’ sectors located in the Action Project area of the Urban Regeneration Project for Historic Cairo (URHC) located in Qism al-Khalifa, between the mosque of Ibn Tulun and the Citadel of Salah al-Din in Historic Cairo World Heritage property.



Raw materials used in one of the mother-of-pearl workshops in the shyakha of al-Hattaba, Qism al-Kahlifa, Historic Cairo

¹ Reference: <http://en.unesco.org/themes/intangible-cultural-heritage>

2. Background

The terms of reference mentioned in the consultants' contract mentioned the following:

"Within the framework of the programme Safeguarding of Cultural Heritage in Egypt, in close consultation with the UNESCO/World Heritage Centre and the responsible notional authorities, and on the basis of the approved project documents {Urban Regeneration Project for Historic Cairo"- October 2009, revised work plan-February 2011, Action Project Layout-September 2013}, the contractor shall 1. Develop a study on the crafts activities in the Action Project area...."

A preliminary Work Plan for the study was sent on January 16, 2014 to the project manager and the scientific coordinator of URHC. Based on the comments and discussions, the scope of the study was slightly modified to focus on the identification and the evaluation of workshops, industrial units, and community-oriented production activities in the study area; to evaluate their compatibility with the World Heritage property, and to measure their importance and potential for sustainability as a living tradition and a source for income generation for the local community of Historic Cairo.

It was agreed, that a systematic survey should be carried out on workshops and production activities in the Action Project

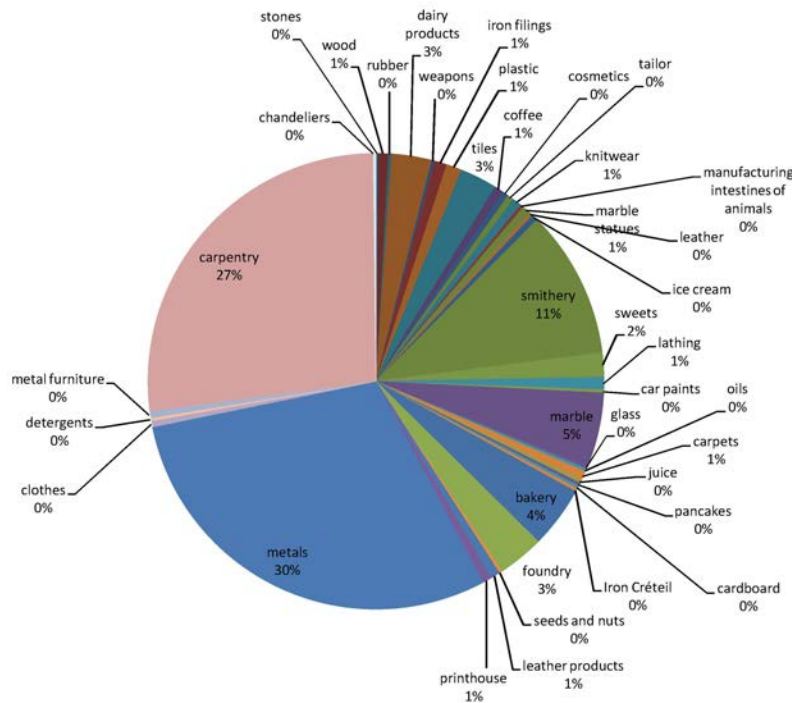
area with trained surveyors from governmental institutions. The field survey was based on:

- The official registers received from CAPMAS and the Governorate of Cairo on workshops in the area;
- The GIS produced by URHC for the Action Project area;
- The observations of the URHC team and surveyors during the field survey carried out in 2013;²
- The outcomes of sector-studies of the URHC project.³

² During the field work, surveyors and consultants observed that 1.) Many mother-of-pearl and leather workshops are present in the surveyed area, 2.) Unlisted historical buildings (such as hamam al-Salyba) are sometimes used for industrial activities, 3.) Few contemporary Egyptian designers work with workshops in the area, such as one behind Ibn Tulun mosque, 4.) a crafts shop in front of Ibn Tulun mosque, works with blown glass and pottery workshops in Historic Cairo, 5.) Foundries, which are connected to Khan al Khalili workshops, are located close to Sayeda Nafisa mosque, south of al-Khalifa area, 6.) Several community-oriented workshops exist in al-Khalifa Street (e.g. carpenters, metal workers, plumbers, etc.).
³ See "Community-Oriented Activity Patterns", Dina K. Shohayeb, 2011; "Living and Working in Historic Cairo: Sustainability of Commercial and Productive Activities", Dina K. Shohayeb, 2012; "Rehabilitation of Historic Cairo: Socio-Economic Study", Sherine Zaghow, 2011; "Research on Intangible Heritage and Storytelling Event in the Action Area", Chirine El Ansary and May al-Ibrashy, 2014.

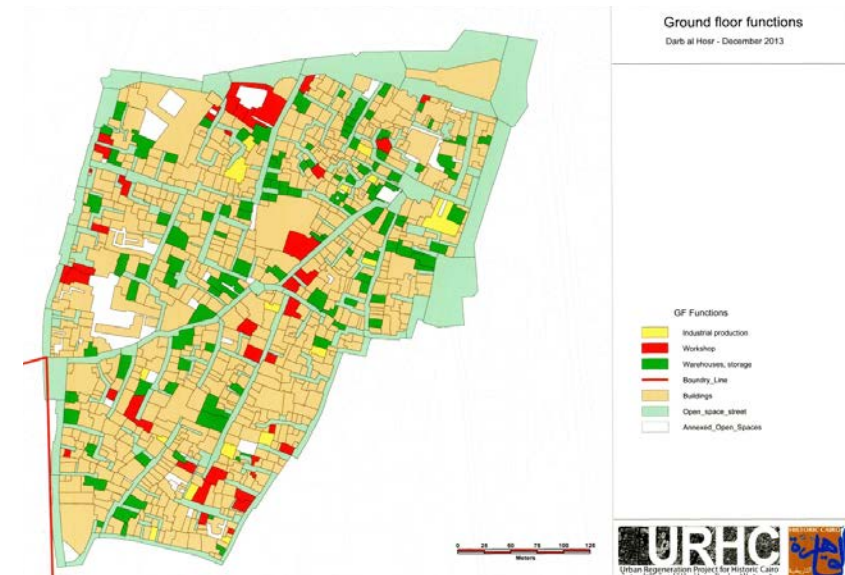
3. Approach and Methodology

References were collected on workshops and industrial units in Historic Cairo. Those included the official registers on workshops and industrial units provided by the District of al-Khalifa (CG) and CAPMAS for the Action Project area.



Mapping of references: A chart illustrating workshop types in Qism al-Khalifa, based on the registers of the District of al-Khalifa that includes data on 450 industrial units in the area.

The GIS developed by the URHC project for buildings and streets/open spaces in the Action Project area was considered an important reference for the crafts study.



Mapping of references: A map illustrating ground floor functions in the area of Darb al-Hosr; workshops are identified in red on the map.

Reference: URHC survey on buildings in the Action Project area, 2013.

The workshops' registers - provided by al-Khalifa District, CAPMAS, and URHC - were mapped on the cadastral maps⁴ for the majority of the shyakhas located in Qism al-Khalifa (al-

⁴ The cadastral maps of Historic Cairo, published by the Egyptian Survey Authority in the 1930s - 1940s (scale 1:500), were considered reliable references and a base for the URHC studies due to their accuracy.

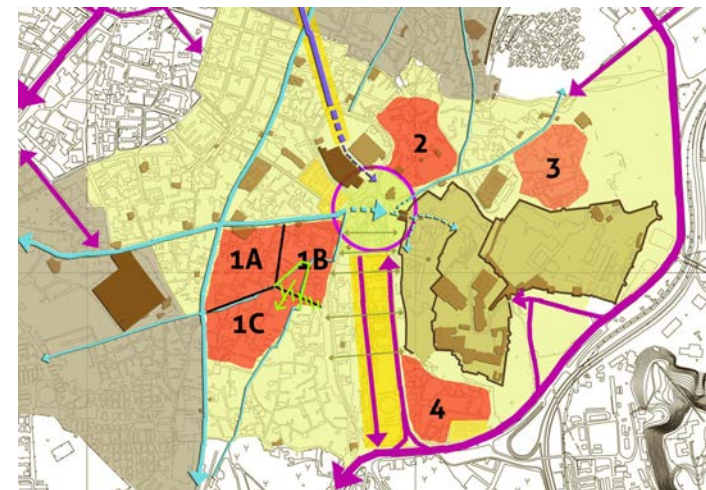
Hattaba, Darb al-Hosr, al-Khalifa, al-Boqali, al-Mahgar, Arab al-Yassar, Sayeda Aisha, and al-Helmeya).



Mapping of references: Workshop locations in shyakhat al-Hattaba, Qism al Khalifa, on the cadastral maps according to the District registers (blue), CAPMAS registers (orange) and the URHC survey (green)

Perimeters of the study area: To define the perimeters of the study area in which investigations on crafts workshops should be carried out; it was agreed to conduct the field survey only on the areas covered by the URHC survey on buildings and

open spaces in Qism al-Khalifa (2013/2014)⁵. The reason for choosing this area was to complete the interdisciplinary studies carried out by URHC in the Action Project area, as a preparation for the management plan and the conservation plan for Historic Cairo World Heritage property.



Choice of the study area: Map developed by the scientific coordinator of the URHC project illustrating the Action Project area in Historic Cairo. Areas 1A, 1B, 1C, 2, and 3 (in orange) were covered by the URHC survey on buildings and streets/open spaces (2013/2014), as well as by the crafts study of URHC carried out in 2014 (Map reference: URHC Report: Action Project Layout, September 2013)

⁵ in the shyakhas of al- Hattaba, al-Mahgar, Darb al-Hosr, al-Boqali, and al-Khalifa

Training of surveyors: Four of the surveyors that attended the on-the-job training provided by the URHC project⁶ were assigned to participate in the crafts study between March and May 2014. The surveyors started with mapping the workshops that were found in references on the cadastral maps. They participated in developing and testing the survey form, and carried out the field survey in five *shyakhas* of the Action Project area, as well as the data entry for the surveyed workshops. Finally, they participated developing a GIS and thematic maps for the surveyed crafts, as well as drafting the preliminary outcomes of the study.



⁶ In 2013, URHC provided training for 12 surveyors from governmental institutions involved in the management in the World Heritage property.

4. The Field Survey

A survey form⁷ was designed for the crafts' study including queries needed to understand and evaluate the current state of crafts in the Action Project area such as:

- General information about each workshop's location and its relation to the *shyakha*, street and building;
- The ownership/registration status of the workshop;⁸
- The activity types and related detailed sub-categories,⁹ as well as general workshops' categories;¹⁰
- The rootedness and the compatibility of the activity to the historical area; also, the connections between the surveyed workshop and others in the surrounding;
- The physical environment of each workshop, including information on the use of public space, its internal space/arrangements, and its environmental condition;
- Information about the design sources, the order types, and the clients of crafts' workshops;

⁷ See annex.

⁸ It was difficult to obtain this information during the survey; in some cases, information on the legal statue was available in the references.

⁹ In the survey form, workshop types were divided in the following main categories, each including sub-categories: cars, food, carpentry/wood-work, leather, metals, stone and marble, textile and others.

¹⁰ Such as handicraft, light industrial, heavy industry, and service provider.

- Human resources (number of workers, age groups, and residence of owner), and inherited/family activities;
- Activities endangered or recommended for studies, and cooperation of craftsmen in the survey.¹¹

After testing the survey form, the surveyors carried out a systematic field investigation on 221 workshops/industrial units in the following *shyakhas* located in the area:

Crafts study - field survey in Qism al-Khalifa (March – May 2014)			
Shyakha	Survey date	Nr. of units	Remarks
Al-Hattaba	March, 17, 20, 24	58	complete <i>shyakha</i> surveyed
Darb al-Hosr	26 March, 3 April	52	complete <i>shyakha</i> surveyed
Al-Khalifa	9-10 April	34	complete <i>shyakha</i> surveyed
Al-Boqali	14 April	18	part of <i>shyakha</i> surveyed ¹²
Al-Mahgar	16, 28 April, 5, 7 May	60	complete <i>shyakha</i> surveyed
Total surveyed workshops		221	

During the field visits that took place between March and May 2014, the surveyors filled in the forms through interviews with the owners or people working in the workshops. Most of the visits started around noon time, because the majority of workshops don't start working before 11:00 am, taking into

¹¹ To verify and evaluate the correctness of information about the surveyed workshop, the survey form included a question about the willingness of the interviewed craftsmen to cooperate in the field survey.

¹² The part surveyed by URHC and the southern part that connects to Sayeda Aisha

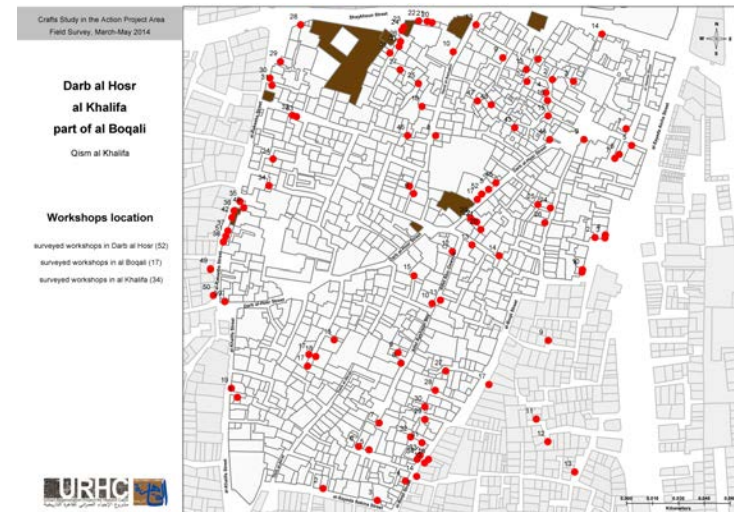
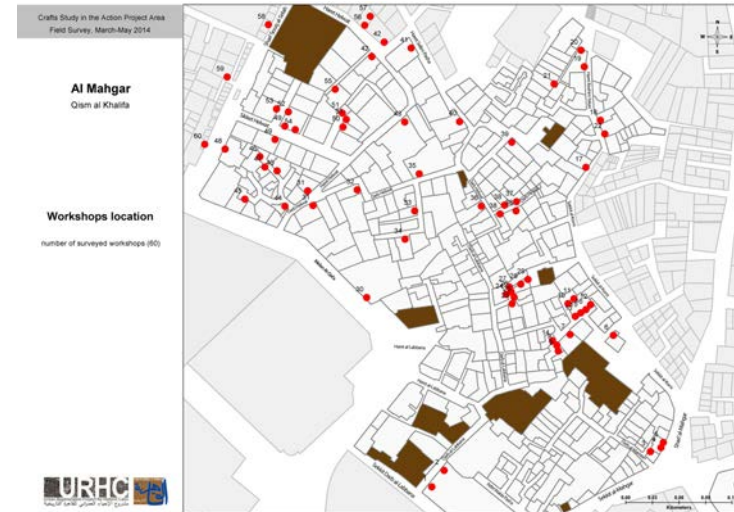
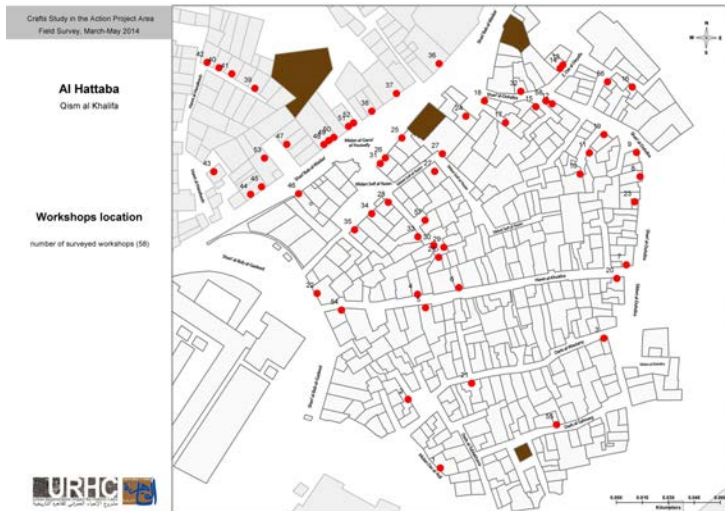
account that Sundays are usually off. It should be noted that some workshops were closed and few craftsmen refused to participate or complete the survey, as they felt uncomfortable about sharing information on their private business with the surveyors. In this case, only specific fields were filled, as explained in the following part of the report.

The survey included a photographic documentation of each workshop. However, a documentation of design typologies and products was not in the scope of this study.



5. The GIS of Crafts

Parallel to the survey, a digital form was developed for the crafts database. The data entry for 221 workshops in Qism al-Khalifa was carried out using this form. The GIS developed by URHC in 2013 for buildings and open spaces in the Action Project area was used as the base for a new GIS on crafts' workshops in the area. Based on the suggestion of the GIS consultant¹³ on how to represent workshop activities on the URHC GIS, the workshops were mapped as new features (points) placed on the external border of the buildings, in correspondence to the entrance of the productive unit.



Surveyed workshops were mapped as points for al-Hattaba (58 units), Darb al-Hosr (52 units), al-Khalifa (34 units) and part of al-Boqali (17 units).

¹³ Luca Lanzoni, GIS consultant of the URHC project

6. Evaluation of Workshops

The evaluation of each surveyed workshop/industrial unit in the Action Project Area was based on five main criteria that were analyzed in the survey form followed by an overall evaluation of each workshop:

- C 1: Compatibility of activity to the area
- C 2: Activity disturbing the pedestrian movement or traffic in the open space
- C 3: Suitability of workshop's space for the requirements of the activities
- C 4: Environmental condition
- C 5: Inherited crafts or activity exists in the family

During the survey, the evaluation approach was tested and the scores of the five criteria were slightly modified.¹⁴ Instead of giving all criteria equal voices, Criteria (1), (2) and (4) were given two points each, because they affect the historic urban fabric. On the other hand, Criteria (3) and (5) were given each one point, as they have less influence on the urban tissue.¹⁵ The score of the final evaluation was out of 8 points, the sum of the scores achieved in the five evaluation criteria.

¹⁴ based on the advice of the scientific coordinator of URHC and according to the degree of influence of each criterion on the historical urban fabric.

¹⁵ These criteria are related to the internal space arrangement or to intangible values.

C1: Compatibility of craft activity to the area

Compatibility of activity to the area (according to surveyor)	<input type="checkbox"/> good	<input type="checkbox"/> intermediate	<input type="checkbox"/> bad
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(good (2 points), intermediate (1 point), bad (0 points))

This criterion was given 2 points, because the compatibility of an activity to the area affects the heritage values of Historic Cairo. To avoid the subjective evaluation of the compatibility of an activity; following aspects were taken into consideration, before giving a score to each workshop:

1. The rootedness of the craft activity in the site;
2. If the workshop complements others in the area;
3. If the workshop produces handicrafts or light industrial products that are unique or important to the area;
4. If the workshop uses traditional/natural raw materials;
5. If the workshop or product is environmentally friendly.

If none of these conditions were found in the workshop, the compatibility of the activity was measured as bad (0 points); if 1 or 2 aspects were found, the compatibility was measured as intermediate (1 point); in case 3 or more were found, the compatibility was measured as good (2 points).

C2: Craft activity is disturbing the vehicular/pedestrian movement in the public open space

activity disturbing the movement in public space	<input type="checkbox"/> no	<input type="checkbox"/> partial	<input type="checkbox"/> yes
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(no (2 points), partial (1 point), yes (0 points))

This criterion was given 2 points, because it affects the quality of public spaces. In case the activity was not disturbing, the surveyor ticked “no” (2 points), in case it was partially/or only for a limited duration disturbing the movement, they chose “partial” (1 point). “Yes” (0 points) was chosen in case a workshop was spreading out its activities to an extent that disturbs vehicular and pedestrian movement. It should be highlighted that craftsmen living in the area, often use the public spaces in front of the workshops for production activities or storage. This phenomenon was not evaluated as negative, unless it was in fact disturbing the public space.



Examples of crafts workshops using the open public space in front of their workshops for production or storage activities.

C3: Suitability of the internal workshop space for the activities' requirements

suitability of space for activity requirement	<input type="checkbox"/> good	<input type="checkbox"/> intermediate	<input type="checkbox"/> bad
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(good (1 point), intermediate (0.5 points), bad (0 points))

This evaluation criterion is concerned with the suitability of the workshop space and its internal arrangement for the production activity, according to information collected on the size, the number of rooms, the availability of service and storage spaces, the availability of infrastructures (electricity and water), as well as the craftsman's opinion about the workshop space. Since this measures the internal arrangements of the workshop, it was given only 1 voice in the overall evaluation; i.e. in case the internal workshop space was suitable, it was evaluated with 1 point (intermediate: 0.5 points, and bad: 0 points).



Examples of different arrangements and scales of crafts workshops interiors.

C4: Environmental condition of the workshop

Evaluation of the environmental condition	<input type="checkbox"/> good	<input type="checkbox"/> intermediate	<input type="checkbox"/> bad
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(good (2 point), intermediate (1 point), bad (0 point))

The environmental conditions of workshops are sometimes associated with challenges that could risk the urban fabric. The assessment of this criterion was based on the availability of a regular (formal/informal) SWM system, the presence of sound and air pollution, or potential fire hazards,¹⁶ as well as the presence of infrastructures and safety equipment.¹⁷ A workshop with good environmental conditions achieved 2 points, intermediate environmental conditions (1 point), while bad ones achieved (0 points).



Examples of potential fire hazards associated to craft workshops due to the bad storage of raw materials or products outside the workshops.

¹⁶ Information concerning the presence of potential environmental hazards is important; it is related to recommendations that follow in the report.

¹⁷ Information on the availability of infrastructures and safety equipment is found in the part of the survey form related to the workshop space.

C5: Craft activity is inherited or exists in the family

Inherited/family craft activity	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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(yes (1 point), no (0 point))

The final criterion considers the human resources of crafts' workshops and their relation to living traditions in the city, as it provides information on crafts' sectors that are inherited or associated to family activities. This was measured with only one point, as it measures intangible values. A workshop with inherited/family activity achieved 1 point in the evaluation, while the rest were evaluated with 0 points.

Overall Evaluation

Based on the sum of the points achieved in each of the five previously mentioned criteria,¹⁸ the workshop evaluation was assessed with a maximum score of 8 points as follows:

Overall evaluation	High (8)	Good (6)	Fair (4)	Low (2)	None (0)
out of 8 points	6.5-8	4.5-6	2.5-4	0.5-2	0

1. The overall evaluation is a sum of criteria that are important to assess crafts workshops in relation to their urban environment. It doesn't give indicators about the quality of products, the working environment, or economic issues.
2. In case a workshop was not accessible, only specific fields were filled.¹⁹ Thematic maps illustrate only specific queries for inaccessible ones, while the rest appears as unknown.

¹⁸ C1: 2 points, C2: 2 points, C3: 1 point, C4: 2 points, C5: 1 point

Shiakh Name	ID	ID Shiakh	ID Building	ID Workshop	Workshop Type	Evaluation	Comments
Al Hattaba	H 1	224	29	mother-of-pearl	O 7		
					C1 2		
					C2 2		
					C3 1		
					C4 1		
					C5 1		
	H 1	164	12	mother-of-pearl/stones	O 6.5		
					C1 2		
					C2 2		
					C3 0.5		
					C4 1		
					C5 1		
	H 1	228	33	arabesque	O 6.5		
					C1 2		
					C2 2		
					C3 0.5		
					C4 1		
					C5 1		
	H 1	262	32	engraving/relief carving	O 5.5		
					C1 2		
					C2 2		
					C3 0.5		
					C4 1		
					C5 0		

C1 Compatibility to area (2=good, 1=intermediate, 0=bad)
 C2 Activity disturbing the movement (2=no, 1=partial, 0=yes)
 C3 Inherited (1=yes, 0=no)
 C3 Suitability of space (1=good, 0.5=intermediate, 0=bad)
 C4 Environmental condition (2=good, 1=intermediate, 0=bad)
 O Overall evaluation (6.5 >= high, 4.5 <= good, 2.5 <= fair, 0.5 <= low, 0= none)

Evaluation of selected carpentry workshops in al-Hattaba

Shiakh Name	ID	ID Shiakh	ID Building	ID Workshop	Workshop Type	Evaluation	Comments
Darb Al Hosr	H 4	28	41	engraving/arabesque	O 7		
					C1 2		
					C2 2		
					C3 1		
					C4 1		
					C5 1		
	H 4	127	34	Carpentry	O 7		
					C1 2		
					C2 2		
					C3 1		
					C4 1		
					C5 1		
	H 4	45	31	engraving/relief carving	O 6.5		
					C1 2		
					C2 2		
					C3 0.5		
					C4 1		
					C5 1		
	H 4	411	11	engraving/relief carving	O 6		
					C1 2		
					C2 2		
					C3 1		
					C4 1		
					C5 0		

C1 Compatibility to area (2=good, 1=intermediate, 0=bad)
 C2 Activity disturbing the movement (2=no, 1=partial, 0=yes)
 C3 Inherited (1=yes, 0=no)
 C3 Suitability of space (1=good, 0.5=intermediate, 0=bad)
 C4 Environmental condition (2=good, 1=intermediate, 0=bad)
 O Overall evaluation (6.5 >= high, 4.5 <= good, 2.5 <= fair, 0.5 <= low, 0= none)

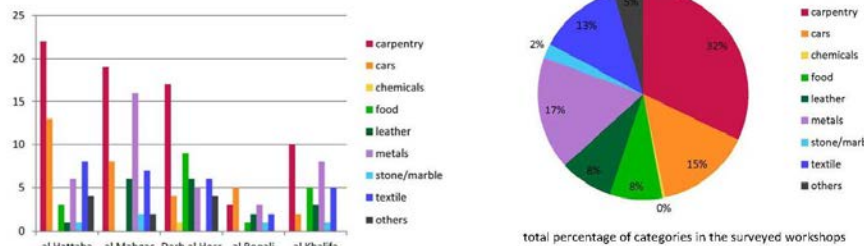
Evaluation of selected carpentry workshops in Darb al-Hosr

¹⁹ The following fields were filled for inaccessible workshops: ID (Qism, Shyakh, Building, and Workshop), reference, type, category, as well as C1: compatibility of activity to the area, as well as the field concerning craft activity endanger.

7. Analysis

To analyse information acquired from the field survey, tables and graphs were produced to evaluate queries such as workshop types and categories, date of establishment, client types, evaluation criteria, or activities endangered in relation to each of the five *shyakhas* covered by the survey. Charts were produced to illustrate for example percentages of workshop types in the surveyed *shyakhas*.

Workshops types in the Action Project area

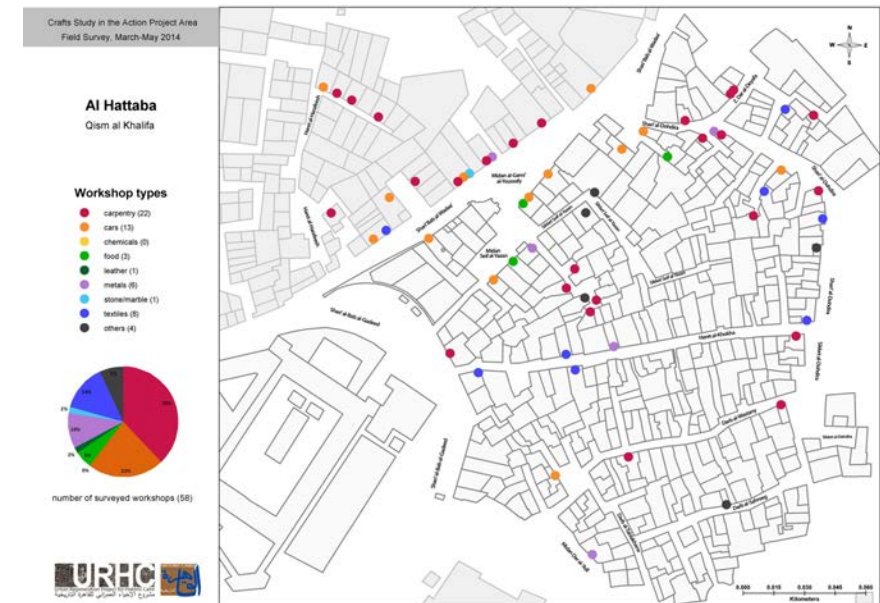


	carpentry	cars	chemicals	food	leather	metals	stone/marble	textile	others	total/shyakha
al Hattaba	22	13	0	3	1	6	1	8	4	58
al Mahgar	19	8	0	6	6	16	2	7	2	60
Darb al Hosr	17	4	1	9	6	5	0	6	4	52
al Boqali	3	5	0	1	2	3	1	2	0	17
al Khalifa	10	2	0	5	3	8	1	5	0	34
total/category	71	32	1	18	18	38	5	28	10	221

Based on the database developed for crafts' in the area and on the GIS developed by URHC in 2013 for buildings in the Action Project area; thematic maps were produced illustrating

queries related to workshops in the following *shyakhas* covered by the study: al-Hattaba, al-Mahgar, Darb al-Hosr, al-Boqli and al-Khalifa.

Charts and tables were combined with the related thematic maps for the analysis.



To the right side: An example of table and charts illustrating numbers and percentages of workshop types in the surveyed *shyakhas* in the study area. Above: A thematic map illustrating locations, numbers and percentages of workshops types in the area of al-Hattaba, Qism al-Khalifa.

8. Survey Outcomes

General Outcomes

The field survey on crafts in the Action Project area shows that numerous workshops and community-oriented production activities exist in the site, which confirms that Historic Cairo still preserves its living traditions. 221 workshops were surveyed in five *shyakhas*: al-Hattaba (58), al-Maghar (60), Darb al-Hosr (52), al-Khalifa (34) and part of al-Boqali (17). The surveyed workshops were categorized as handicrafts, light industrial activities, or service providers, which often overlapped with the category of traditional crafts.

shyakha name	workshops (units)	area (km)	population (ppl)	density (inhab/ha)	unemployment (%)	family size (ppl)
Al Hattaba	58	0.523	3.595	68.7	4	3.5
Al Mahgar	60	0.145	6.109	422.7	4	3.7
Darb al Hosr	52	0.075	5.904	782.8	3	3.2
al Boqali	17	0.077	4.255	550.7	3	3.5
al Khalifa	34	0.092	3.945	429.1	4	3.7

*Workshops counts in relation to socio-economic statistics for each shyakha in terms of: area, population, density, unemployment, and family size.*²⁰

Workshop types

The surveyed crafts' workshops mainly consist of carpentry workshops (32%) (ex. furniture, wood staining, mother-of-pearl), metal workshops (17%) (ex. processing and lathing), car workshops (15%) (ex. mechanics and electric), textile

workshops (13%) (ex. upholstery, tent makers, and tailors), leather workshops (8%) (mainly artificial leather) and food workshops (8%) (ex. bakeries and pickles), in addition to stone workshops (2%) and other types of workshops (5%) (ex. glass and brooms). One chemical workshop was found.



Date of establishment

Various workshops opened in the area in the past years; 24% opened after the Egyptian revolution in 2011,²¹ 34% opened between 1990s and 2010, 14% between 1970s and 1980s, and only 16% opened before the 1960s. It is difficult to compare the existing types, numbers, and concentrations with the past, as no historic mapping of crafts was found.²² The cross-query between types and workshops that opened after 2011 (51 units) illustrate that newly opened units include carpentry, car, leather and food workshops.

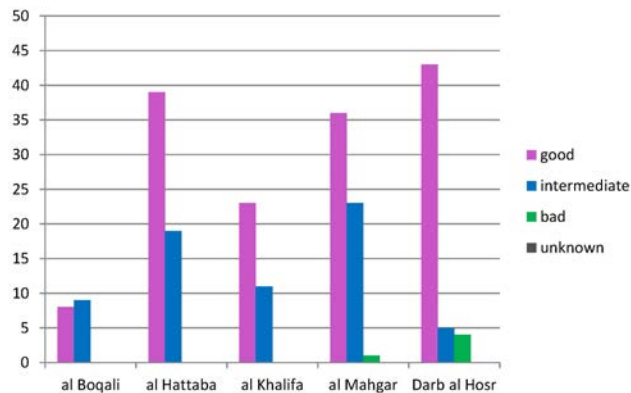
²¹ in al Hattaba (12 units), al Mahgar (13 units), and Darb al Hosr (11 units)

²² Except for the attached reference map that is based on the registers of the District, CAPMAS, and the URHC survey.

²⁰ Reference: URHC Sector-study: Socio-Economic Profile of Historic Cairo

Workshops evaluation

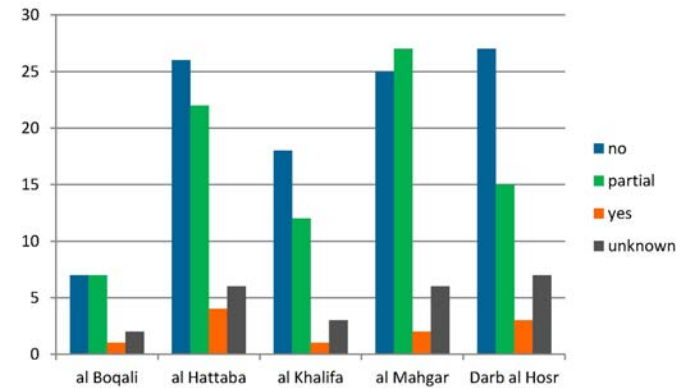
The outcomes of the criterion related to the compatibility of crafts to the area is considered very positive, as it shows that the majority of workshops are compatible (68%), while 30% are intermediate and 2% are bad. However, the sustainability of compatible crafts is threatened, because a number of existing workshop types contradict with the shop categories²³ allowed in residential areas according to Law 453/1954.



Outcomes of C1: Compatibility of activity to the area

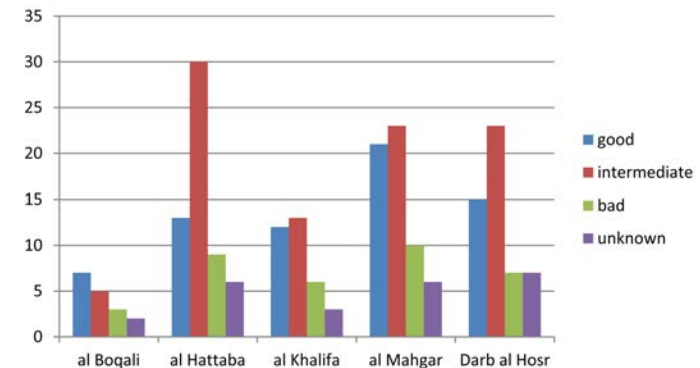
As for the disturbance of the crafts activity to the movement in the public space; it was found that 47% workshops are not disturbing the movement, because they are working and

storing materials or products inside, while 37% are partially and 5% are disturbing pedestrian/vehicular movement.



Outcomes of C2: Activity disturbing movements in public space

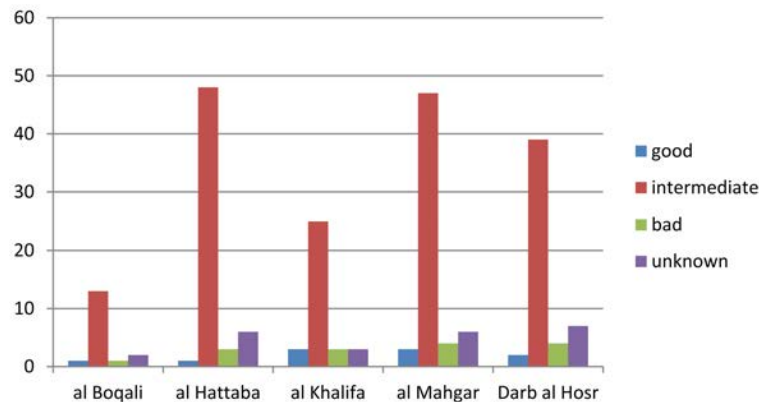
The suitability of the workshops space for the requirements of the activity was found as follows: 42% intermediate, 31% good, and 16% bad. This indicates that many workshops need facilities, services, or internal improvements.



Outcomes of C3: Suitability of the workshop space to activity requirement

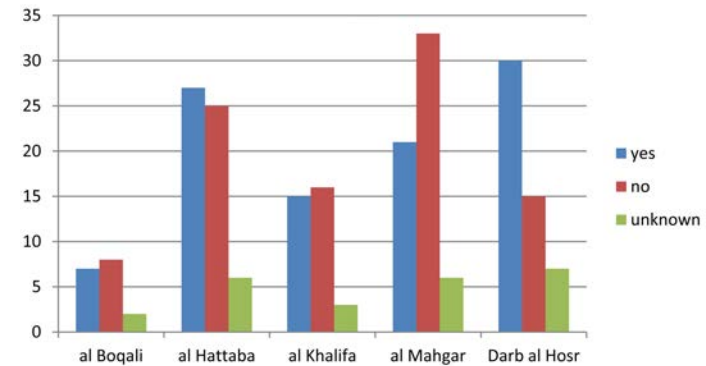
²³ Egyptian Law 453/1954 regulates industrial and commercial shops that form a source of inconvenience and deemed hazardous to public health.

The assessment of the environmental conditions indicates that the majority of workshops have intermediate environmental conditions (78%); 7% bad and 4% good.²⁴ Some outstanding crafts' workshops suffer from potential fire hazards or air pollution that could threaten the urban fabric and the local community.²⁵ This problem has to be addressed by appropriate and sensitive solutions.



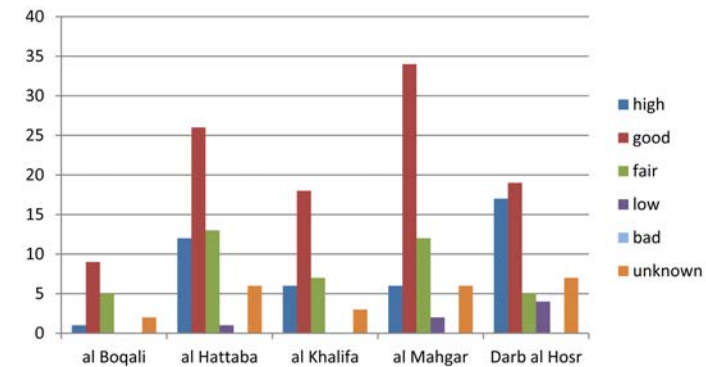
Outcomes of C4: Environmental conditions of workshops

The evaluation of the inherited/family activity indicates that 45% of the crafts are still inherited in the study area, while 44% are not inherited.



Outcomes of C5: Inherited/family craft activity

Finally, the overall evaluation of surveyed workshops is quite positive, as it illustrates that 19% of the crafts are evaluated as high, 48 % as good, 19% as fair, and 3% as bad.²⁶



Outcomes of the overall evaluation of workshops, based on the sum of the scores achieved in the five evaluation criteria

²⁴ mainly bakery shops have good environmental conditions, because they have to respect safety regulations to obtain the official licence.

²⁵ mainly small/medium scale workshops that have potential fire hazards due to bad storage conditions or due to the use of chemicals/fire close to flammable raw materials or products.

²⁶ C2, C3, C4, C5 and the final evaluation of about 11% of the 221 surveyed workshops are unknown, because they were not accessible.

Area-specific Outcomes

The following part of the report draws attention to outcomes of the crafts survey in relation to the surveyed *shyakhas*:

Al-Hattaba has the least population density and the largest surface area among the surveyed *shyakhas*, as a large part of it is occupied by the Citadel. The crafts survey reveals that al-Hattaba still comprises a concentration of crafts workshops and industrial units (58 units), possibly due to its isolated location and closed community. Also, due to the fact that it is part of the buffer zone of the Citadel, where no new constructions are allowed. Therefore, production activities were less influenced by the general economic and physical decline of the urban fabric.

Al-Mahgar, also known as the area of Darb al-Labbana, hosts monuments and residential buildings of high architectural value, as well as some ruins/vacant plots close the al-Mahgar street.²⁷ The *shyakha* has a strategic location in the historic city close to the Citadel Square. It has a moderate population density²⁸ and includes the highest number of workshops surveyed in one *shyakha* (60 units), taking into account that several workshops opened in al-Mahgar after 2011 (13 units). Many crafts activities in al Mahgar were found high or good in the overall evaluation.

Al Khalifa and Al Boqali²⁹ are located between *shyakhat* Darb al-Hosr to the North, al-Sayeda Aisha Market to the East, and they are close to the southern monumental cemeteries. Both shykhas have relatively small surface areas and high population numbers.³⁰ Fewer workshops were found in the *shyakha* of al-Khalifa (34 units)³¹ and the part surveyed of al-Boqali (17 units)³² possibly due to the physical decay of the urban fabric and the related economic decline. Production activities were replaced by storage spaces that often serve the food market of al-Sayeda Aisha.³³ Nevertheless, the compatibility of many workshops in *shyakhat* al-Khalifa to the area was good (23 units), while the compatibility of 11 workshops was measured as intermediate. On the other hand, the compatibility of workshops in *shyakhat* al-Boqali was between good (8 units) and intermediate (9 units). Nevertheless, the overall evaluation of crafts' workshops was good in both areas.

²⁹ The outcomes of both shykhas are analyzed together.

³⁰ Al Boqali has an area of 0.077 km² and a population of 4.255 ppl, while al Khalifa has an area of 0.092 km² and a population of 3.945 ppl.

³¹ including carpentry (10), metal (8), textile (5) and food (5) workshops that are often assessed as high/good in the overall evaluation.

³² including cars (5), carpentry (3), metal (3), leather (2), textile (2) and food workshops (1).

³³ References: URHC survey on buildings in the Action Project area, 2013 and URHC sector-study: Research-based Urban Design Proposal for Sayeda Aisha Market Area, prepared by Dr. Dina Shehayeb, who mentions that: "Accounts from elderly craftsmen in HC; reveal how vibrant al-Khalifa district was with workshops (Khayameyya Oral Histories, 2014)"

²⁷ See URHC First Report on the Activities, 2010-2012

²⁸ Population density of 422.7 inhab/ha

Darb al Hosr is located to the north of the *shyakhas* of al-Khalifa and al-Boqali. The area includes some important historical buildings along Shaykhoun Street, the northern border of the *shyakha*. The surface area of Darb al-Hosr is small and the population density is high compared to others in the area.³⁴ Darb al-Hosr comprised many storage spaces in the ground floors of the buildings that probably replaced production activities. 52 crafts workshops were found, which are to a great extent compatible with the historic urban fabric. Many workshops are not disturbing the movement in the public space and have intermediate environmental conditions.³⁵ Although *shyakhat* Darb al-Hosr suffers from a physical decline like al-Khalifa and al-Boqali,³⁶ the overall evaluation of workshops in Darb al-Hosr indicates that the area still preserves its handicrafts and local production activities, as 17 workshops were evaluated as high, while 19 workshops were evaluated as good.



Examples of crafts types in the surveyed areas

³⁴ Surface area of 0.075 km² and population density of 782.8 inhab/ha.

³⁵ Darb al-Hosr area includes carpentry (17), food (9), leather (6), textile (6), and metal workshops (5).

³⁶ Based on the outcomes of the URHC survey in the Action Project area, 2013.

Based on the outcomes of the crafts survey, an in-depth analysis was carried out for the *shyakha* of al-Hattaba, as an example on how to evaluate outcomes, and come up with indicators and recommendations related to crafts for a specific area:

In-depth analysis of the area of al-Hattaba

- al-Hattaba occupies an area of 0.532 km² with a low population density of 68.7 inhab/ha. The Citadel occupies a large part of the shyakha. The area is quite isolated; it is only connected to the city through Bab al-Wada'a Street that links the Citadel Square with Salah Salem through the cemeteries. The Citadel is directly accessible from the area, through one of its gate that is currently closed, Bab al-Gadid. Nevertheless, the area has relatively preserved its heritage values.³⁷
- 58 workshops were surveyed in al-Hattaba, including 22 carpentry, 13 car/motorbike, 8 textile, 6 metal, 3 food, 1 stone/marble and 4 other workshops.
- The information related to 6 workshops is incomplete, as they were not accessible during the visits.
- Many workshops in the area correspond to production activities that are traditional (37 units) and/or inherited (27 units), such as mother-of-pearl

workshop, tent makers, pickle workshops, a chalk workshop and a tailor.

- Among 22 carpentry workshops that were found in the area,³⁸ many inherited the crafts. It is important to note that woodwork workshops in al-Hattaba could be considered a continuation to the numerous carpentry workshops located in al-Darb al-Ahmar area, north to the al-Hattaba.
- 5 tent-making workshops provide a source for income generation for people in the area (including women working from home).
- Al-Hattaba comprises 13 car/motorbike repair workshops, 5 out of these opened after 2011. 4 car workshops disturb the movement in the public space, while the rest (9 units) partially disturb it. They are mainly located on Bab al-Wada'a Street, which is not wide enough to absorb the traffic and the car workshops activities that occupy the street sometimes.
- Al-Hattaba is free of chemical workshops or heavy industries. The only craft workshop, which is classified as "heavy-industrial machinery", is a stone/marble workshop established in the 1960^s that produces status (on shari Bab al Wada'a).

³⁷ See URHC First Report of Activities, July 2010-June 2012.

³⁸ including 14 mother-of-pearl carpentry workshop

- None of the workshops surveyed in al-Hattaba were incompatible with the area. The compatibility of 38 units was good, while the rest were evaluated as intermediate (20).³⁹ Workshops in the area were categorized as handicrafts, light industrial machinery, or service providers that fulfil at least one of the considerations taken into account while evaluating the compatibility of crafts to the area.⁴⁰
- 48 workshops in al-Hattaba have intermediate environmental conditions, 1 was evaluated as good, and 3 as bad. The majority of workshops lack safety equipments and some suffer from potential hazards (mainly due to fire risks). These need immediate environmental solutions to insure their safety and to eliminate risks that threaten the urban fabric.⁴¹
- 24 units in al-Hattaba don't spread their crafts activities outside their workshops. 24 units partially disturb the pedestrian/vehicular movement in the public space,⁴² either due to limitations of the internal workspace, or due to the traditions of local craftsmen, who prefer to work in front of their workshops.

³⁹ including 13 car workshops that were evaluated as intermediate

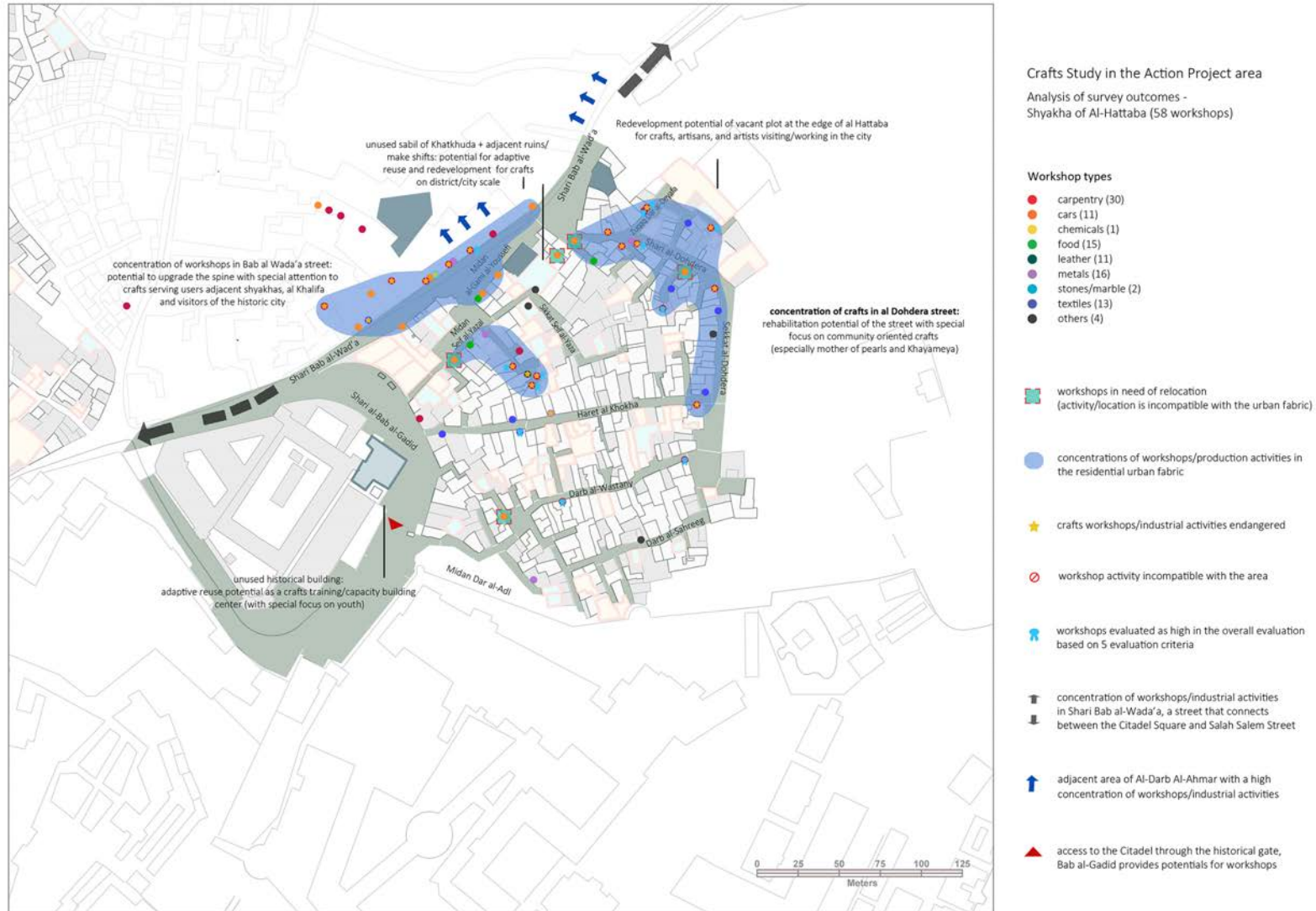
⁴⁰ See Evaluation of workshops: C1: Compatibility of activity

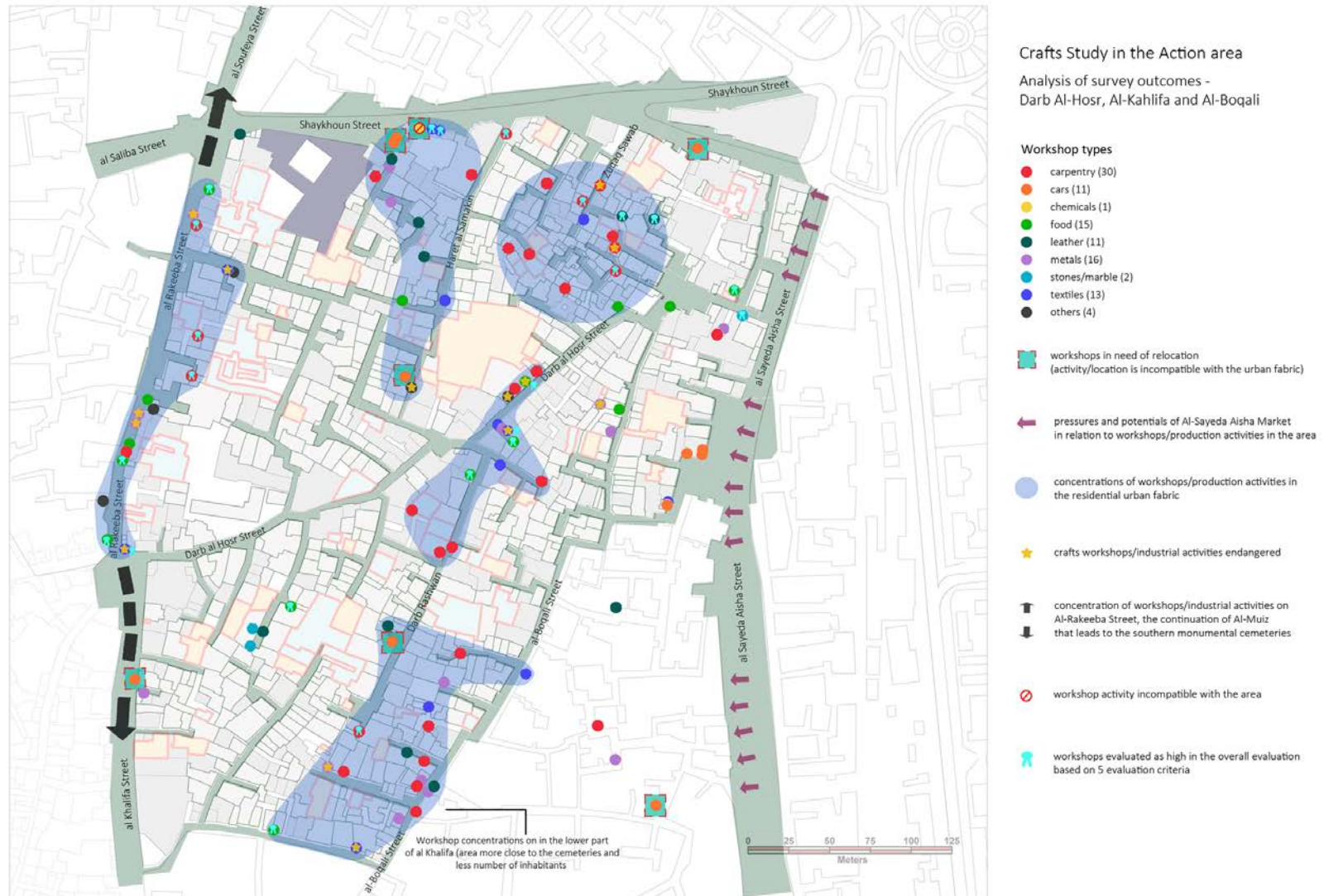
⁴¹ Support should be provided to craftsmen to improve environmental conditions, without moving the workshops outside the area.

⁴² 6 workshops were not evaluated in this criterion, because they were not accessible during the survey.



Examples of crafts in al-Hattaba, Qism al-Khalifa





9. SWOT of the Crafts' Workshops

To evaluate Strengths, Weaknesses, Opportunities, and Threats related to the crafts' that represent an important heritage value of the Action Project area, a SWOT analysis was carried in relation to the outcomes of the study.

Strength

- Many of the surveyed crafts' activities are compatible to the historic area.
- The rootedness of crafts in the Action Project area.
- Some master-artisans are still present in the area.
- The strategic location of the surveyed *shyakhas* as part of the Citadel neighbourhoods; between Historic and Downtown Cairo, and as link to the rest of the city.
- Main streets and some spines in the area include concentrations of workshop activities (ex. Bab al-Wada'a, al-Dohdera, al-Rakeeba, and Darb al-Hosr).
- Connections exist between various workshops that supplement each other in the area or that supplement other workshops in Historic Cairo, especially Khan al-Khalili area.
- Some women in the area participate in the production of crafts, while working from home.

- Many workshop owner and craftsmen still live and work in Historic Cairo.
- Some crafts' concentrations are located close to historical buildings.

Weaknesses

- The physical and economic decline of the historic area negatively affects the sustainability of crafts.
- The unclear and unofficial legal statue of many workshops and industrial units in the area.
- Some workshops suffer from potential fire hazards and air pollution.
- Lack of appreciation, especially among the young generation, concerning heritage and economic values of crafts; also, concerning the heritage values in the site in general.
- The majority of craftsmen have inadequate marketing skills and opportunities.
- Production activities are often replaced by commercial activities and storage spaces, especially close to al-Sayeda Aisha Market area.
- Some historical buildings are used for industrial activities, which could cause environmental hazards.

Opportunities

- Proximity of al-Hattaba and al-Mahgar areas to the Citadel; this could be translated into development potentials for crafts' activities.
- Proximity to al-Darb al-Ahmar area, Mohamed Ali Street, Downtown Cairo, as well as the cemeteries.
- Vacant plots and unlisted historical buildings that could be reused as handicrafts' schools, training centres or outlets.
- Many monuments and historical building in the area are in need of restoration; this is considered a great opportunity to revive building crafts and train local artisan through restoration projects.
- Potentials for youth empowerments and job creation through the development of crafts in the area.
- The Replicates Production Centre affiliated to MoA that exists inside the Citadel, could provide training opportunities to the local communities on handicrafts. Moreover, it could benefit from the experiences of master-artisans in the area.
- *Proximity to al-Sayeda Aisha Market*

Threats

- Crafts' activities are endangered due to social and economic pressures, especially handicraft workshops, old artisans, or traditional service providers (including mother of pearl workshops, workshops producing brooms or chalk from natural raw materials, and tailors).
- The high demand and presence of low-quality imported products in the Egyptian markets replaces the demand on local crafts'.
- Workshops that opened after 2011 were often car or metal workshops that have no heritage values; they are sometimes associated to bad environmental conditions or disturb the movement in the open public space.
- Legislations that sometimes endanger the sustainability of local crafts in the area; including Law 453/1954, which is considered a reference for authorities that are responsible for issuing permits for workshops and industrial units.
- *Proximity to the al-Sayeda Aisha Market*

10. Crafts Study Recommendations

- Involving governmental institutions in the protection of crafts in Historic Cairo. It is important to encourage stakeholders concerned with the management of Historic Cairo⁴³ to adopt principles for the protection of handicrafts and compatible production activities as a part of the intangible heritage of the World Heritage property. This should include:
 - Acknowledging local crafts as a living tradition; also, as an important tool for income generation, job creation, as well as community and youth empowerment;
 - Adjusting legislations that affect or endanger the livability of crafts and compatible economic activities in the site;⁴⁴

⁴³ Including MoA, the Governorate of Cairo, and NOUH (MoC)

⁴⁴ Egyptian Law 453/1954 regulates industrial and commercial shops forming a source of inconvenience and deemed hazardous to the public health. It includes regulations set to identify streets and areas, where permissions could be issued for commercial shops and industrial units forming a source of inconvenience. These are classified into the following categories: Category 1 includes heavy industries, factories and workshops (117 types), which should take place in industrial areas outside the residential areas. Category 2 includes light industries, small workshops and storages, which don't disturb much and don't cause damages in residential areas. Permissions could be issued for this category after applying certain regulations. Category 3 includes commercial shops and small-scale workshops that don't use machinery, therefore don't form a source of inconvenience to the public health and are allowed in residential areas.

- Developing regulations for the protection of local crafts and artisans in Historic Cairo;
- Creating a special unit with a clear strategy for the protection of crafts and artisans in Historic Cairo.⁴⁵ The task of the unit should include:
 - Developing an inventory on crafts' sectors⁴⁶ and master artisans that should be regularly updated;
 - Developing a strategy to revive the various building crafts that are currently endangered;
 - Assisting workshops to adjust/legalize their official registration status;⁴⁷
 - Mentoring artisans, and launching business development and financial services for workshops in the site;
 - Providing certification and incentives for outstanding crafts workshops in the World Heritage property;
 - Improving environmental conditions and safety measures in the workshops;

The revision of the categories mentioned in this law is required for workshops located in Historic Cairo.

⁴⁵ As part of the technical unit that should be established for the management of the World Heritage property.

⁴⁶ The GIS developed by the URHC project in 2014 on crafts in the Action Project area could serve as a base for this inventory.

⁴⁷ Especially workshops that are compatible to the area and have at least fair environmental conditions.

- Providing certification and incentives for workshops that manage to follow environmental and safety regulations;
- Building the capacity of Civil Society Organizations (CSOs) that could play a role in sustaining crafts and other heritage values in Historic Cairo;
- Creating recycling unit(s) for workshops wastes (or non product outputs) in selected locations in the historic city;⁴⁸
- Relocating workshops that are not compatible with the urban fabric⁴⁹ and/or disturb the movement in the public space to appropriate locations.⁵⁰
- Initiating a label for handicrafts produced in Historic Cairo, which ensure quality standards and are developed under appropriate environmental and working conditions;
- Establishing partnerships with development agencies and Corporate CSR programs for the implementation of

activities related to crafts protection and development in the site.

- Safety regulations for crafts in Historic Cairo:
 - Workshops and industrial units should have basic safety measures, including fire extinguishers, accessible water sources, and first aid equipment;
 - Awareness on safety issues and support should be regularly provided to local craftsmen;
 - The environmental conditions of workshops should be followed up and regularly certified to avoid air pollution and fire hazards in the site;
 - No chemical/petrochemical workshops should be allowed in the historical urban fabric;
 - Fire trucks that can operate in narrow streets should be available in accessible locations close to areas with high concentrations of production and commercial activities;
- Recommendations concerning the Action Project area:
 - Revitalizing streets with concentrations of workshops,⁵¹ taking into consideration the street's scale in relation to the users; i.e. streets with crafts' concentrations inside the residential urban fabric should be revitalized without intruding the privacy of the local

⁴⁸ This should be easily accessible and include trained calibres, spaces for sorting, storage, and processing, and safety measures

⁴⁹ Taking into consideration criteria used for measuring the compatibility a crafts to the area, explained previously in the report

⁵⁰ Such as car workshops in the residential urban fabric or those disturbing the pedestrian/vehicular movement in some streets.

⁵¹ These include al-Rakeeba Street in Darb al-Hosr, which is the continuation of al-Qasaba leading to the southern cemeteries; Bab al-Wada'a Street to the north of al-Hattaba, which links Historic and Downtown Cairo to other areas of the metropolis; and al-Dohdera Street inside the urban fabric of al-Hattaba.

community, while those that are mainly used by visitors or people from other districts could be revitalized with crafts activities addressing a broader scope of users;

- The rehabilitation of public/semi-public spaces in the area that are used by craftsmen for production activities or that could be developed in relation to crafts activity;
- In some locations in the Action Project area,⁵² vacant plots/ruins can be redeveloped and historical buildings can be rehabilitated including activities related for crafts;⁵³
- Establishing an artisan centre in the Action Project area that provides information to visitors on local crafts. This should include a showroom, and spaces for temporary exhibitions and meetings. Moreover, it could be associated to studios and ateliers for contemporary artists/designers that work in collaboration with local craftsmen;
- Establishing a crafts' business development centre in the Action Project area,⁵⁴ which provides education and technical training on

crafts for the local community,⁵⁵ as well as capacity building and business development services for craftsmen in the area;

- Developing and strengthening the role of the Replicates Production Centre that exists in the lower part of the Citadel.⁵⁶ This has the potential to benefit from experienced local artisans and provide technical training and job opportunities for craftsmen and young people in the area. This could be affiliated to an accredited program on crafts and design in cooperation with an academic institution or a cultural organization;
- Providing appropriate outlets for local crafts inside the Citadel; also, designing and rehabilitating a special crafts' route for visitors of the Citadel,⁵⁷ in order to introduce handicrafts' workshops to visitors as part of the site's living traditions.

⁵² See URHC maps that include the overlap between the proposed building transformations and the outcomes of the crafts study

⁵³ For the example in the area al Hattaba, the historical sabil of Khatkhuda and the adjacent vacant plots/ruins; also, the madrasa of Shaheen, an unlisted historical building located close to the Citadel gate, can be reused for crafts activities.

⁵⁴ The centre could provide marketing, networking services, microfinance, and fundraising opportunities for local artisans

⁵⁵ This includes women and youth living in the Action Project area.

⁵⁶ The Replicates Production Centre is affiliated to the Egyptian Ministry of Antiquities (MoA)

⁵⁷ This could be part of the strategy aimed at reconnecting the Citadel with the surrounding neighborhoods through Bab al-Wada'a gate that opens towards the Citadel Square and Bab al-Gadid gate that opens towards the area of al- Hattaba.



11. Annexes

- 11.1 The Survey Form
- 11.2 Thematic Maps of the Crafts Study

11.1 The Survey Form

GIS survey form | Workshops/Industrial Units | Urban Regeneration Project for Historic Cairo | URHC

1. General Information

١. بيانات عامة

ID Quism كود القسم	ID Shiakha كود الشياخة	ID Building كود المبنى	ID Workshop كود الورشة
Date of survey تاريخ المسح	Name of the surveyor إسم المساح		

الموقع Location	
Street name: إسم الشارع	Building number: رقم العقار
Shiakha name: إسم الشياخة	Quism name: إسم القسم
Workshop/industrial unit's name: إسم الورشة/الوحدة الإنتاجية	

موقع الوحدة بالنسبة للواجهة الرئيسية للمبنى* Location of unit in relation to the building's main Façade*	
<input type="checkbox"/> ground floor (front) دور أرضي (أمامي)	<input type="checkbox"/> ground floor (side) دور أرضي (جانبي)
<input type="checkbox"/> ground floor (back - inside) دور أرضي (خلفي- داخلي)	<input type="checkbox"/> upper floor دور علوي
<input type="checkbox"/> whole building المبنى بالكامل	<input type="checkbox"/> outside/open space خارجي/ فراغ خارجي

المرجع* Reference*	
<input type="checkbox"/> district registers سجلات الحي	<input type="checkbox"/> CAPMAS جهاز التوعية والإحصاء
<input type="checkbox"/> URHC buildings survey 2013 المسح الميداني للمباني الخاص بالمشروع ٢٠١٣	<input type="checkbox"/> other studies دراسات أخرى

الملكية Ownership	
owner's name: إسم المالك	
manager name: إسم مدير الوحدة	
Date of establishment: تاريخ الإنشاء	<input type="checkbox"/> Up to 60 th <input type="checkbox"/> 70 th – 80 th <input type="checkbox"/> 90 th - 2010 <input type="checkbox"/> After 2011

<input type="checkbox"/> space owned الوحدة تملك	<input type="checkbox"/> space rented الوحدة مؤجرة
---	---

Please fill in the following part in case of rent:

<input type="checkbox"/> old rent applied (Law 49/1977) الوحدة يطبق عليها قانون الإيجار القديم	<input type="checkbox"/> new rent applied (Law 4/1996) الوحدة يطبق عليها قانون الإيجار الجديد
---	--

حالة التسجيل Registration Statue	
<input type="checkbox"/> registered مسجل	<input type="checkbox"/> not registered غير مسجل
Registration date: تاريخ الترخيص	
Registration nr: رقم الترخيص	
Activity type according to registers: نوع النشاط	

* multiple choice

Page 1 of 6

GIS survey form | Workshops/Industrial Units | Urban Regeneration Project for Historic Cairo | URHC

Did the workshop/industrial unit change the type of its registered activity?

هل تم تغيير نشاط الورشة المسجل بالحي؟

<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
-------------------------------------	-----------------------------------

2. Workshop/Industrial Unit Information

٢. بيانات خاصة بالورشة/الوحدة الإنتاجية

<input type="checkbox"/> individual unit وحدة مستقلة	<input type="checkbox"/> activity inside house/open space النشاط يتم داخل منزل / فراغ مفتوح
---	--

Workshop/industrial unit type* نوع الورشة/الوحدة الإنتاجية*

سيارات* Cars*		
<input type="checkbox"/> denting and painting سمكرة - دهانات	<input type="checkbox"/> mechanics and electric مكتيكا - كهرباء	<input type="checkbox"/> car's upholstery سروجي
<input type="checkbox"/> others أخرى		

كيمياويات/بتر وكيمياويات* Chemicals/Petrochemical*		
<input type="checkbox"/> cosmetics/medical supplies مستحضرات تجميل/أدوية طبية	<input type="checkbox"/> detergents منظفات	<input type="checkbox"/> plastics بلاستيك
<input type="checkbox"/> oils زيت	<input type="checkbox"/> rubbers مطاط	<input type="checkbox"/> other أخرى

مواد غذائية* Food*		
<input type="checkbox"/> bakery فرن	<input type="checkbox"/> coffee grinding مطاحن بن	<input type="checkbox"/> dairy products/ice cream أيس كريم/ منتجات الألبان
<input type="checkbox"/> intestines of animals تصنيع أمعاء الحيوانات	<input type="checkbox"/> juices عصائر	<input type="checkbox"/> pancakes فلطائر
<input type="checkbox"/> pickles مخللات	<input type="checkbox"/> sweets/seeds and nuts حلويات / مسليات	<input type="checkbox"/> others أخرى

أخشاب ونجارة* Carpentry/Wood-work*		
<input type="checkbox"/> arabesque/wood lathing أرابيسك/ خراطة أخشاب	<input type="checkbox"/> doors and windows نجارة باب وشباك	<input type="checkbox"/> engraving/relief carving الحفر على الخشب/ الأوبئة
<input type="checkbox"/> furniture/salon carpenter نجار موبيليا	<input type="checkbox"/> furniture fixing تصليح الموبيليا	<input type="checkbox"/> mother-of-pearls stones تلصيح بالصدف/ الأحجار
<input type="checkbox"/> parquet workshop باركية	<input type="checkbox"/> wood cutting/warehouse تقطيع أخشاب/معلق	<input type="checkbox"/> wood staining/gilding طلاء الأخشاب
<input type="checkbox"/> others أخرى		

جلود* Leather*		
<input type="checkbox"/> leather tanning دباغة الجلود	<input type="checkbox"/> leather products (artificial) منتجات جلد صناعي	<input type="checkbox"/> leather products (natural) منتجات جلد طبيعي
<input type="checkbox"/> shoes/bags repair تصليح أحذية وشط		

معادن* Metals*		
<input type="checkbox"/> copper/brass workshop ورشة نحاس	<input type="checkbox"/> gold/silver products منتجات ذهبية أو فضية	<input type="checkbox"/> fer forge فرفورجية
<input type="checkbox"/> foundries مسابك	<input type="checkbox"/> iron cretil حديد كريتال	<input type="checkbox"/> iron filings برادة حديد
<input type="checkbox"/> lathing خراطة	<input type="checkbox"/> metal casting صب معادن	<input type="checkbox"/> metal doors/window frames إطارات أبواب وشباك معدنية
<input type="checkbox"/> metal furniture أثاث معدني	<input type="checkbox"/> metal welding لحام المعادن	<input type="checkbox"/> processing (cutting, coating) تشغيل معادن (تقطيع، طلاء، إلخ...)
<input type="checkbox"/> smithereens حدادة	<input type="checkbox"/> weapons sharpening سن أسلحة	<input type="checkbox"/> others أخرى

Page 2 of 6

GIS survey form | Workshops/Industrial Units | Urban Regeneration Project for Historic Cairo | URHC

Stones and Marble* أحجار ورخام*

<input type="checkbox"/> marble carving/engraving حفر/ نقش على الرخام	<input type="checkbox"/> marble cutting/processing تقطيع/تشغيل رخام	<input type="checkbox"/> sculptures/statues نحت/ صناعة تماثيل
<input type="checkbox"/> stone carving/engraving حفر/ نقش على الحجر	<input type="checkbox"/> Stone cutting/processing تقطيع/تشغيل حجر	<input type="checkbox"/> tiles بلاط
<input type="checkbox"/> others أخرى		

Textile* منسوجات*

<input type="checkbox"/> carpets سجاد	<input type="checkbox"/> clothes/knitwear ملابس/أكوابو	<input type="checkbox"/> clothes/carpets mending رشة
<input type="checkbox"/> ironing service for clothes مكوي	<input type="checkbox"/> khayameya خيامية	<input type="checkbox"/> upholstery مجدد
<input type="checkbox"/> tailor تريزي	<input type="checkbox"/> others أخرى	<input type="checkbox"/> knotting/cord making عقادة

Others أخرى

<input type="checkbox"/> cardboards and paper الكرتون والورق	<input type="checkbox"/> chandeliers/lighting units الزجاج/وحدات الإضاءة	<input type="checkbox"/> fire extinguishers مطفئات حريق
<input type="checkbox"/> glass/blown glass زجاج/ زجاج منفوخ	<input type="checkbox"/> print-houses مطبعة	<input type="checkbox"/> chalk ملاطش
<input type="checkbox"/> pottery/roof-tiles فخار أو قرميد	<input type="checkbox"/> wax/candles شمع	<input type="checkbox"/> others أخرى

Tools and Equipment نوع الأدوات والمعدات

<input type="checkbox"/> manual يدوي	<input type="checkbox"/> machinery ماكينات	<input type="checkbox"/> mixed مختلط
---	---	---

Shop category (Law 453/1954): فئة الوحدة (وفقا لقانون ١٩٥٣/٤٥٣)

<input type="checkbox"/> Section 1 القسم الأول	<input type="checkbox"/> Section 2 القسم الثاني	<input type="checkbox"/> Section 3 القسم الثالث
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Transportation of material/products أماكن ووسائل نقل الخامات والمنتجات

raw material source* مصدر المادة الخام*	<input type="checkbox"/> district نطاق الحي	<input type="checkbox"/> city-scale/regional نطاق المدينة/القليمي
	<input type="checkbox"/> Historic Cairo القاهرة التاريخية	<input type="checkbox"/> import استيراد
raw material transportation* نقل المادة الخام*	<input type="checkbox"/> manual (ex. carts/trolleys) يدوي (مثل عربات تجر يدويا)	<input type="checkbox"/> cars/pick-up trucks عربات نصف نقل/سيارات
	<input type="checkbox"/> motorbikes دراجات نارية	<input type="checkbox"/> trucks عربات نقل
product destination* نقل المنتج*	<input type="checkbox"/> district نطاق الحي	<input type="checkbox"/> city-scale/regional نطاق المدينة/القليمي
	<input type="checkbox"/> Historic Cairo القاهرة التاريخية	<input type="checkbox"/> Export تصدير
product transportation* نقل المنتج*	<input type="checkbox"/> manual (ex. carts/trolleys) عربات تجر يدويا	<input type="checkbox"/> cars/pick-up trucks عربات نصف نقل/سيارات
	<input type="checkbox"/> motorbikes دراجات نارية	<input type="checkbox"/> trucks عربات نقل

Workshop/Industrial unit category فئة الورشة/ الوحدة الإنتاجية

<input type="checkbox"/> traditional handicraft workshop ورشة يدوية تقليدية/ حرفية	<input type="checkbox"/> local handicraft workshop ورشة يدوية
<input type="checkbox"/> light industrial production إنتاج صناعي باستخدام معدات خفيفة	<input type="checkbox"/> industrial production with heavy machinery إنتاج صناعي باستخدام معدات ثقيلة

GIS survey form | Workshops/Industrial Units | Urban Regeneration Project for Historic Cairo | URHC

3. Physical Environment ٣. معلومات عن البيئة المادية

Rootedness of the activity ارتباط النشاط بالمنطقة

activity exists in the area since (years) النشاط له جنور في المنطقة منذ (عدد سنوات)	<input type="checkbox"/> <10	<input type="checkbox"/> <20	<input type="checkbox"/> 20-40	<input type="checkbox"/> 40-60	<input type="checkbox"/> >60
no. of similar activities in the urban environments وجود أنشطة مشابهة في المنطقة	<input type="checkbox"/> <5	<input type="checkbox"/> 5-20	<input type="checkbox"/> 20-40	<input type="checkbox"/> >40	

in case the activity exists since less than 10 years: في حالة بدء النشاط منذ أقل من 10 سنوات

Reasons for starting the activity in the area* سبب انشغال النشاط*	<input type="checkbox"/> Distance to residence القرب من السكن	<input type="checkbox"/> complementary units in the area وجود وحدات متكاملة	<input type="checkbox"/> space requirements متطلبات المساحة
	<input type="checkbox"/> Rental value قيمة الإيجار	<input type="checkbox"/> Others أخرى	

the workshop/industrial unit supplements others in the area الورشة/الوحدة الإنتاجية مكملة أو مكملة لوحدات أخرى في المنطقة	<input type="checkbox"/> Yes نعم	<input type="checkbox"/> No لا
location of complementary workshops/industrial units موقع الورش/الوحدات الصناعية (المكملة)	<input type="checkbox"/> surrounding streets الشوارع المحيطة	<input type="checkbox"/> district في الحي
	<input type="checkbox"/> Historic Cairo القاهرة التاريخية	<input type="checkbox"/> outside Historic Cairo خارج القاهرة التاريخية

Compatibility of activity to area (according to owner) ملائمة النشاط للمنطقة (من وجهة نظر المالك)	<input type="checkbox"/> good جيد	<input type="checkbox"/> intermediate متوسطة	<input type="checkbox"/> bad سيئ
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Compatibility of activity to area (according to surveyor) ملائمة النشاط للمنطقة (من وجهة نظر المساح)	<input type="checkbox"/> good جيدة	<input type="checkbox"/> intermediate متوسطة	<input type="checkbox"/> bad سيئة
---	---------------------------------------	---	--------------------------------------

Use of public space استخدام الفراغ المفتوح

spread of activities in public space إشغال الأنشطة للفراغ المفتوح	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
use of public space for إستخدام الفراغ المفتوح	<input type="checkbox"/> production activities أنشطة إنتاجية	<input type="checkbox"/> storage تخزين
	<input type="checkbox"/> display of products عرض المنتجات	<input type="checkbox"/> other activities أنشطة أخرى
Duration of use مدة الإستخدام	<input type="checkbox"/> seasonal موسمي	<input type="checkbox"/> part of day جزء من اليوم
	<input type="checkbox"/> whole day طوال اليوم	

activity disturbing the movement/traffic in open space النشاط يعيق الحركة في الفراغ المفتوح	<input type="checkbox"/> no لا	<input type="checkbox"/> partial جزئي	<input type="checkbox"/> yes نعم
--	-----------------------------------	--	-------------------------------------

Workshop/Industrial unit space معلومات خاصة بمساحة الورشة/الوحدة الصناعية

unit size (m ²) حجم الوحدة (متر مربع)	<input type="checkbox"/> < 10	<input type="checkbox"/> 10 – 30	<input type="checkbox"/> 30 – 60	<input type="checkbox"/> > 60
number of floors عدد الأنوار	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> > 3
number of rooms عدد الغرف	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> > 3

GIS survey form | Workshops/Industrial Units | Urban Regeneration Project for Historic Cairo | URHC

space for product display وجود مساحة لعرض المنتجات	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
	<input type="checkbox"/> inside في الداخل	<input type="checkbox"/> outside في الخارج
Closed space for administration وجود مساحة إدارية مغلقة	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
	<input type="checkbox"/> inside في الداخل	<input type="checkbox"/> outside في الخارج
space for services (ex. restrooms, kitchen) (وجود مساحة للخدمات (مثل حمام، مطبخ)	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
	<input type="checkbox"/> inside في الداخل	<input type="checkbox"/> outside في الخارج
storage space مساحة تخزين	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
	<input type="checkbox"/> inside في الداخل	<input type="checkbox"/> outside في الخارج

Infrastructures المرافق	<input type="checkbox"/> available موجودة	<input type="checkbox"/> partially available موجودة جزئياً	<input type="checkbox"/> not available غير موجود
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safety equipment معدات الأمان والحماية	<input type="checkbox"/> available موجودة	<input type="checkbox"/> partially available موجودة جزئياً	<input type="checkbox"/> not available غير موجود
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the owner/worker considers the space appropriate for activity ملائمة الفراغ للنشاط بالنسبة للمالك/العاملين	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
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suitability of workshop space for activity requirement ملائمة فراغ الورشة لمتطلبات النشاط	<input type="checkbox"/> good جيدة	<input type="checkbox"/> intermediate متوسطة	<input type="checkbox"/> bad سيئة
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التقييم البيئي		
Solid waste collection regularly by provider جمع القمامة بانتظام بواسطة متعهد	<input type="checkbox"/> takes place يتم	<input type="checkbox"/> doesn't take place لا يتم

sound pollution وجود مصدر تلوث صوتي	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
air pollution وجود تلوث هوائي	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
presence of environmental hazards (fire, garbage dumps, chemical wastes, etc.) وجود مخاطر بيئية (حريق، مقالب قمامة، نفايات كيميائية، إلخ)	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا

Non Product Output (NPO) وجود نواتج إنتاج	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
Recycling of NPO (إعادة تدوير نواتج الإنتاج)	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا
	<input type="checkbox"/> inside the unit داخل الوحدة	<input type="checkbox"/> outside the unit خارج الوحدة

Evaluation of the environmental condition تقييم الوضع البيئي	<input type="checkbox"/> good جيد	<input type="checkbox"/> intermediate متوسط	<input type="checkbox"/> bad سيء
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GIS survey form | Workshops/Industrial Units | Urban Regeneration Project for Historic Cairo | URHC

4. Human Resources معلومات عن الموارد البشرية

بيانات المالك			
working in the workshop يعمل بالورشة	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا	
residence of the owner سكن المالك	<input type="checkbox"/> inside the district داخل الحي	<input type="checkbox"/> outside Historic Cairo خارج القاهرة التاريخية	
age group المرحلة العمرية	<input type="checkbox"/> 20 – 40	<input type="checkbox"/> 40 – 60	<input type="checkbox"/> > 60
years of experience عدد سنوات الخبرة	<input type="checkbox"/> < 5	<input type="checkbox"/> 5 – 10	<input type="checkbox"/> 10 – 25 <input type="checkbox"/> > 25

Inherited/family craft activity نشاط حرفي عائلي/موروث	<input type="checkbox"/> Yes نعم	<input type="checkbox"/> No لا
--	-------------------------------------	-----------------------------------

total number of workforces عدد العاملين بالوحدة	<input type="checkbox"/> < 3	<input type="checkbox"/> 3-6	<input type="checkbox"/> 6-9	<input type="checkbox"/> > 9
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5. Design and Orders معلومات عن التصميمات والطلبات

مصدر التصميمات* (إن وجد)	
<input type="checkbox"/> inherited/traditional designs تصميمات تقليدية/موروثة	<input type="checkbox"/> provided by clients/designer مقدمة من العميل/مصمم
<input type="checkbox"/> internet/catalogue مأخوذة من الإنترنت/كتالوج	<input type="checkbox"/> others أخرى

أنواع الطلبات*	
<input type="checkbox"/> by consumers من قبل المستهلكين	<input type="checkbox"/> by retailers من قبل تجار التجزئة
<input type="checkbox"/> by intermediary clients من قبل عملاء وسطاء	<input type="checkbox"/> others أخرى

الزبائن*	
<input type="checkbox"/> local clients زبائن من المجتمع المحلي	<input type="checkbox"/> historic cairo زبائن من القاهرة التاريخية
<input type="checkbox"/> tourists سائحون	<input type="checkbox"/> clients abroad/export عملاء بالخارج/تصدير
<input type="checkbox"/> others أخرى	

6. Final Evaluation التقييم النهائي

Overall evaluation of the workshop التقييم الكلي للورشة	<input type="checkbox"/> high عالي	<input type="checkbox"/> good جيد	<input type="checkbox"/> fair مقبول	<input type="checkbox"/> low ضعيف	<input type="checkbox"/> none لا شيء
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7. Remarks ملاحظات

Craft activity endangered النشاط الحرفي في خطر	<input type="checkbox"/> Yes نعم	<input type="checkbox"/> No لا
activity recommended for further investigations يوصى بإجراء دراسة تفصيلية لهذا النشاط	<input type="checkbox"/> Yes نعم	<input type="checkbox"/> No لا
Cooperation of owner/worker in survey تعاون المالك/العامل في ملئ الاستمارة	<input type="checkbox"/> yes نعم	<input type="checkbox"/> no لا

11.2 Thematic Maps of the Crafts Study

INDEX

- Workshops' Locations and IDs
- Date of Establishment
- Workshops' Categories
- Workshops' Types
- Workshops' Clients
- Evaluation Criteria
 - C1: Compatibility of activity to the area
 - C2: Activities disturbing movement in public space
 - C3: Suitability of workshop space
 - C4: Environmental Condition
 - C5: Inherited/family activity
 - Overall evaluation
- Crafts' Workshops Endangered
- Cross Queries
 - Types + crafts endangered
 - Types + workshops that open after 2011
 - Types + environmental hazards
 - Shop category + workshops endangered
 - Shop category + environmental hazards

CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

WORKSHOP LOCATIONS

Al Hattaba

Qism al Khalifa

Workshops location

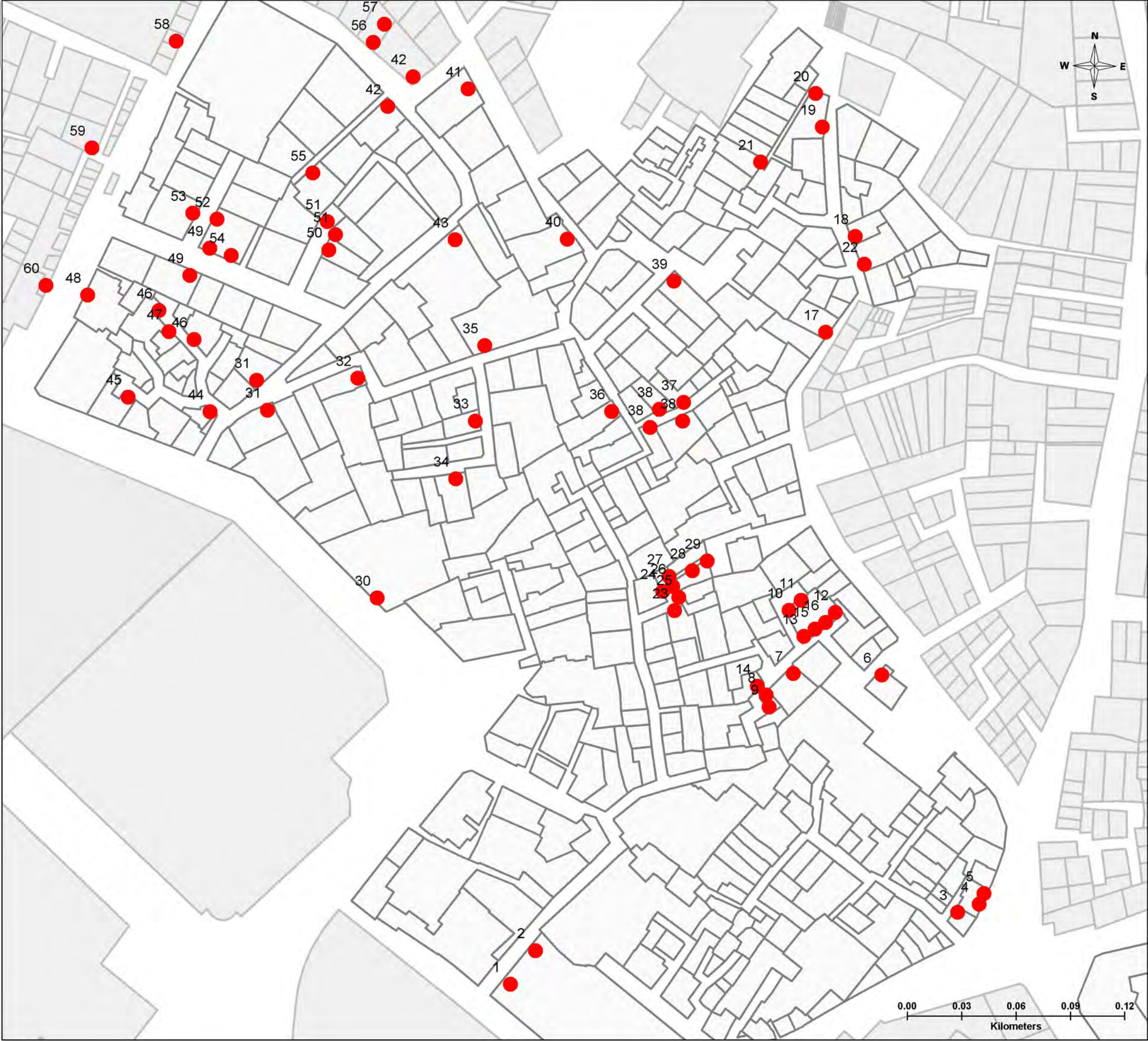
number of surveyed workshops (58)



Al Mahgar
Qism al Khalifa

Workshops location

number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

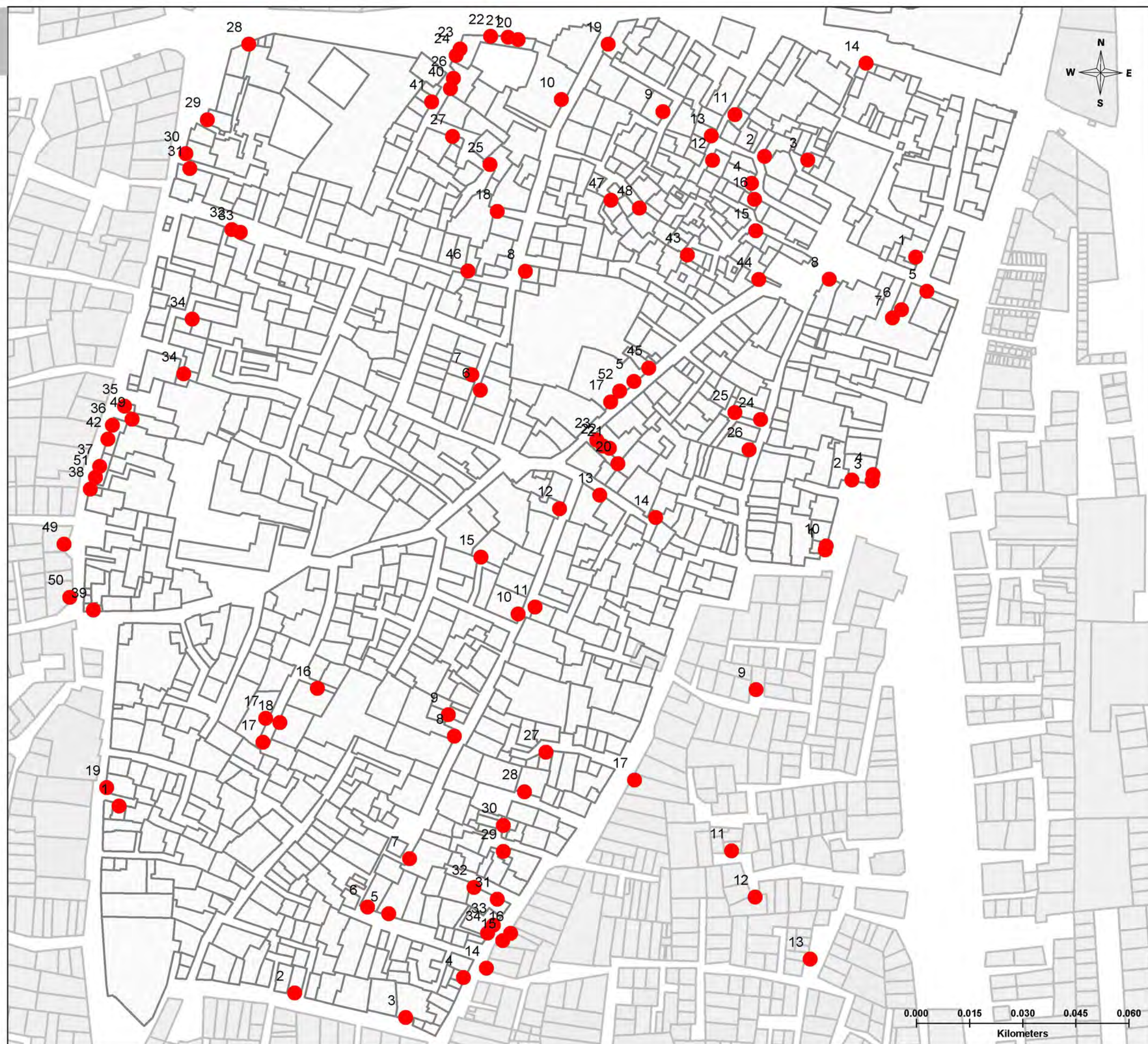
Qism al Khalifa

Workshops location

surveyed workshops in Darb al Hosr (52)

surveyed workshops in al Boqali (17)

surveyed workshops in al Khalifa (34)



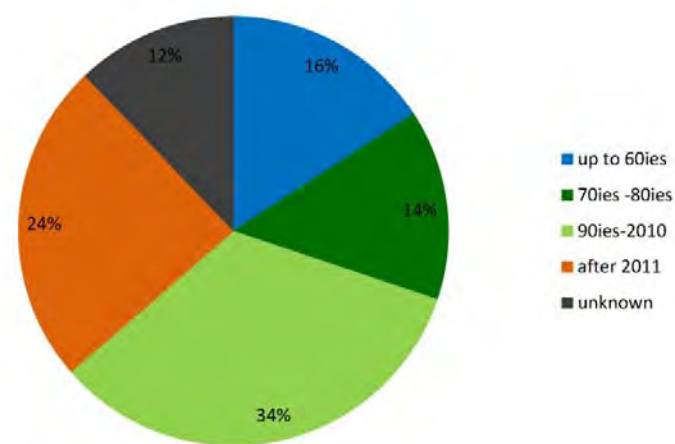
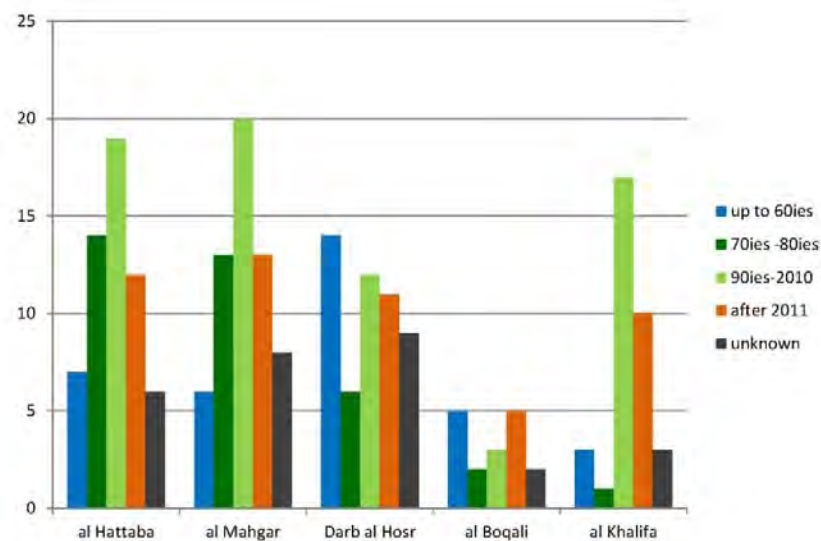
CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

DATE OF ESTABLISHMENT

Date of establishment in the Action Project area



percentage of categories in the surveyed workshops

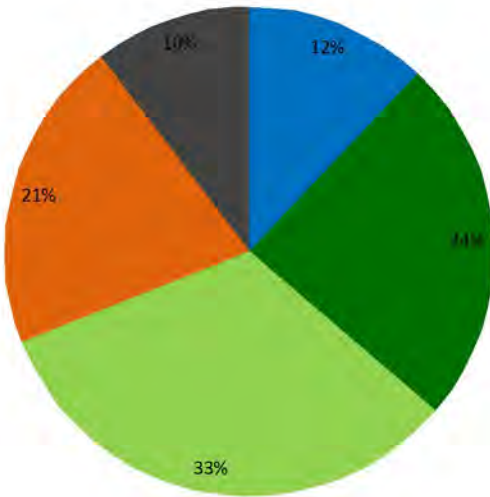
	up to 60ies	70ies -80ies	90ies-2010	after 2011	unknown	total/shyakha
al Hattaba	7	14	19	12	6	58
al Mahgar	6	13	20	13	8	60
Darb al Hosr	14	6	12	11	9	52
al Boqali	5	2	3	5	2	17
al Khalifa	3	1	17	10	3	34
total/category	35	36	71	51	28	221

Al Hattaba

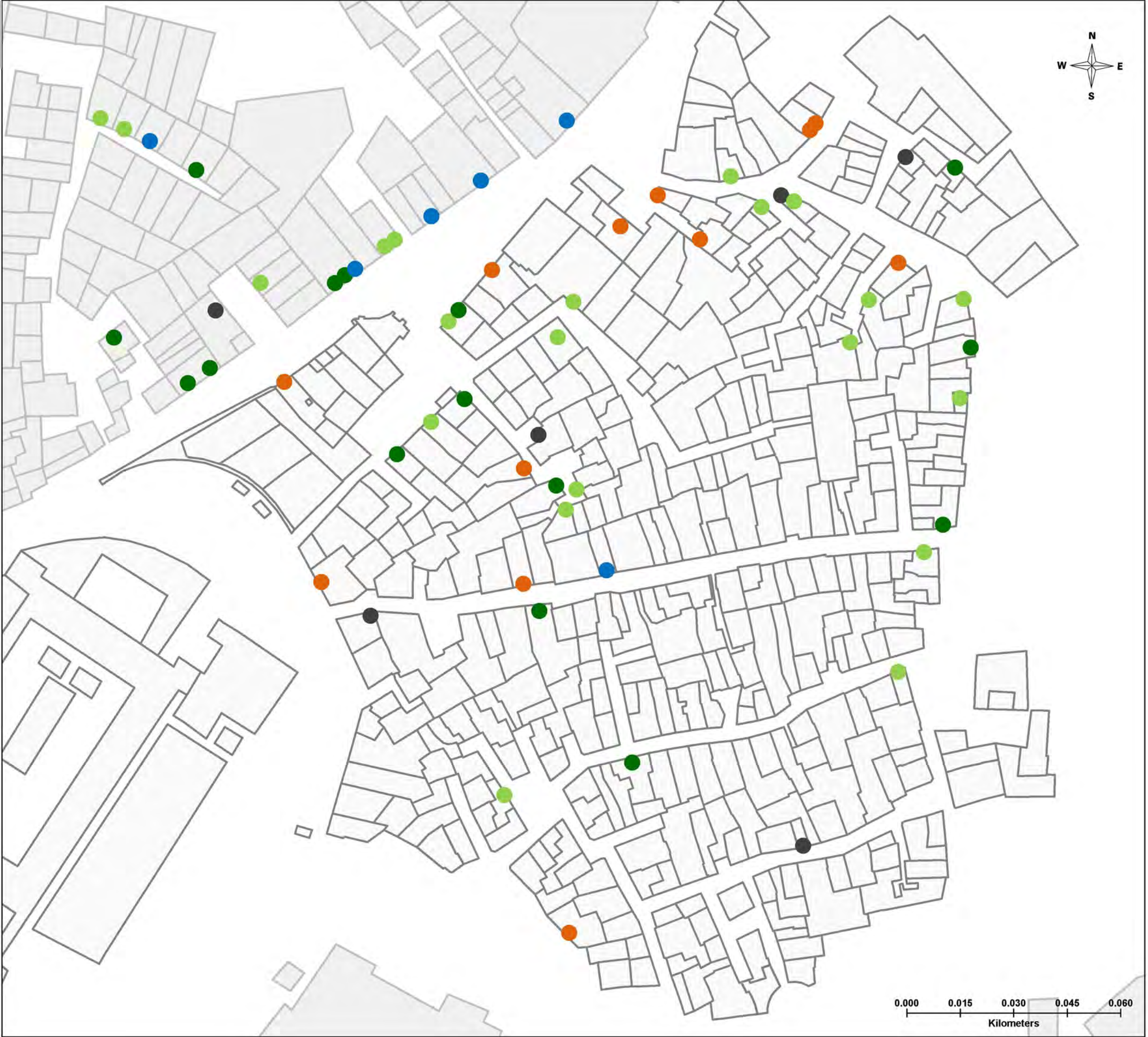
Qism al Khalifa

Date of establishment

- up to 60ies (7)
- 70ies - 80ies (14)
- 90ies -2010 (19)
- after 2011 (12)
- unknown (6)



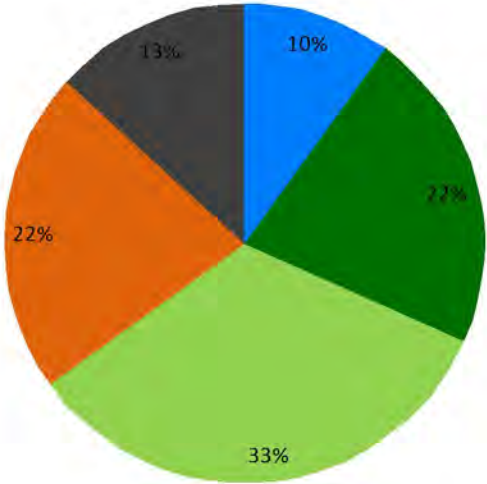
number of surveyed workshops (58)



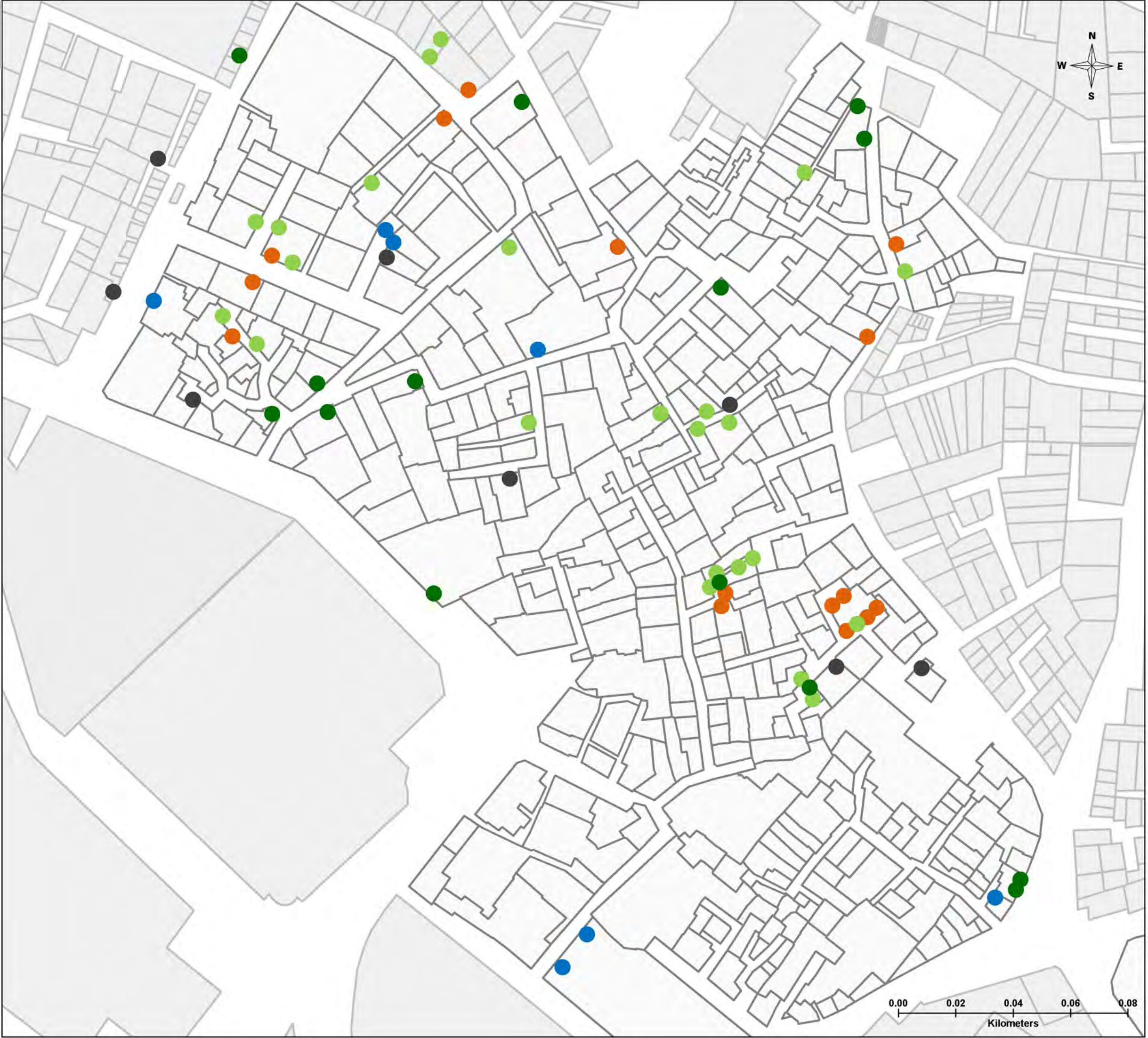
Al Mahgar
Qism al Khalifa

Date of establishment

- up to 60ies (6)
- 70ies-80ies (13)
- 90ies-2010 (20)
- after 2011 (13)
- others (8)



number of surveyed workshops (60)

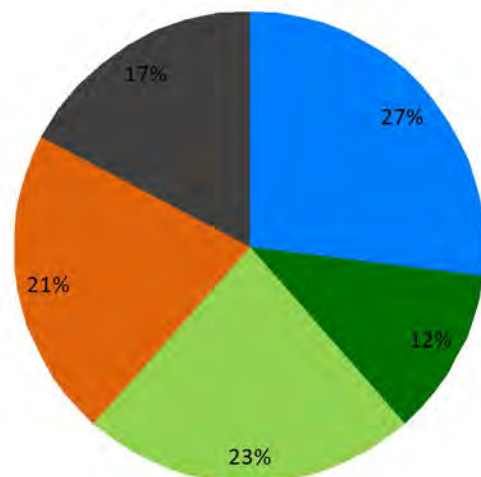


Darb al Hosr

Qism al Khalifa

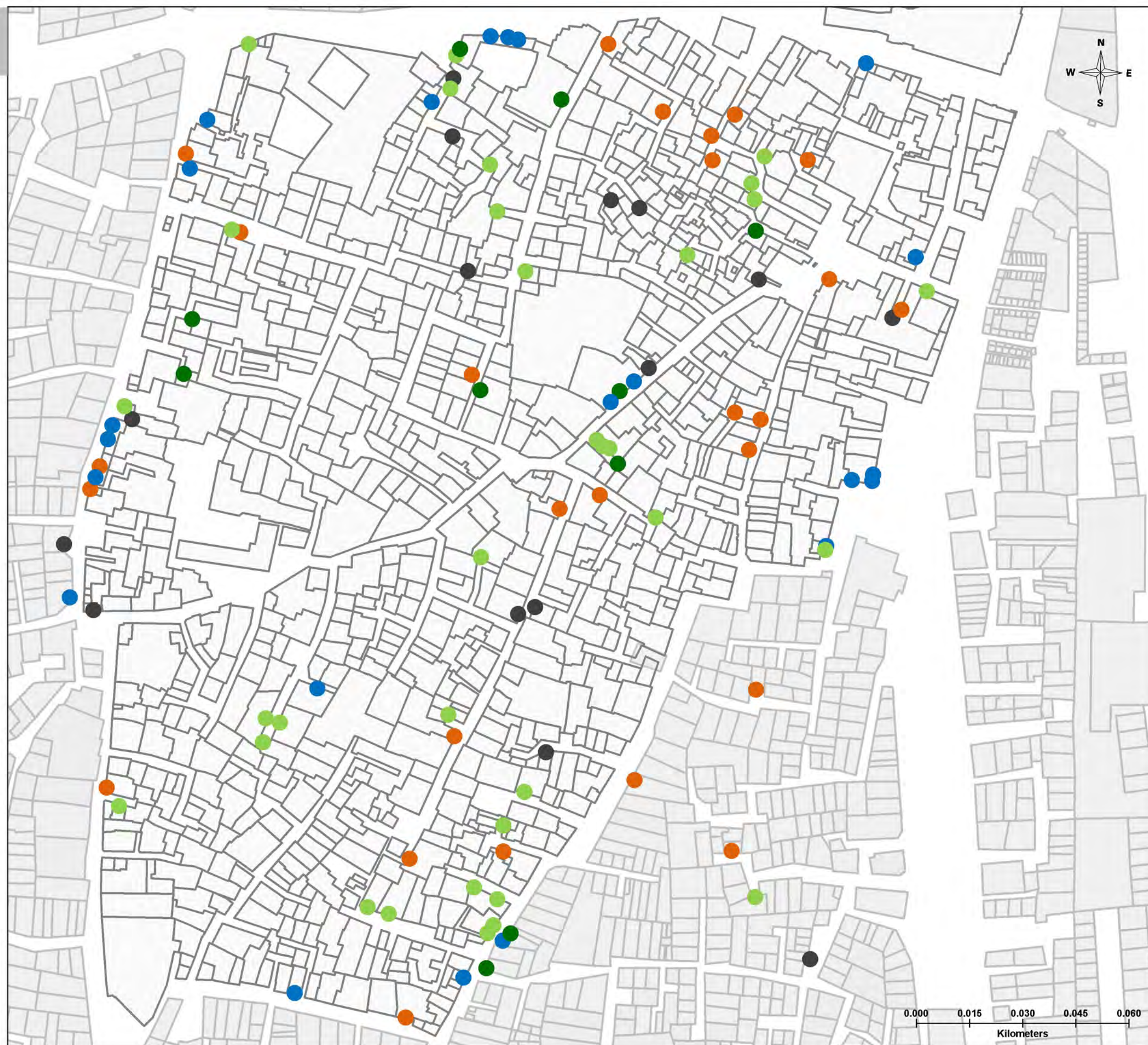
Date of establishment

- up to 60ies (22/103)
- 70ies-80ies (9/103)
- 90ies-2010 (32/103)
- after 2011 (26/103)
- unknown (14/103)



Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

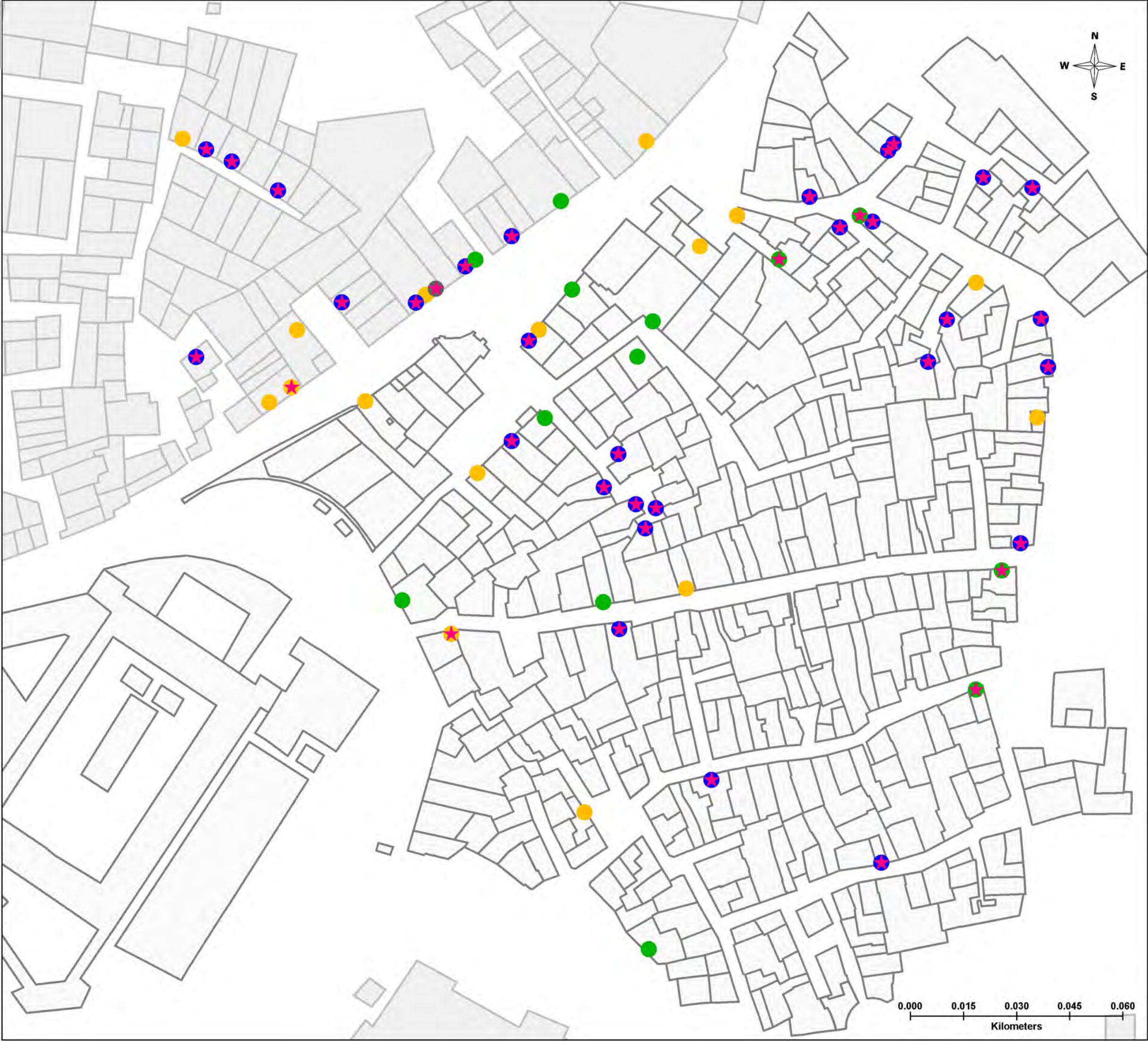
WORKSHOP CATEGORIES

Al Hattaba
Qism al Khalifa

Workshop category

- ★ traditional workshop (37/58)
- industrial/heavy machinery (1/58)
- light industrial production (12/58)
- local handicraft (31/58)
- service provider (16/58)

number of surveyed workshops (58)

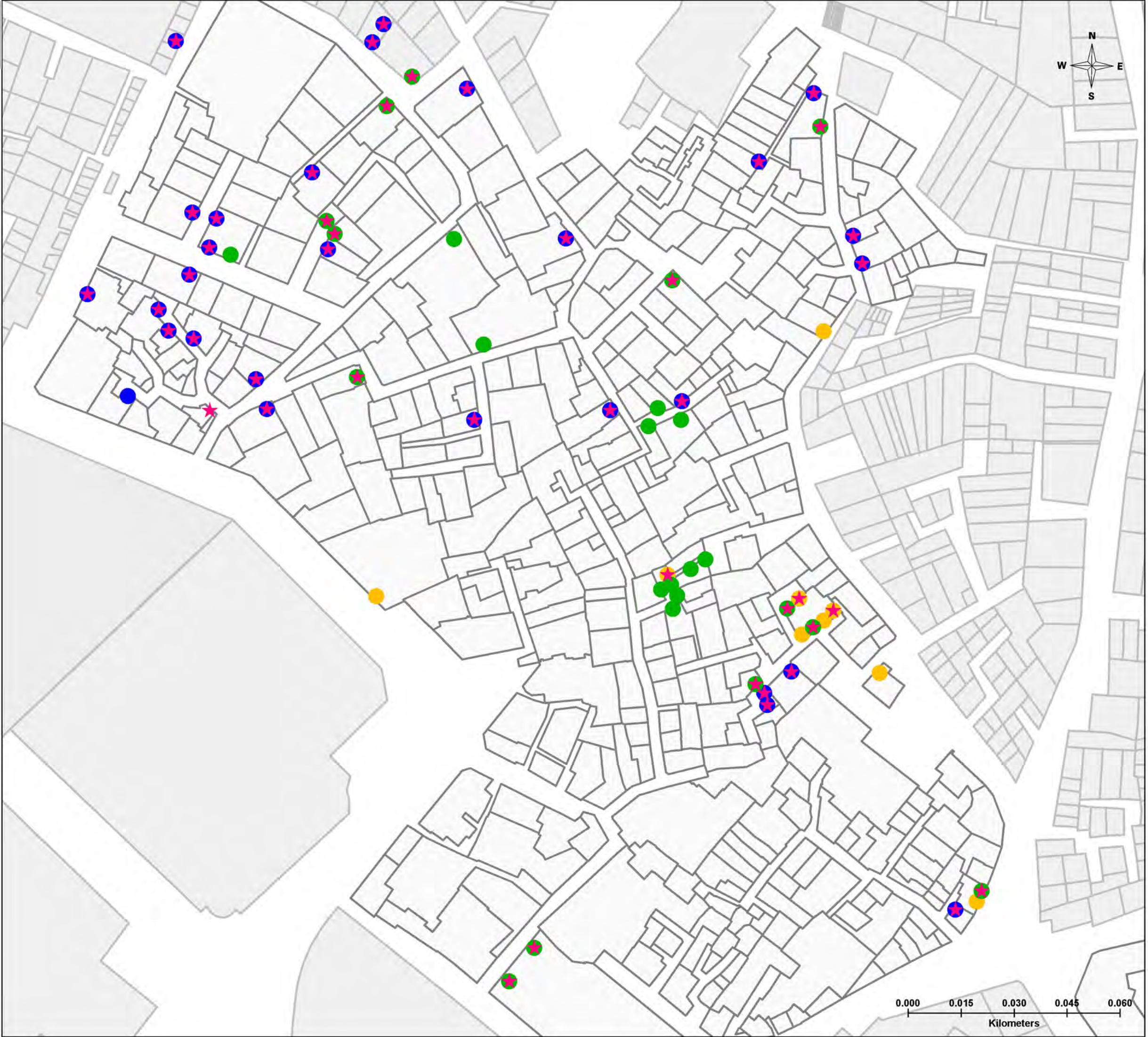


Al Mahgar
Qism al Khalifa

Workshop category

- ★ traditional workshop (39/60)
- industrial/heavy machinery (0/60)
- light industrial production (21/60)
- local handicraft (25/60)
- service provider (9/60)

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

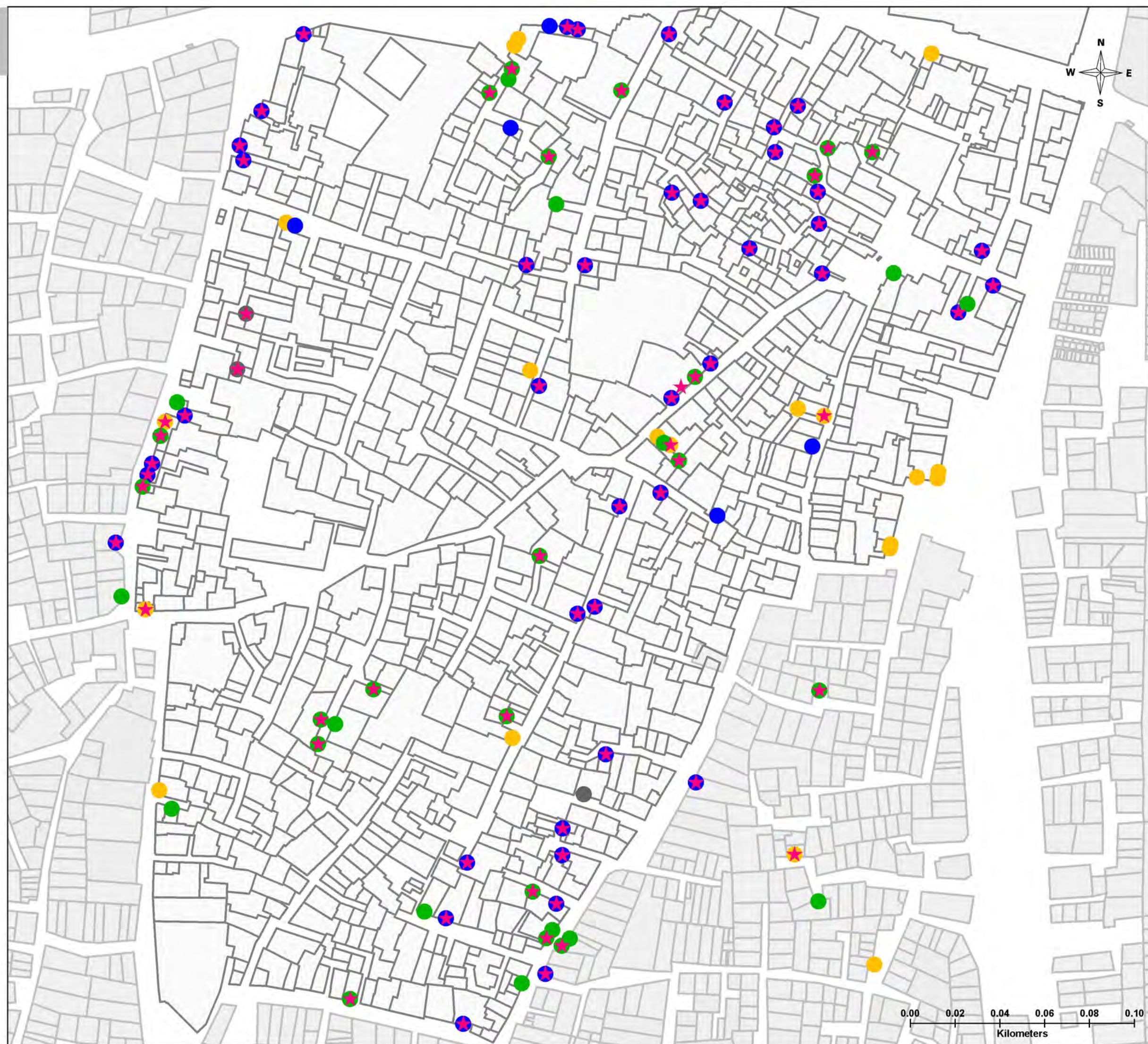
Qism al Khalifa

Workshop category

- ★ traditional workshop (71/103)
- industrial/heavy machinery (2/103)
- light industrial production (34/103)
- local handicraft (47/103)
- service provider (20/103)

Total surveyed workshop in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



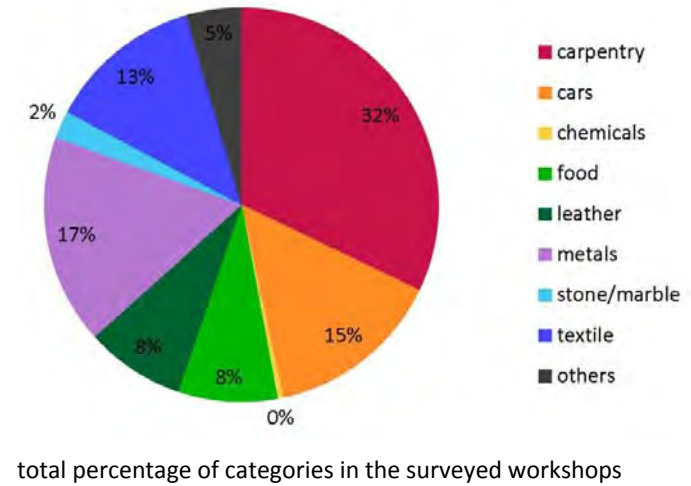
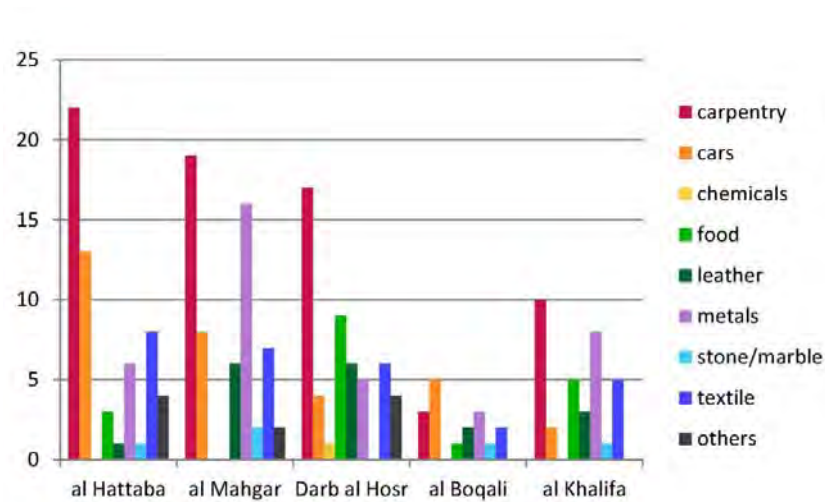
CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

WORKSHOP TYPES

Workshops types in the Action Project area



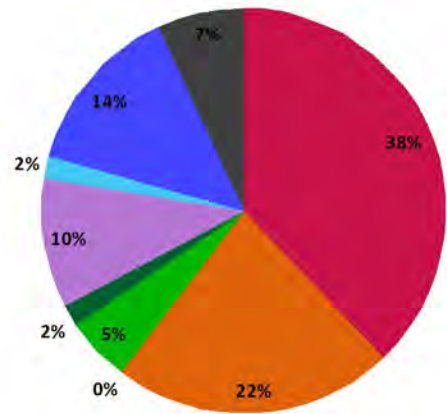
	carpentry	cars	chemicals	food	leather	metals	stone/marble	textile	others	total/shyakha
al Hattaba	22	13	0	3	1	6	1	8	4	58
al Mahgar	19	8	0	0	6	16	2	7	2	60
Darb al Hosr	17	4	1	9	6	5	0	6	4	52
al Boqali	3	5	0	1	2	3	1	2	0	17
al Khalifa	10	2	0	5	3	8	1	5	0	34
total/category	71	32	1	18	18	38	5	28	10	221

Al Hattaba

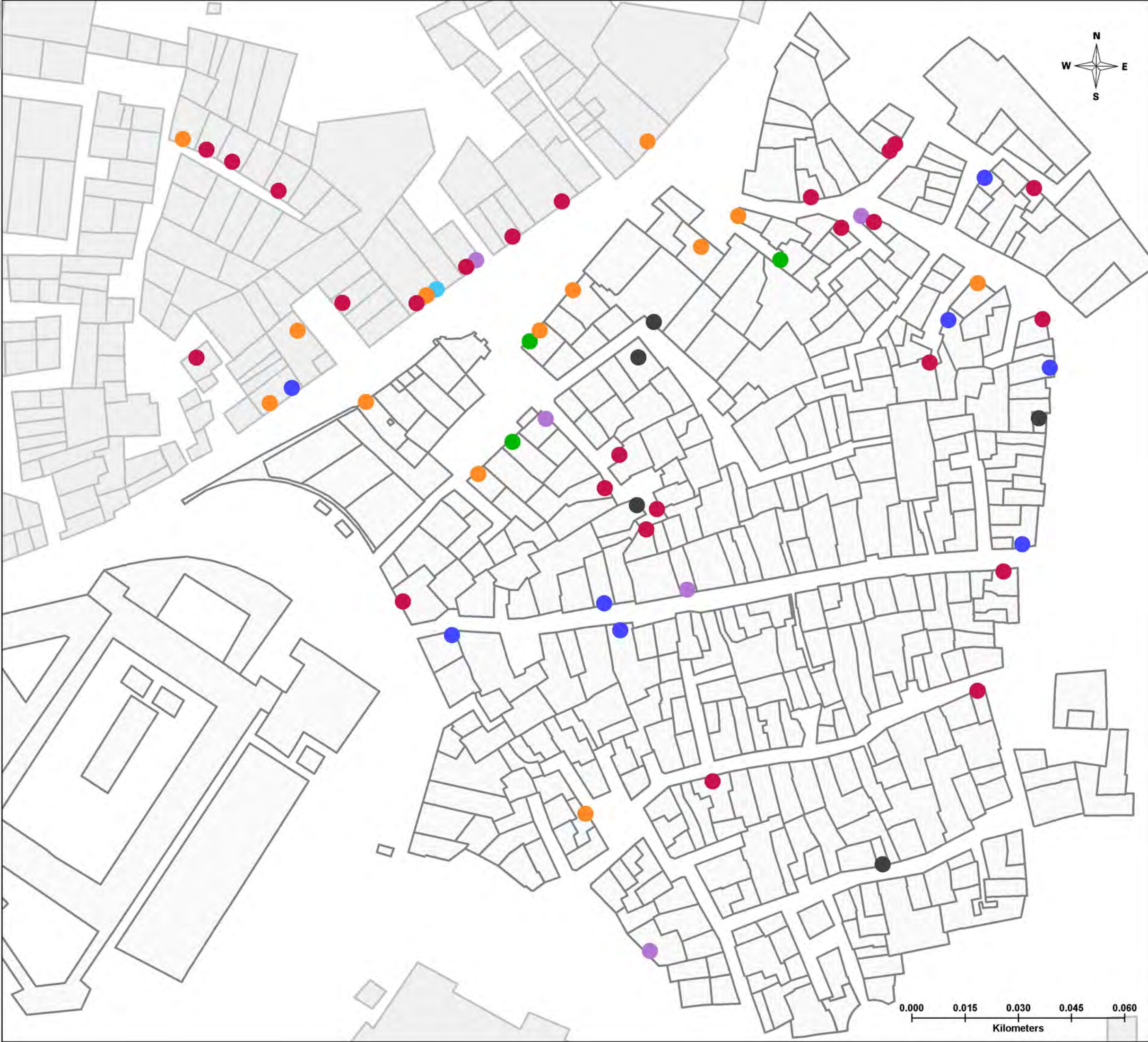
Qism al Khalifa

Workshop types

- carpentry (22/58)
- cars (13/58)
- chemicals (0/58)
- food (3/58)
- leather (1/58)
- metals (6/58)
- stone/marble (1/58)
- textiles (8/58)
- others (4/58)



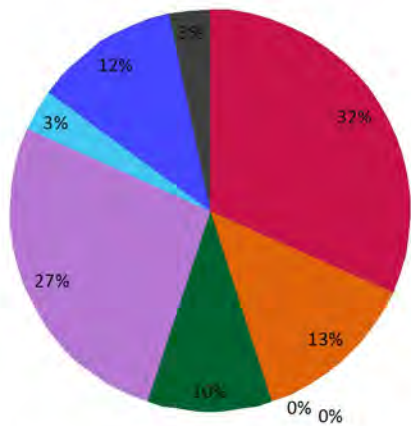
number of surveyed workshops (58)



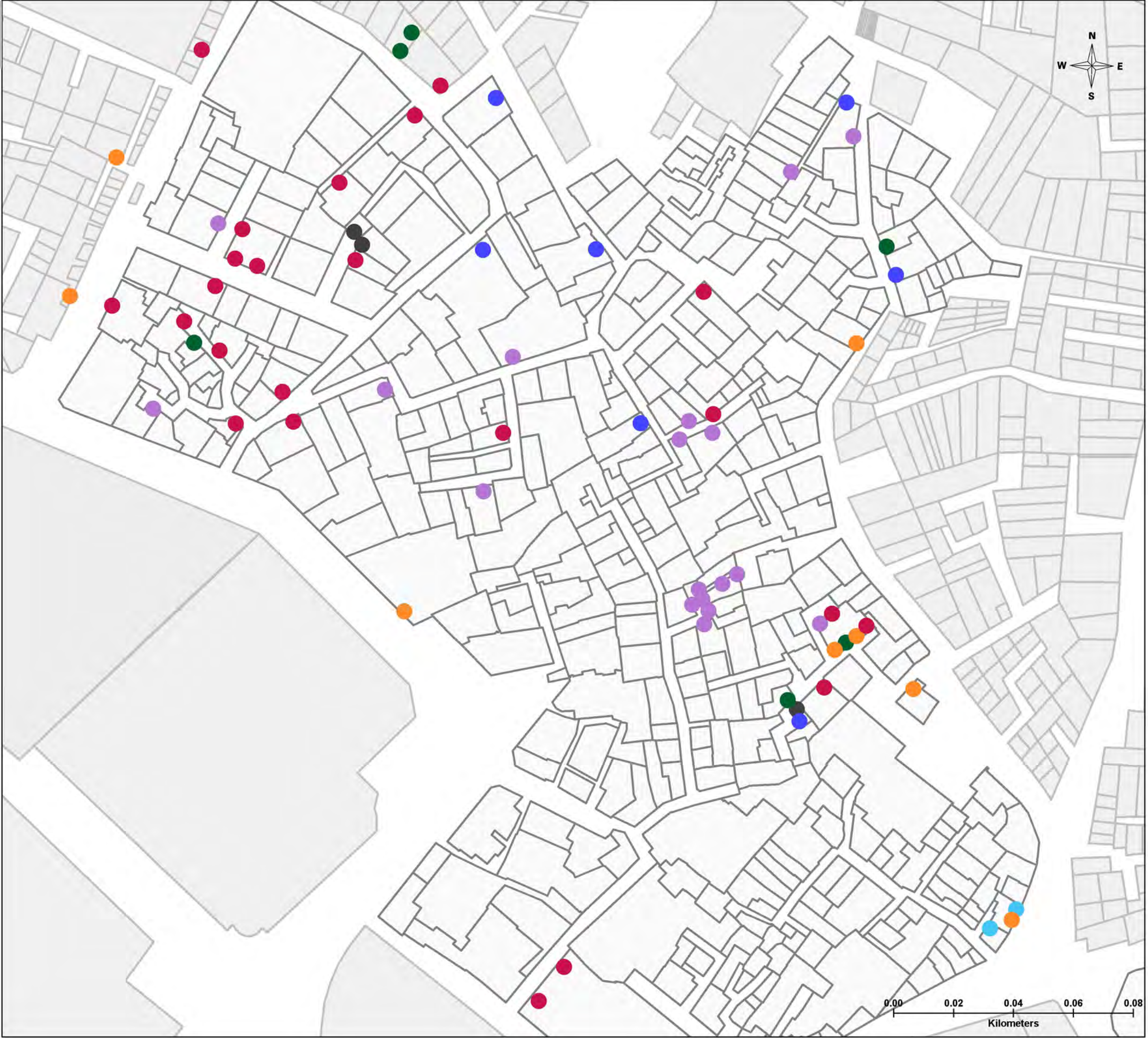
Al Mahgar
Qism al Khalifa

Workshop types

- carpentry (19/60)
- cars (8/60)
- chemicals (0/60)
- food (0/60)
- leather (6/60)
- metals (16/60)
- stone/marble (2/60)
- textiles (7/60)
- others (2/60)



number of surveyed workshops (60)



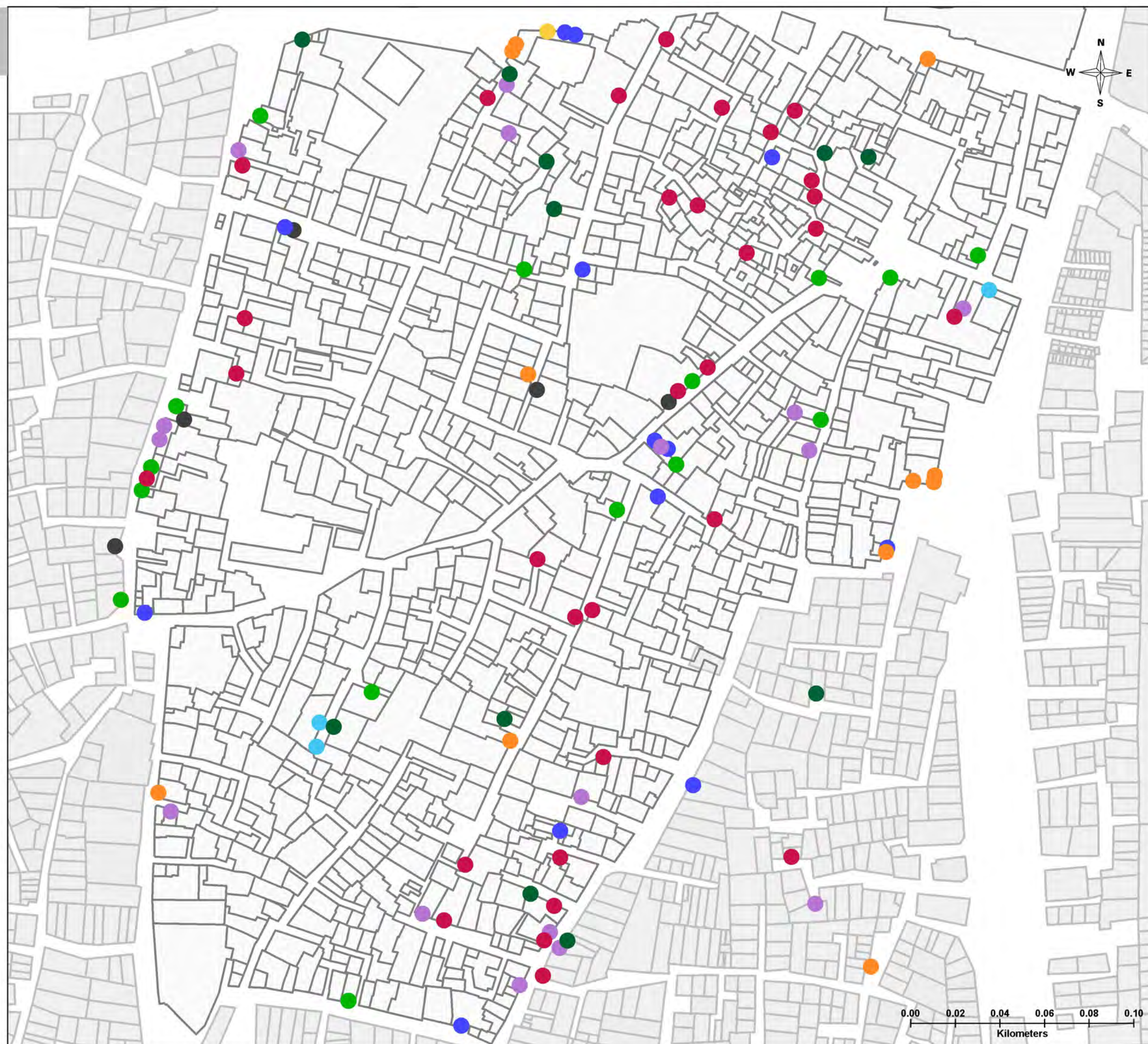
Darb al Hosr
al Khalifa
part of al Boqali
Qism al Khalifa

Workshop types

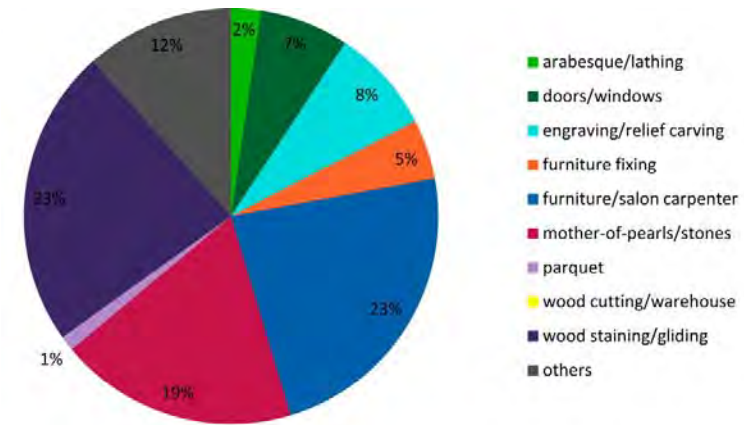
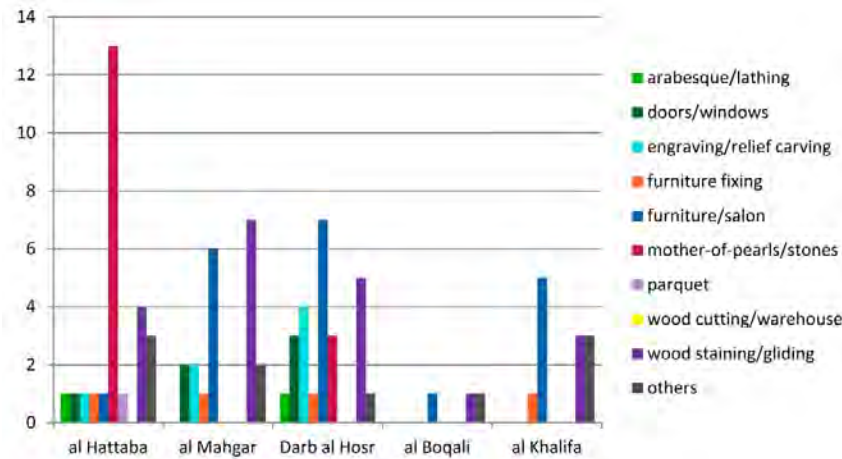
- carpentry (30/103)
- cars (11/103)
- chemicals (1/103)
- food (15/103)
- leather (11/103)
- metals (16/103)
- stones/marble (2/103)
- textiles (13/103)
- others (4/103)

Total surveyed workshop in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



Carpentry/wood-work workshops



category percentage in the surveyed workshops¹

	arabesque/ lathing	doors/ windows	engraving/ relief carving	furniture fixing	furniture/ salon	mother-of- pearls/ stones	parquet	wood cutting/ warehouse	wood staining/ gliding	others	total category/ shyakha	total workshops/ shyakha
al Hattaba	1	1	1	1	1	13	1		4	3	26	22
al Mahgar		2	2	1	6				7	2	20	19
Darb al Hosr	1	3	4	1	7	3			5	1	25	17
al Boqali					1				1	1	3	3
al Khalifa				1	5				3	3	12	10
total/category	2	6	7	4	20	16	1		20	10	86	71

¹ The numbers of the tables and the percentages in the charts correspond to the categories/types of carpentry workshops and not to the number of carpentry workshops surveyed in the crafts study, because the crafts survey form included a multiple choice.

Al Hattaba

Qism al Khalifa

Carpentry workshops

- arabesque/wood lathing (1/58)
- doors and windows (1/58)
- engraving/relief carving (1/58)
- ▲ furniture fixing (1/58)
- furniture/salon carpenter (1/58)
- ★ mother-of-pearls/stones (13/58)
- parquet (1/58)
- wood staining/gliding (4/58)
- others (3/58)

number of carpentry workshops (22)
number of surveyed workshops (58)

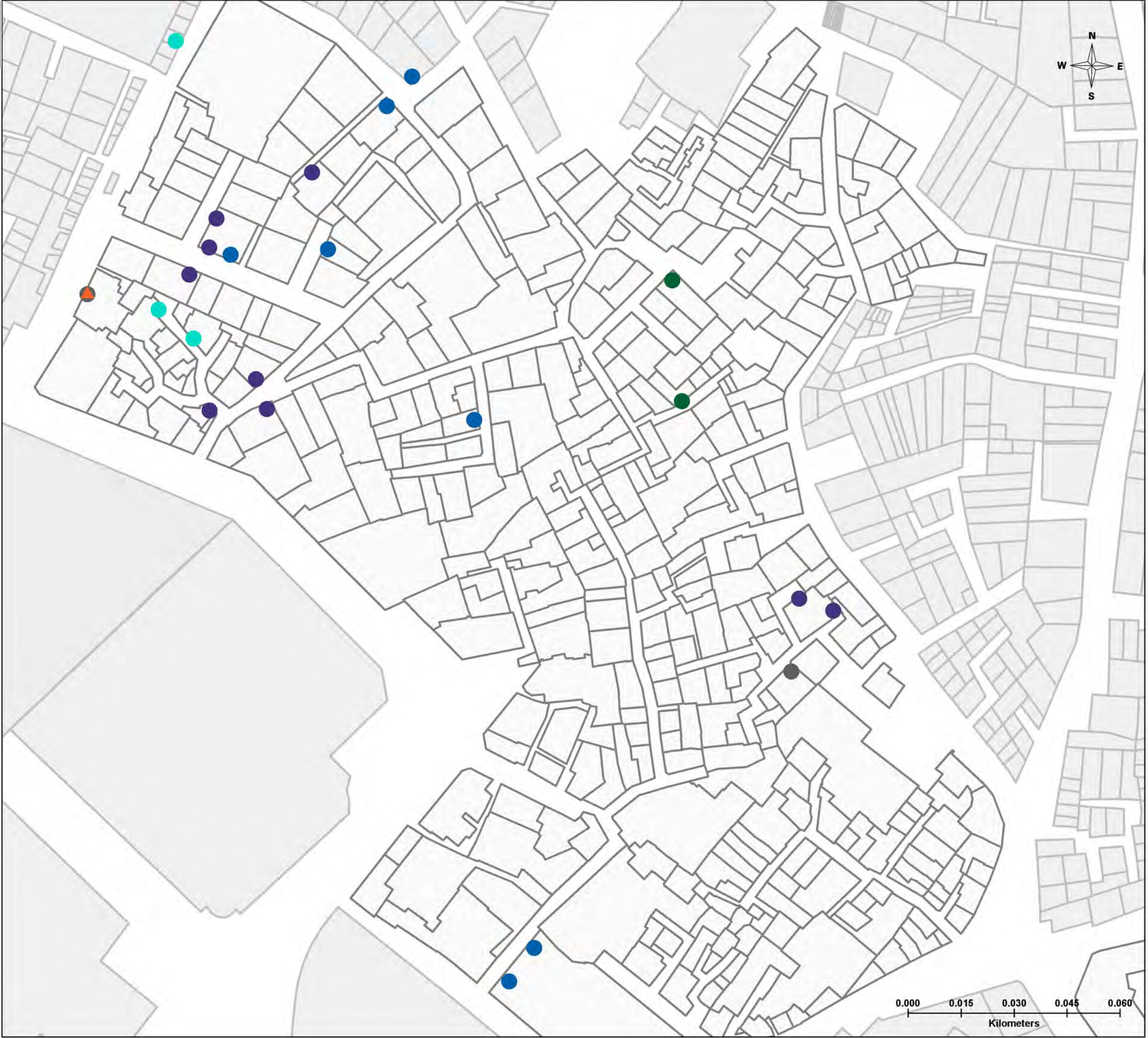


Al Mahgar
Qism al Khalifa

Carpentry workshops

- arabesque/wood lathing (0/60)
- doors and windows (2/60)
- engraving/relief carving (2/60)
- ▲ furniture fixing (1/60)
- furniture/salon carpenter (6/60)
- ★ mother-of-pearls/stones (0/60)
- parquet (0/60)
- wood staining/gliding (7/60)
- others (2/60)

number of carpentry workshops (19)
number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Carpentry workshops

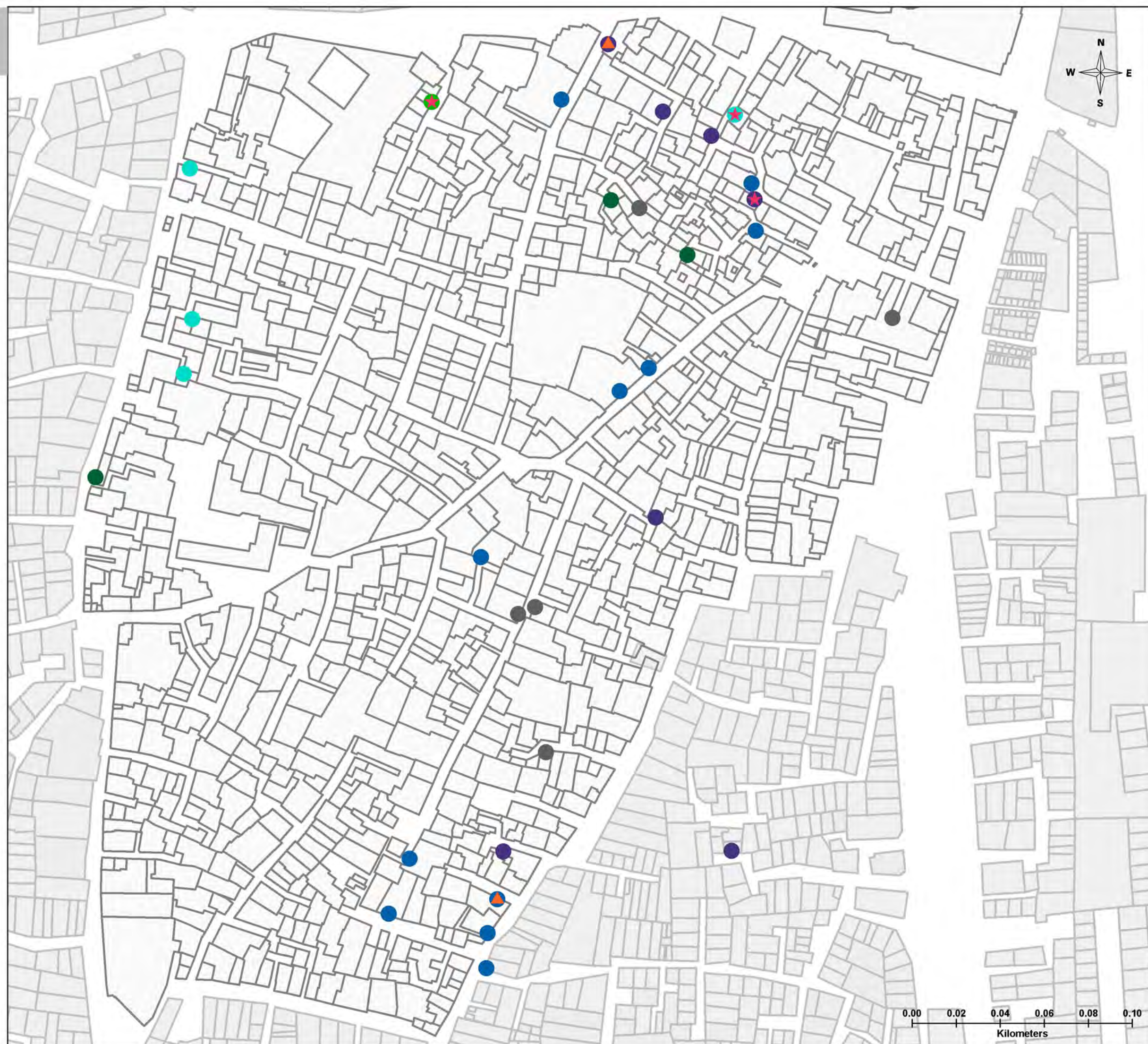
- arabesque/wood lathing (1/103)
- doors and windows (3/103)
- engraving/relief carving (4/103)
- ▲ furniture fixing (2/103)
- furniture/salon carpenter (13/103)
- ★ mother-of-pearls/stones (3/103)
- parquet workshop (0/103)
- wood staining/gliding (9/103)
- others (5/103)

Total surveyed workshops in
Darb al Hosr area (103):

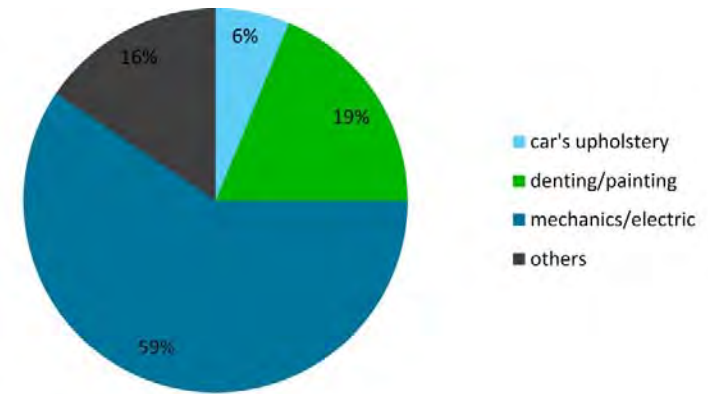
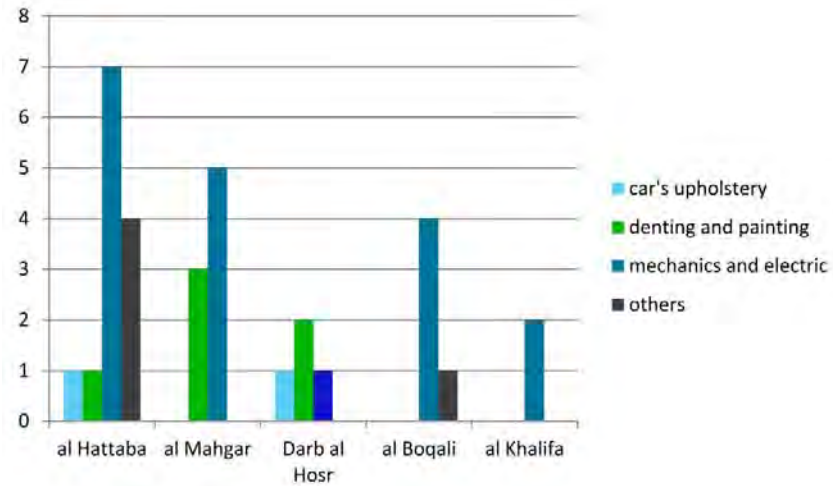
- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

Total carpentry workshops in
Darb al Hosr area (30):

- Shyakha Darb al Hosr (17)
- Shyakha al Boqali (3)
- Shyakha al Khalifa (10)



Cars/motorbikes workshops



category percentage in the surveyed workshop

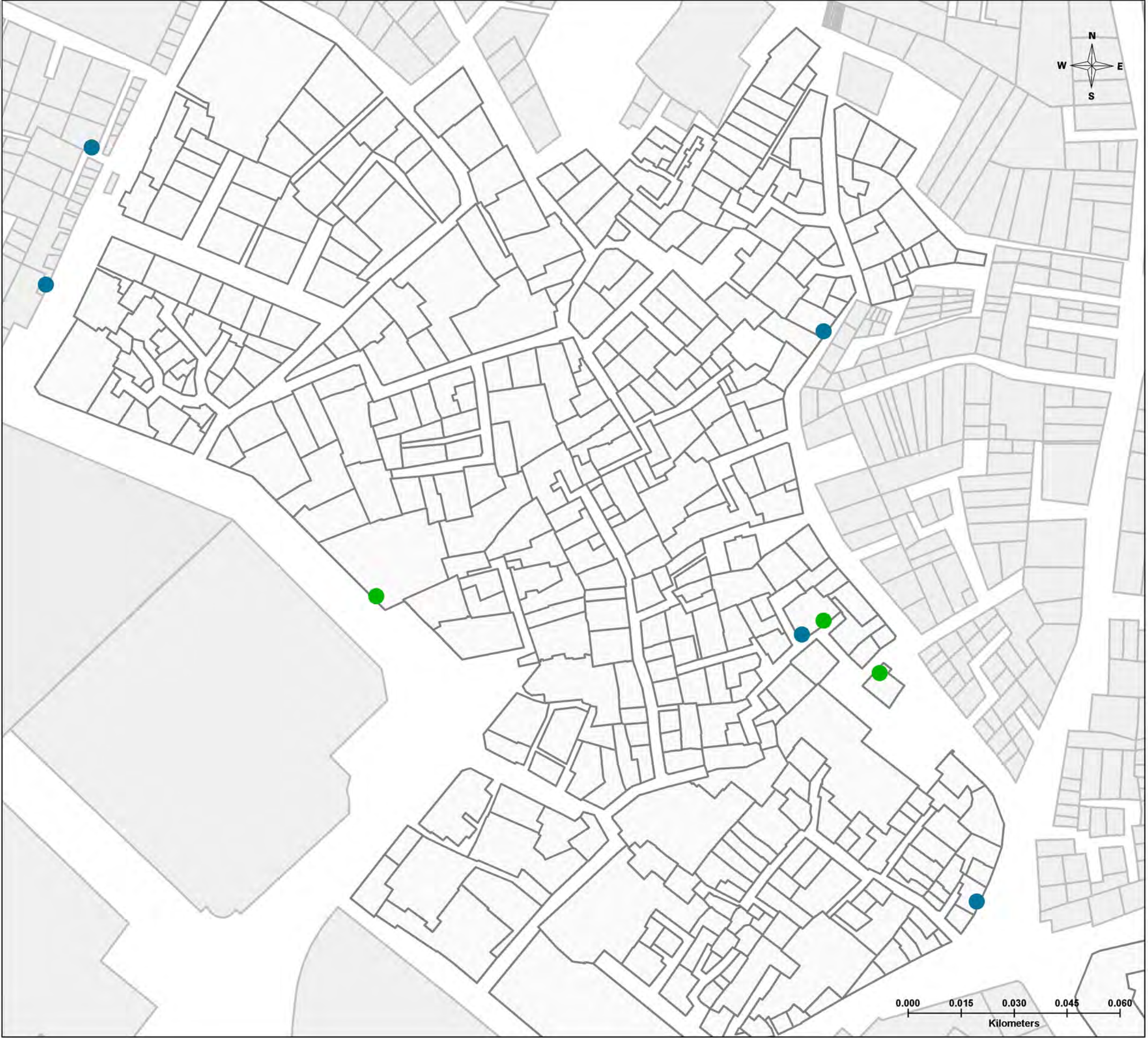
	car's upholstery	denting and painting	mechanics and electric	others	total/shyakha
al Hattaba	1	1	7	4	13
al Mahgar		3	5		8
Darb al Hosr	1	2	1		4
al Boqali			4	1	5
al Khalifa			2		2
total/category	2	6	19	5	32

Al Mahgar
Qism al Khalifa

Car workshops

- car upholstery (0/8)
- denting/painting (3/8)
- mechanics/electric (5/8)
- others (0/8)

number of car workshops (8)
number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Car workshops

- car upholstery (1/10)
- denting/painting (2/10)
- mechanics/electric (7/10)
- others (1/10)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

Total car workshops in
Darb al Hosr area (10):

- Shyakha Darb al Hosr (3)
- Shyakha al Boqali (5)
- Shyakha al Khalifa (2)



Al Hattaba
Qism al Khalifa

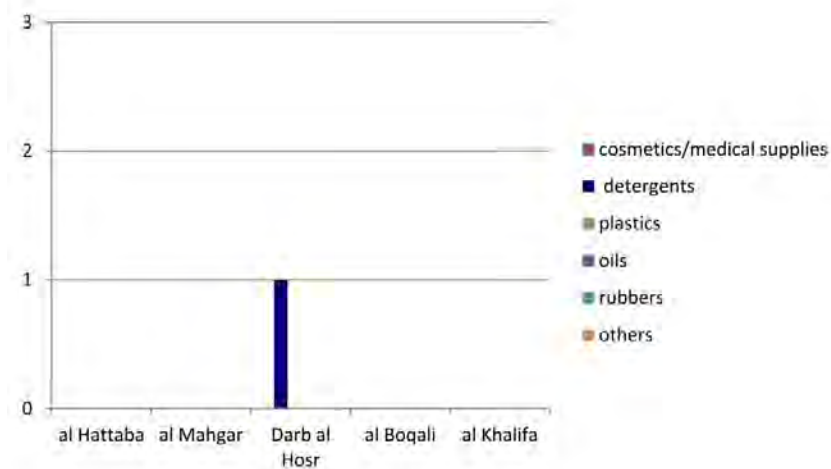
Car workshops

- car upholstery (1/13)
- denting/painting (1/13)
- mechanics/electric (7/13)
- others (4/13)

number of car workshops (13)
number of surveyed workshops (58)



Chemical/petrochemical workshops



	cosmetics/ medical supplies	detergents	plastics	oils	rubbers	others	total/ shyakha	workshops/ shyakha
al Hattaba								
al Mahgar								
Darb al Hosr		1					1	1
al Boqali								
al Khalifa								
total/category		1					1	1

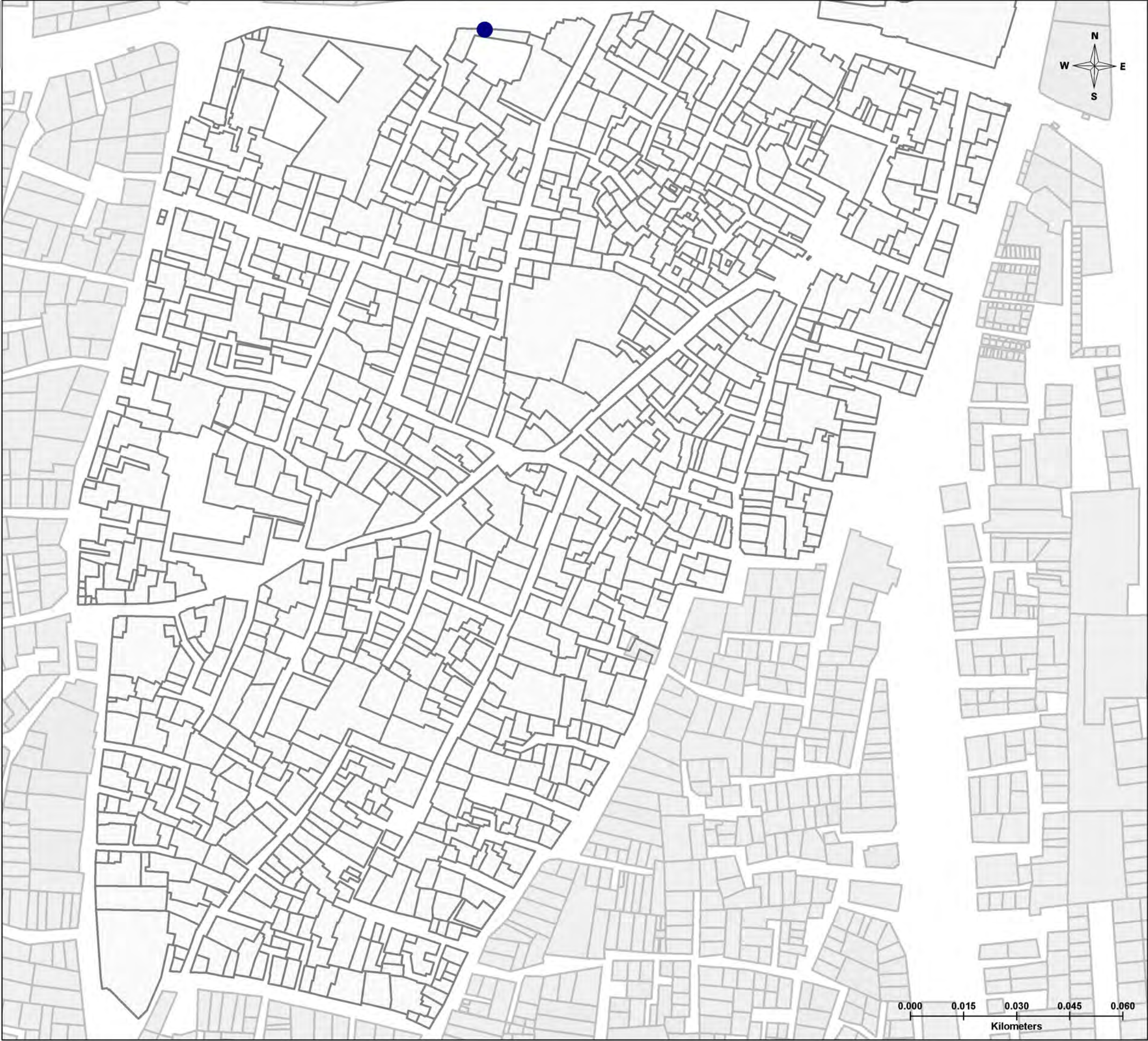
**Darb al Hosr
al Khalifa
part of al Boqali**

Qism al Khalifa

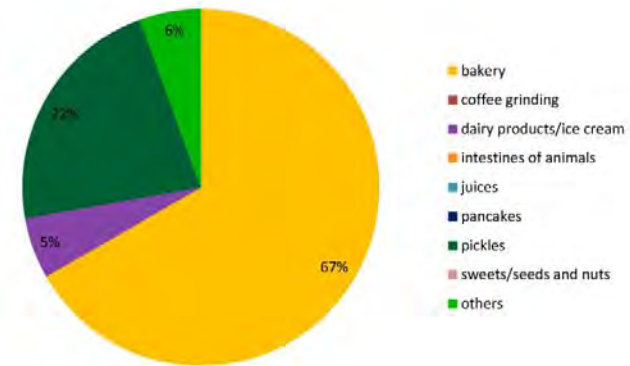
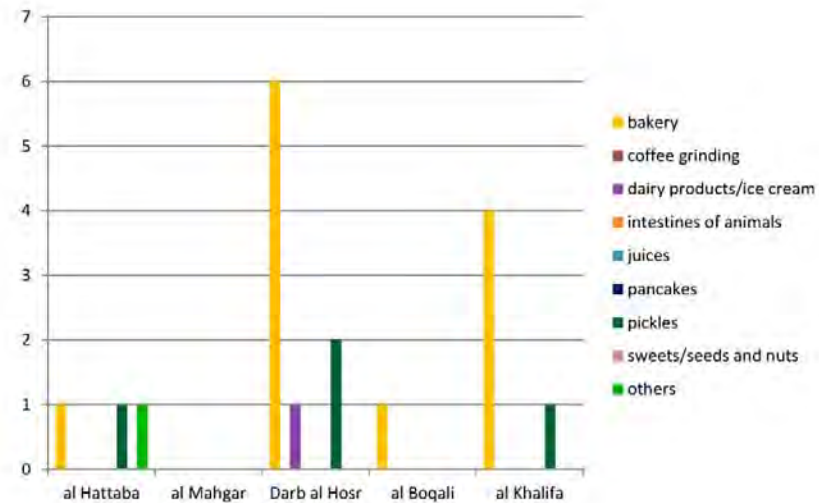
Chemical workshops

● detergents (1/1)

chemical workshops in Darb al Hosr (1)
surveyed workshops in Darb al Hosr (54)



Food workshops



percentage in the surveyed workshop

	bakery	coffee grinding	dairy products/ice cream	intestines of animals	juices	pancakes	pickles	sweets/seeds and nuts	others	total/shyakha
al Hattaba	1						1		1	3
al Mahgar										
Darb al Hosr	6		1				2			9
al Boqali	1									1
al Khalifa	4						1			5
total/category	12		1				4		1	18

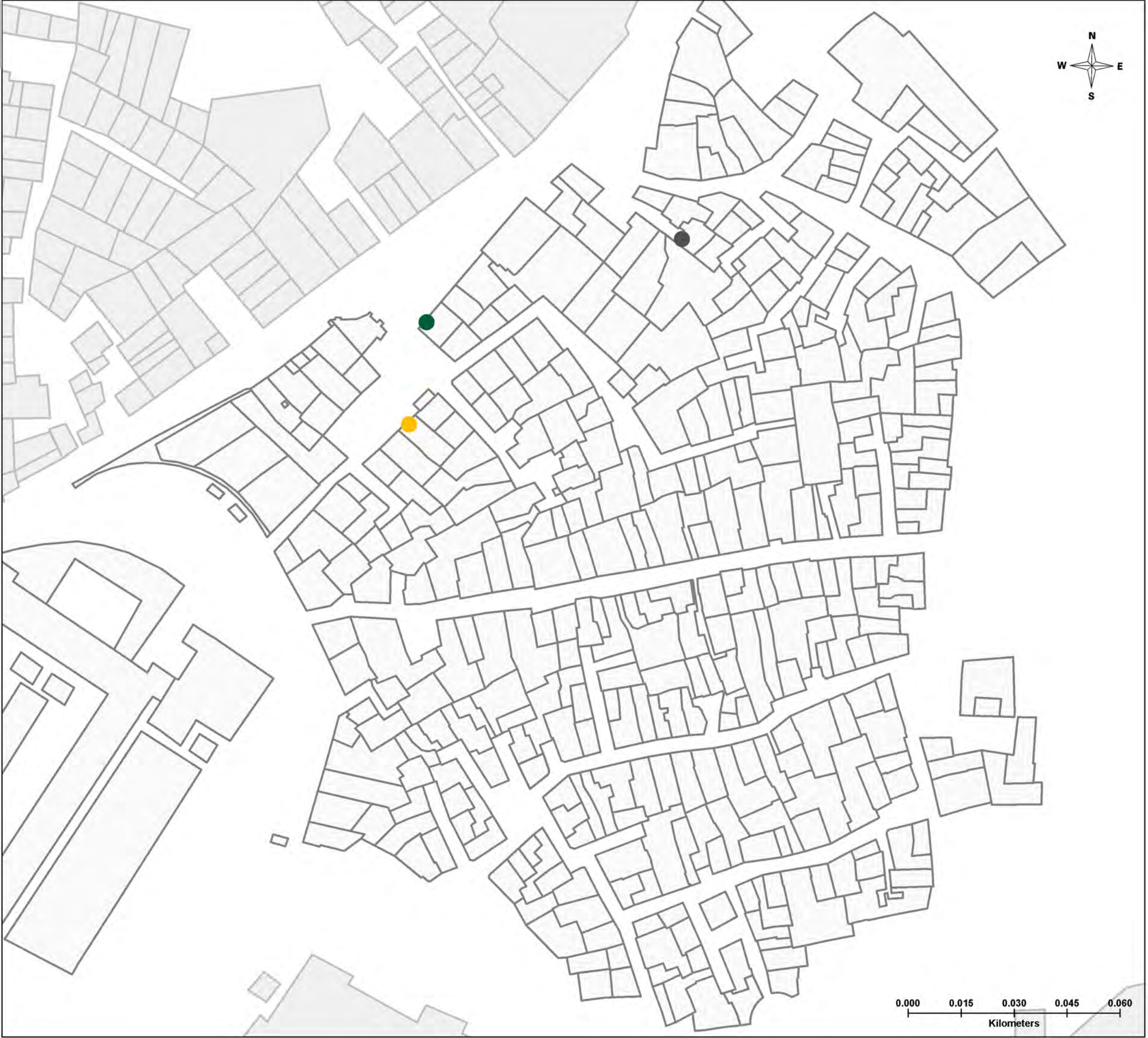
Al Hattaba

Qism al Khalifa

Food workshops

- bakery (1/58)
- dairy products/ice cream (0/58)
- pickles (1/58)
- others (1/58)

number of food workshops (3)
number of surveyed workshops (58)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Food workshops

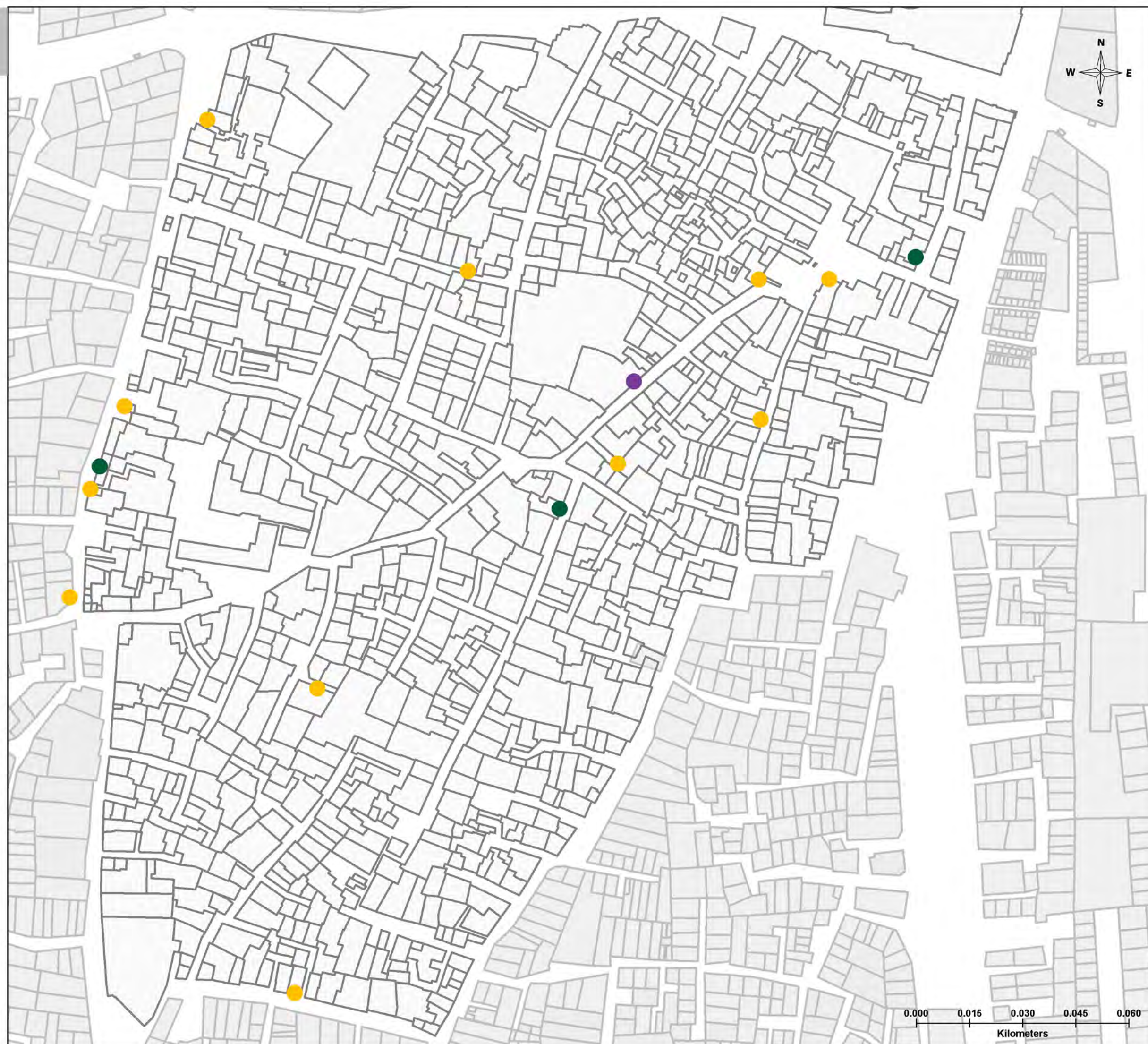
- bakery (11/105)
- dairy products/ice cream (1/105)
- pickles (3/105)
- others (0/105)

Total surveyed workshops in
Darb al Hosr area (103):

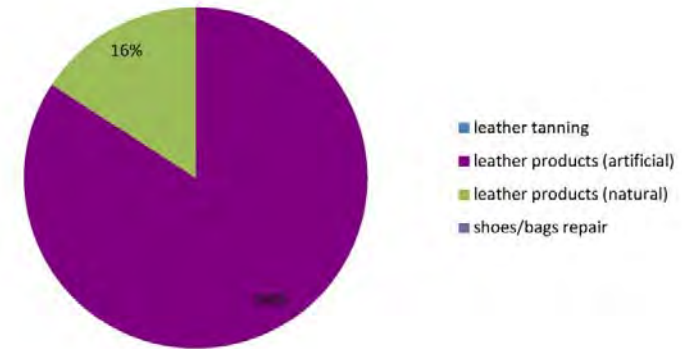
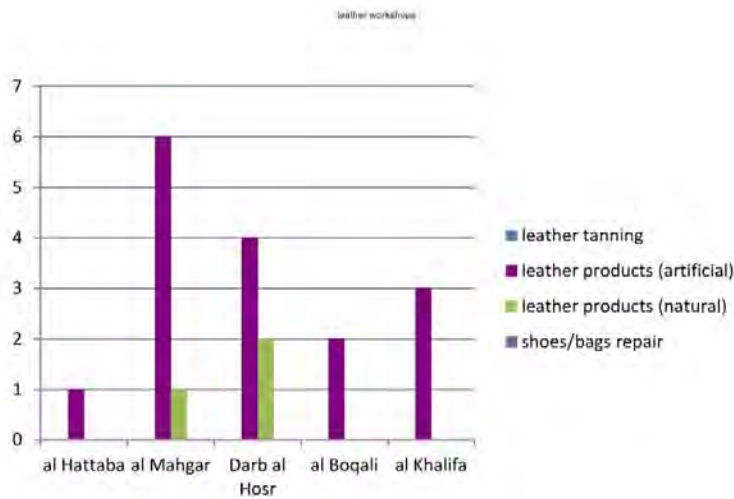
- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

Total food workshops in
Darb al Hosr area (15):

- Shyakha Darb al Hosr (9)
- Shyakha al Boqali (1)
- Shyakha al Khalifa (5)



Leather workshops



category percentage in the surveyed workshop

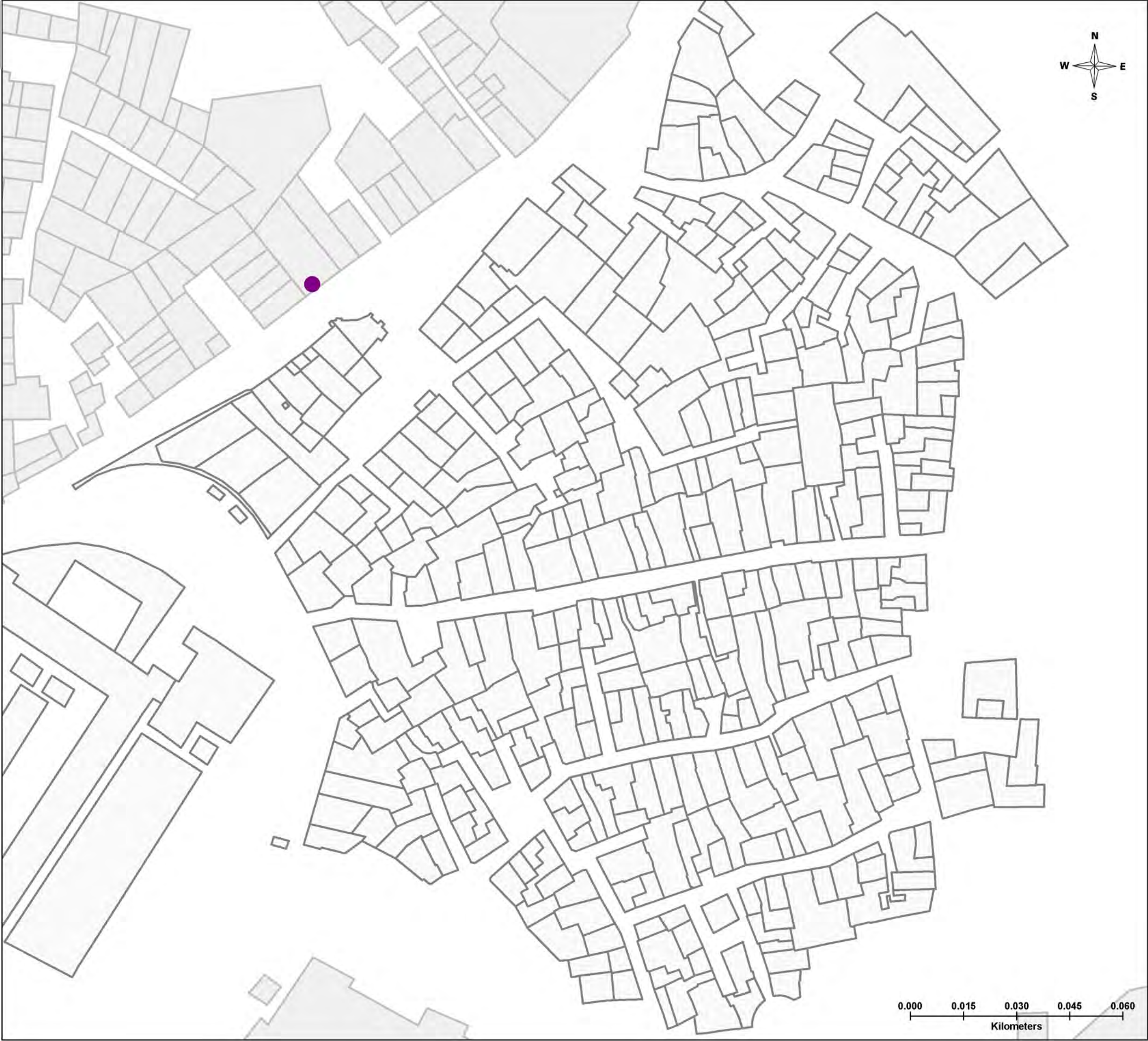
	leather tanning	leather products (artificial)	leather products (natural)	shoes/bags repair	category/shyakha	workshops/shyakha
al Hattaba		1			1	1
al Mahgar		6	1		7	6
Darb al Hosr		4	2		6	6
al Boqali		2			2	2
al Khalifa		3			3	3
total/category		16	3		19	18

Al Hattaba
Qism al Khalifa

Leather workshops

- leather products (artificial) (1/58)
- ▲ leather products (natural) (0/58)

number of leather workshops (1)
number of surveyed workshops (58)

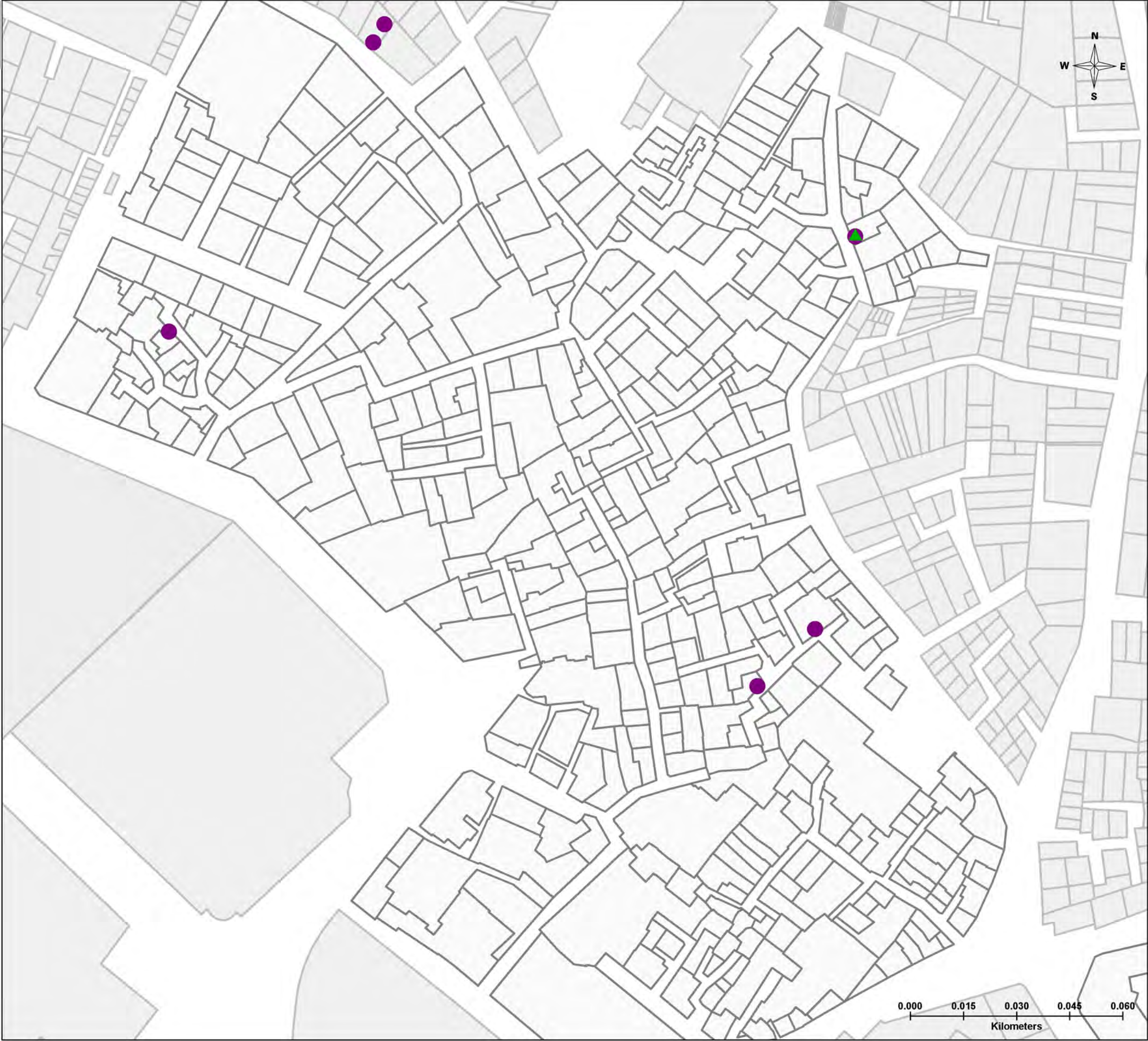


Al Mahgar
Qism al Khalifa

Leather workshops

- leather products (artificial) (6/60)
- ▲ leather products (natural) (1/60)

number of leather workshops (6)
number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

Qism al Khalifa

Leather workshop

- ▲ leather products (natural) (2/103)
- leather products (artificial) (9/103)

Total surveyed workshops in
Darb al Hosr area (103):

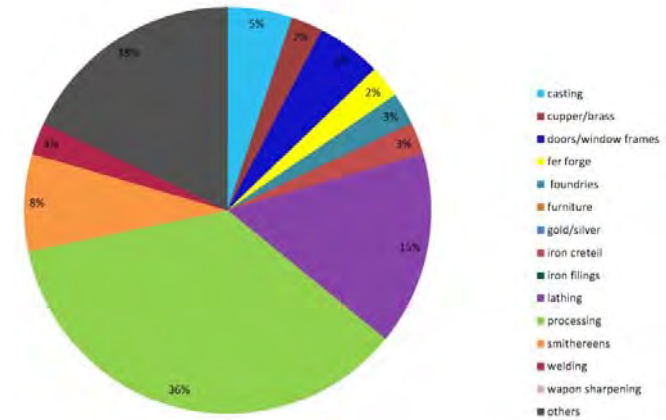
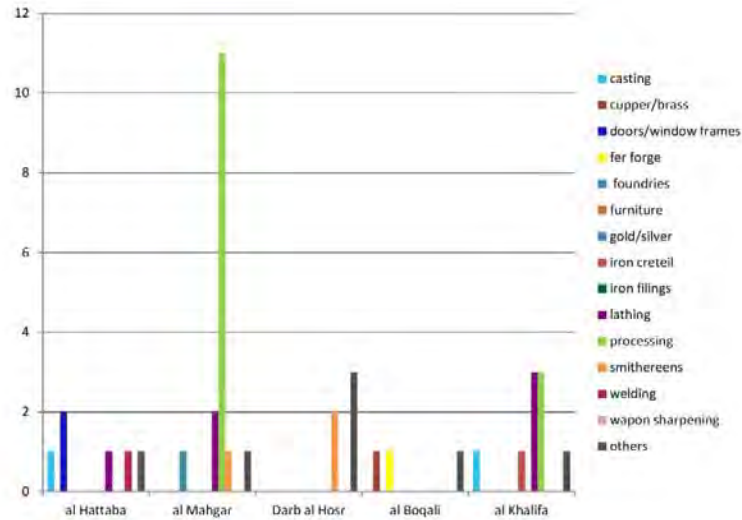
- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

Total leather workshops in
Darb al Hosr area (11):

- Shyakha Darb al Hosr (6)
- Shyakha al Boqali (2)
- Shyakha al Khalifa (3)



Metal workshops



category percentage in the surveyed workshop

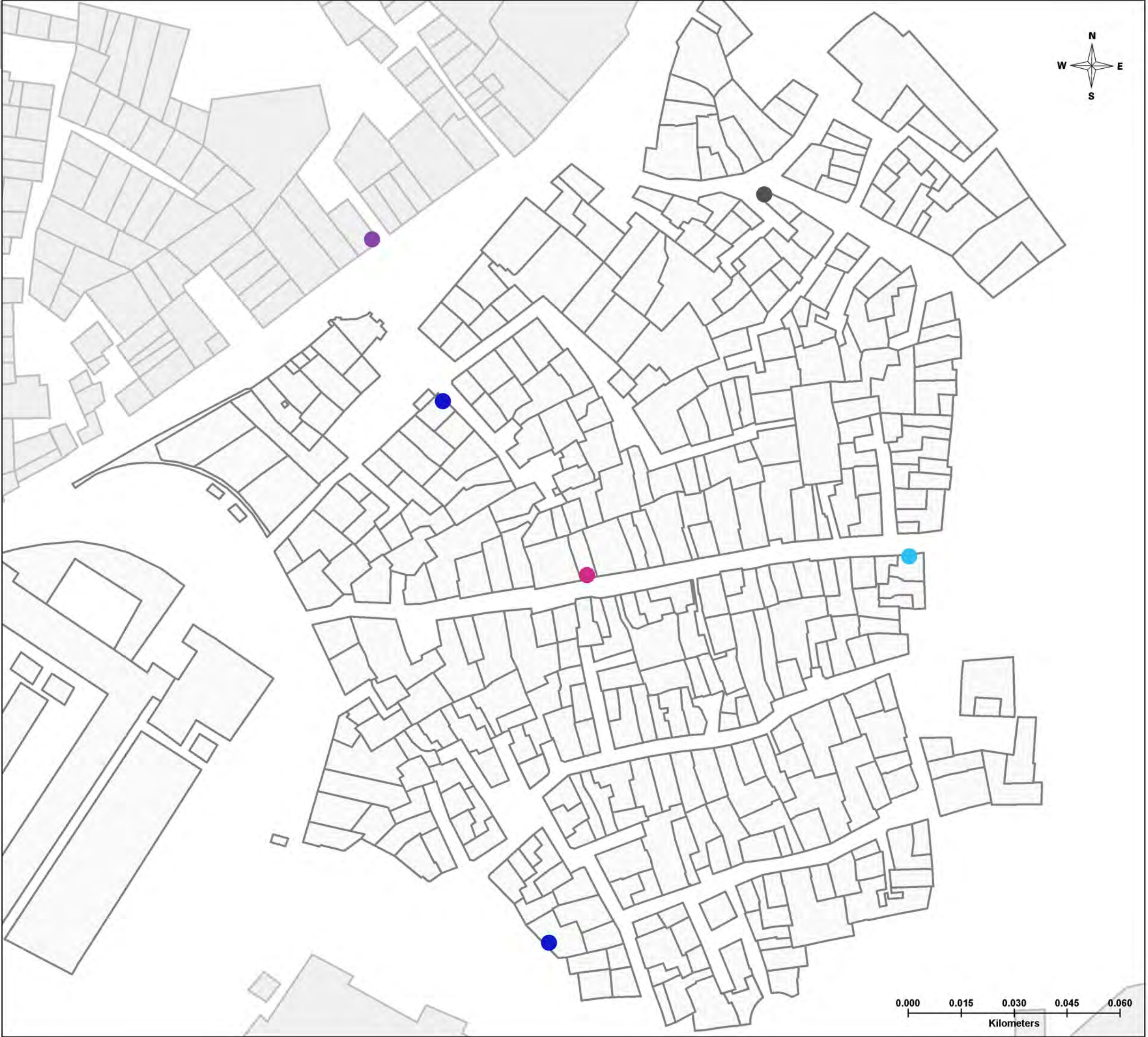
	casting	cupper/brass	doors/window frames	fer forge	foundries	furniture	gold/silver	Iron creteil	iron filings	lathing	processing	smithereens	welding	wapon sharpening	others	total/shyakha	workshops/shyakha
al Hattaba	1		2							1			1		1	6	6
al Mahgar					1					2	11	1			1	16	16
Darb al Hosr												2			3	6	5
al Boqali		1		1											1	3	3
al Khalifa	1							1		3	3				1	9	8
total/category	2	1	2	1	1			1		6	14	3	1		7	40	38

Al Hattaba
Qism al Khalifa

Metal workshops

- casting (1/58)
- cupper/brass (0/58)
- doors/window frames (2/58)
- wrought iron (0/58)
- foundries (0/58)
- iron creteil (0/58)
- lathing (1/58)
- processing (0/58)
- smithereens (0/58)
- welding (1/58)
- others (1/58)

number of metal workshops (6)
number of surveyed workshops (58)

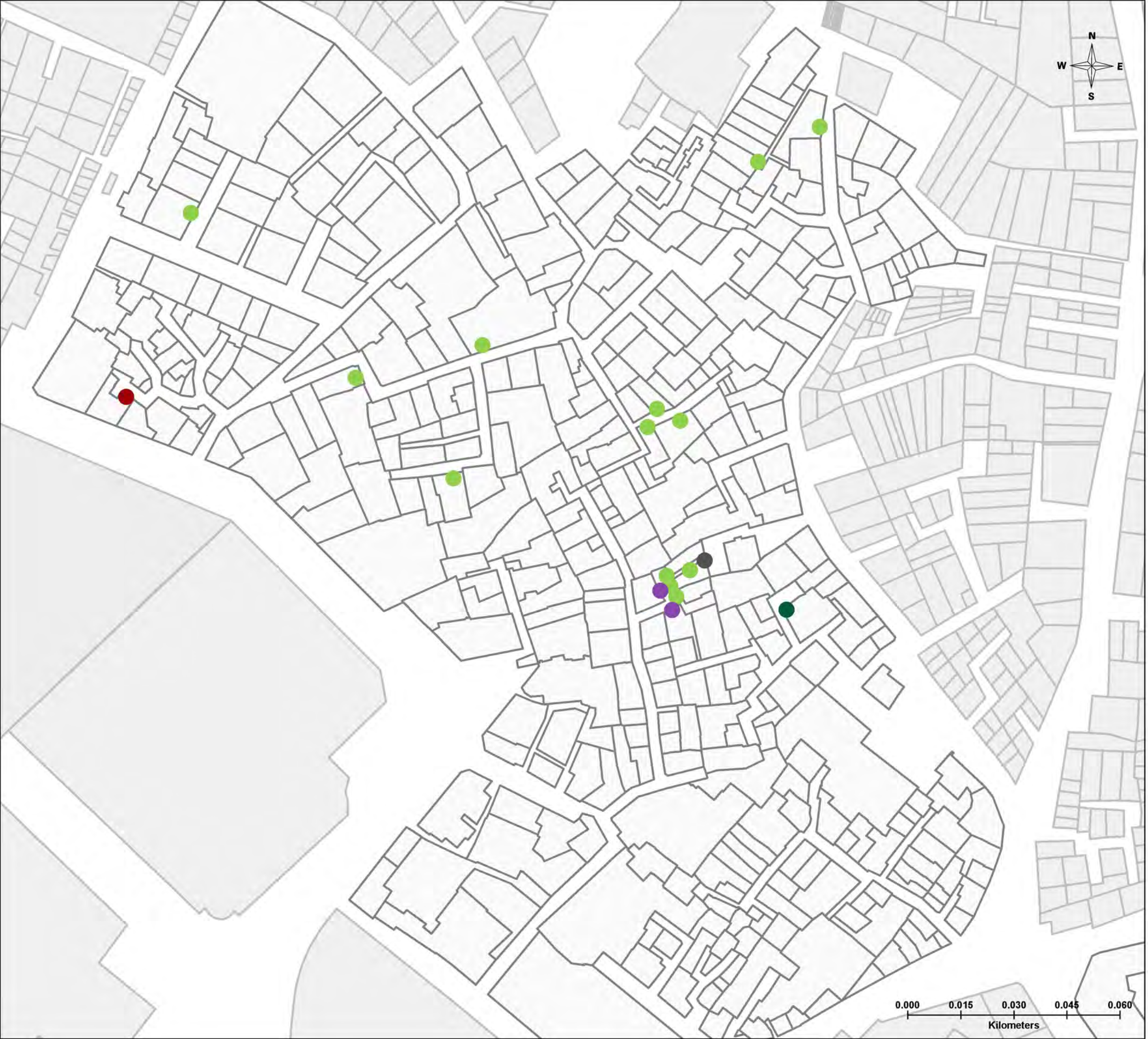


Al Mahgar
Qism al Khalifa

Metal workshops

- casting (0/60)
- cupper/brass (0/60)
- doors/window frames (0/60)
- wrought iron (0/60)
- foundries (1/60)
- iron creteil (0/60)
- lathing (2/60)
- processing (11/60)
- smithereens (1/60)
- welding (0/60)
- others (1/60)

number of metal workshops (16)
number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Metal workshops

- casting (1/103)
- copper/brass (1/103)
- doors/window frames (0/103)
- wrought iron (1/103)
- foundries (0/103)
- iron creteil (1/103)
- lathing (3/103)
- processing (3/103)
- smithereens (0/103)
- welding (0/103)
- others (1/103)

Total surveyed workshops in
Darb al Hosr area (103):

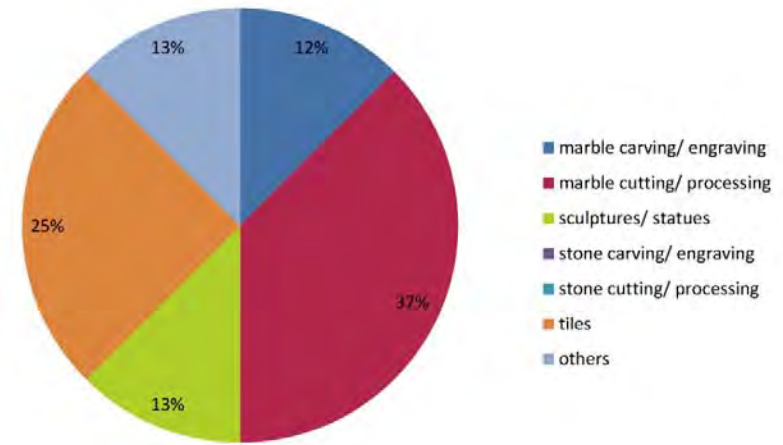
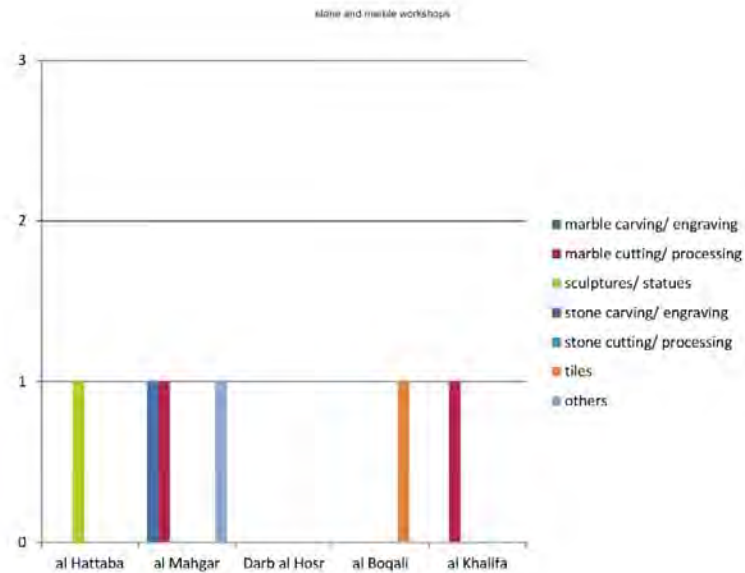
- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

Total metal workshops in
Darb al Hosr area (17):

- Shyakha Darb al Hosr (6)
- Shyakha al Boqali (3)
- Shyakha al Khalifa (8)



Stone/marble workshops



category percentage in the surveyed workshop

	marble carving/ engraving	marble cutting/ processing	sculptures/ statues	stone carving/ engraving	stone cutting/ processing	tiles	others	total/ shyakha	workshops/ shyakha
al Hattaba			1					1	1
al Mahgar	1	1					1	3	2
Darb al Hosr									
al Boqali						1		1	1
al Khalifa		1						1	1
total/category	1	2	1			1	1	6	5

Al Hattaba

Qism al Khalifa

Stone/marble workshops

- ★ marble carving/engraving (0/58)
- marble cutting/processing (0/58)
- sculptures/statues (1/58)
- tiles (0/58)
- others (0/58)

number of stone/marble workshops (1)
number of surveyed workshops (58)



Al Mahgar
Qism al Khalifa

Stone/marble workshops

- ★ marble carving/engraving (1/60)
- marble cutting/processing (1/60)
- sculptures/statues (0/60)
- tiles (0/60)
- others (1/60)

number of stone/marble workshops (2)
number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Stone/marble workshops

- ★ marble carving/engraving (0/103)
- marble cutting/processing (1/103)
- sculptures/statues (0/103)
- tiles (1/103)
- others (0/103)

Total surveyed workshops in
Darb al Hosr area (103):

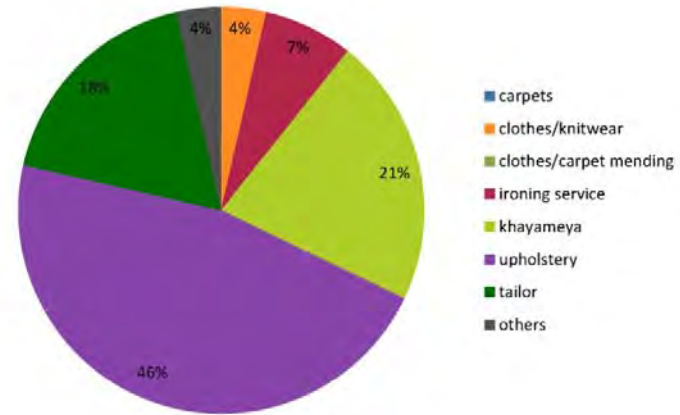
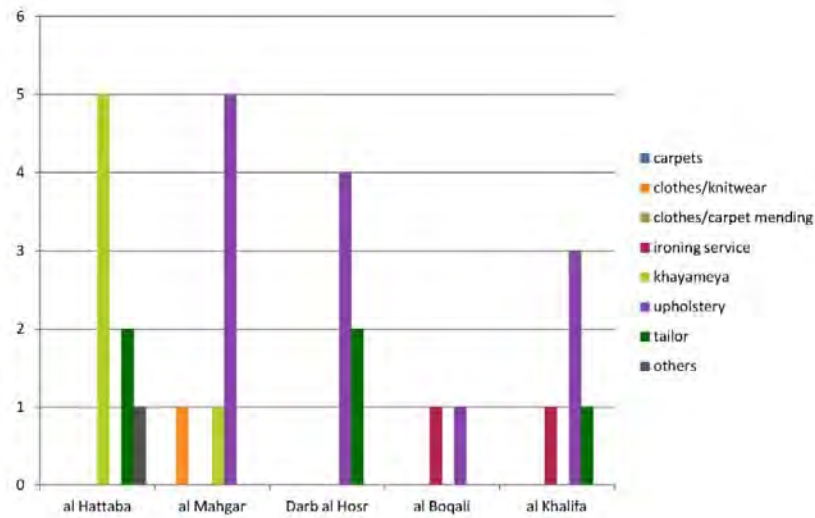
- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

Total stone workshops in
Darb al Hosr area (2):

- Shyakha Darb al Hosr (0)
- Shyakha al Boqali (1)
- Shyakha al Khalifa (1)



Textile workshops



category percentage in the surveyed workshop

	carpets	clothes/knitwear	clothes/carpet mending	ironing service	khayameya	upholstery	tailor	others	total/shyakha
al Hattaba					5		2	1	8
al Mahgar		1			1	5			7
Darb al Hosr						4	2		6
al Boqali				1		1			2
al Khalifa				1		3	1		5
total/category		1		2	6	13	5	1	28

Al Hattaba
Qism al Khalifa

Textile workshop

- clothes/knitwear (0/58)
- ironing service (0/58)
- khayameya (5/58)
- tailor (2/58)
- upholstery (0/58)
- others (1/58)

number of textile workshops (8)
number of surveyed workshops (58)

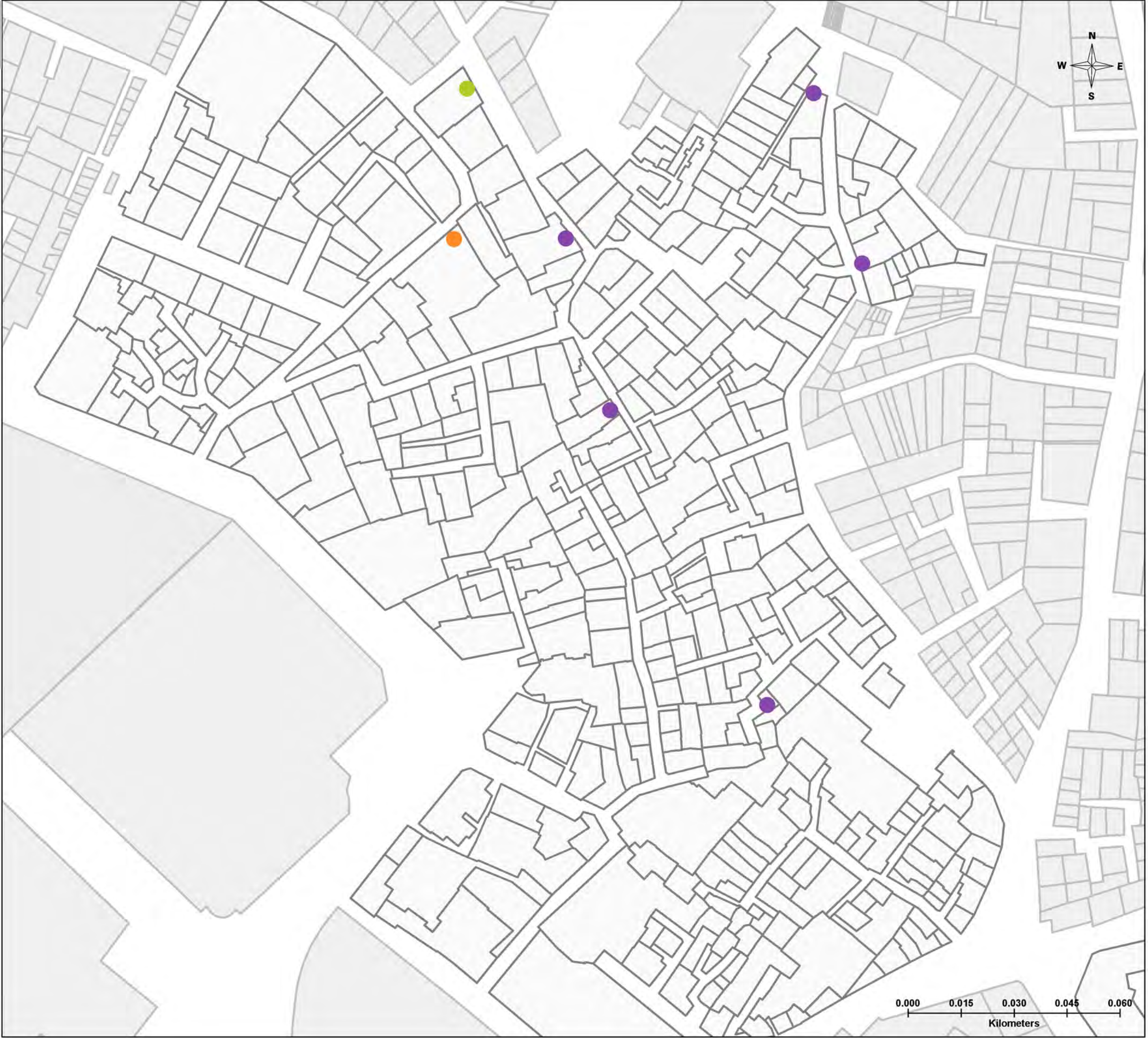


Al Mahgar
Qism al Khalifa

Textile workshop

- clothes/knitwear (1/60)
- ironing service (0/60)
- khayameya (0/60)
- tailor (0/60)
- upholstery (5/60)
- others (0/60)

number of textile workshops (6)
number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Textile workshops

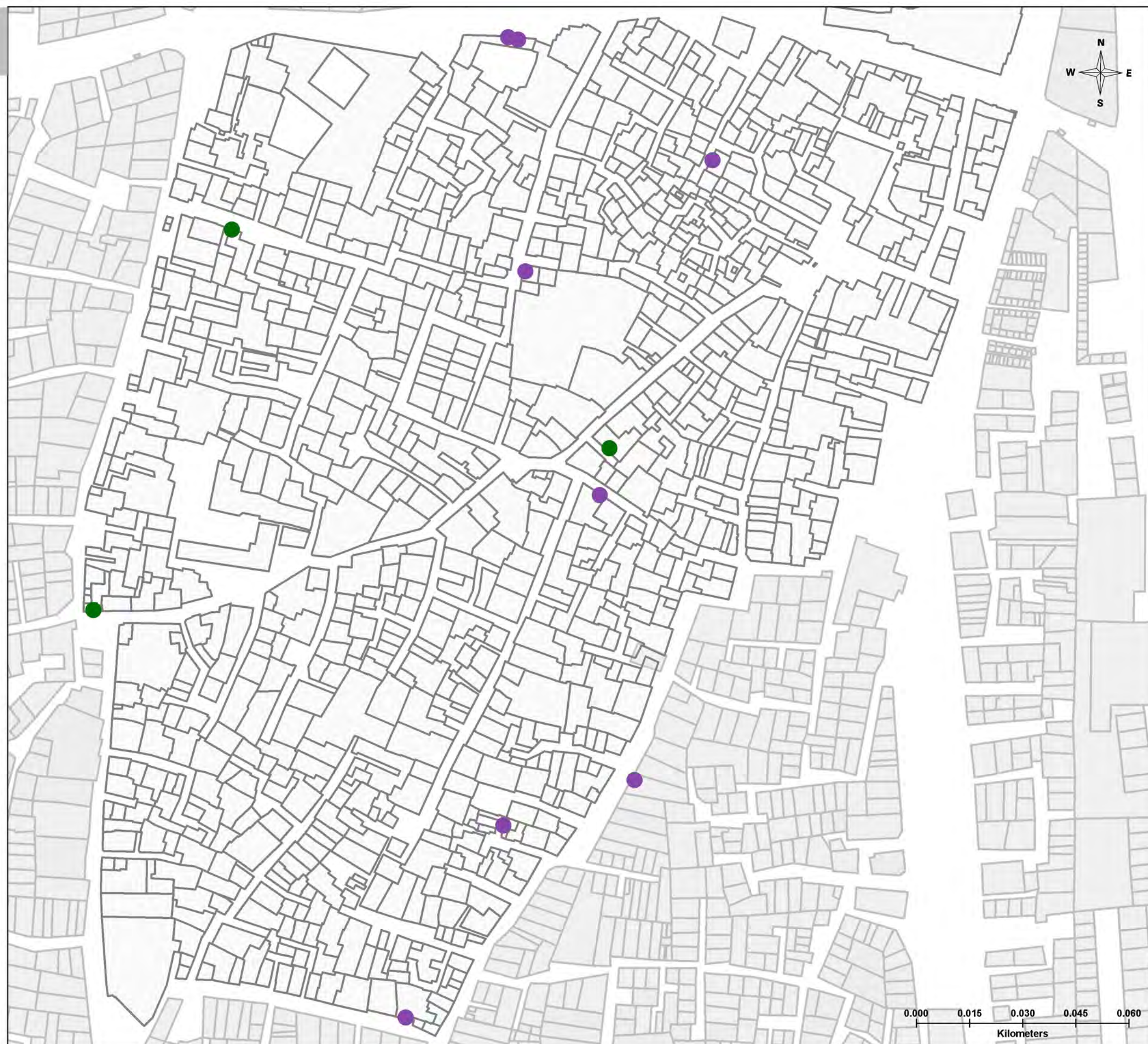
- clothes/knitwear (0/103)
- ironing service (2/103)
- khayameya (0/103)
- tailor (3/103)
- upholstery (8/103)
- others (0/103)

Total surveyed workshops in
Darb al Hosr area (103):

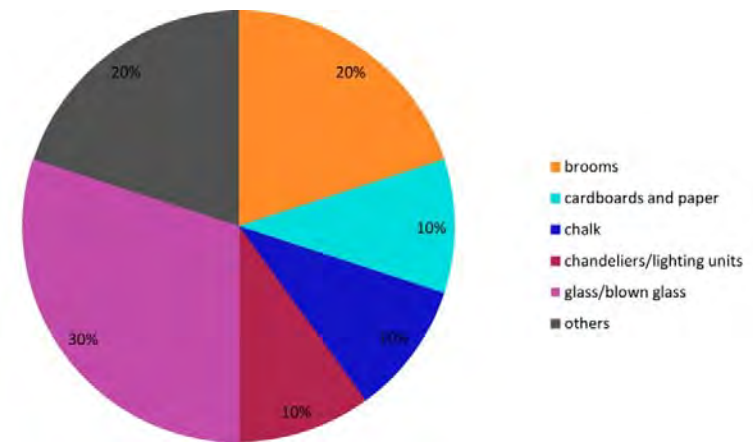
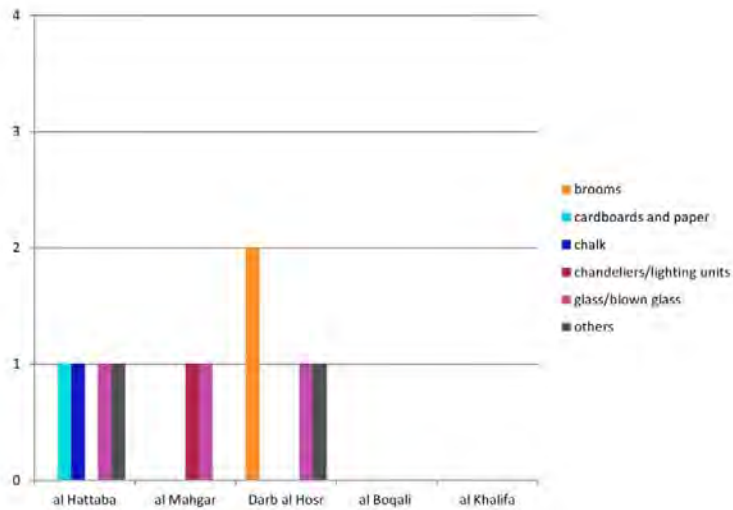
- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

Total textile workshops in
Darb al Hosr area (13):

- Shyakha Darb al Hosr (6)
- Shyakha al Boqali (2)
- Shyakha al Khalifa (5)



Other workshops



category percentage in the surveyed workshop

	brooms	cardboards and paper	chalk	chandeliers/lighting units	glass/blown glass	others	total/shyakha
al Hattaba		1	1		1	1	4
al Mahgar				1	1		2
Darb al Hosr	2				1	1	4
al Boqali							
al Khalifa							
total/category	2	1	1	1	3	2	10

Al Hattaba

Qism al Khalifa

Other workshops

- brooms (0/58)
- cardboards and paper (1/58)
- chalk (1/58)
- chandeliers/lighting units (0/58)
- glass/blown glass (1/58)
- others (1/58)

number of other workshops (4)
number of surveyed workshops (58)

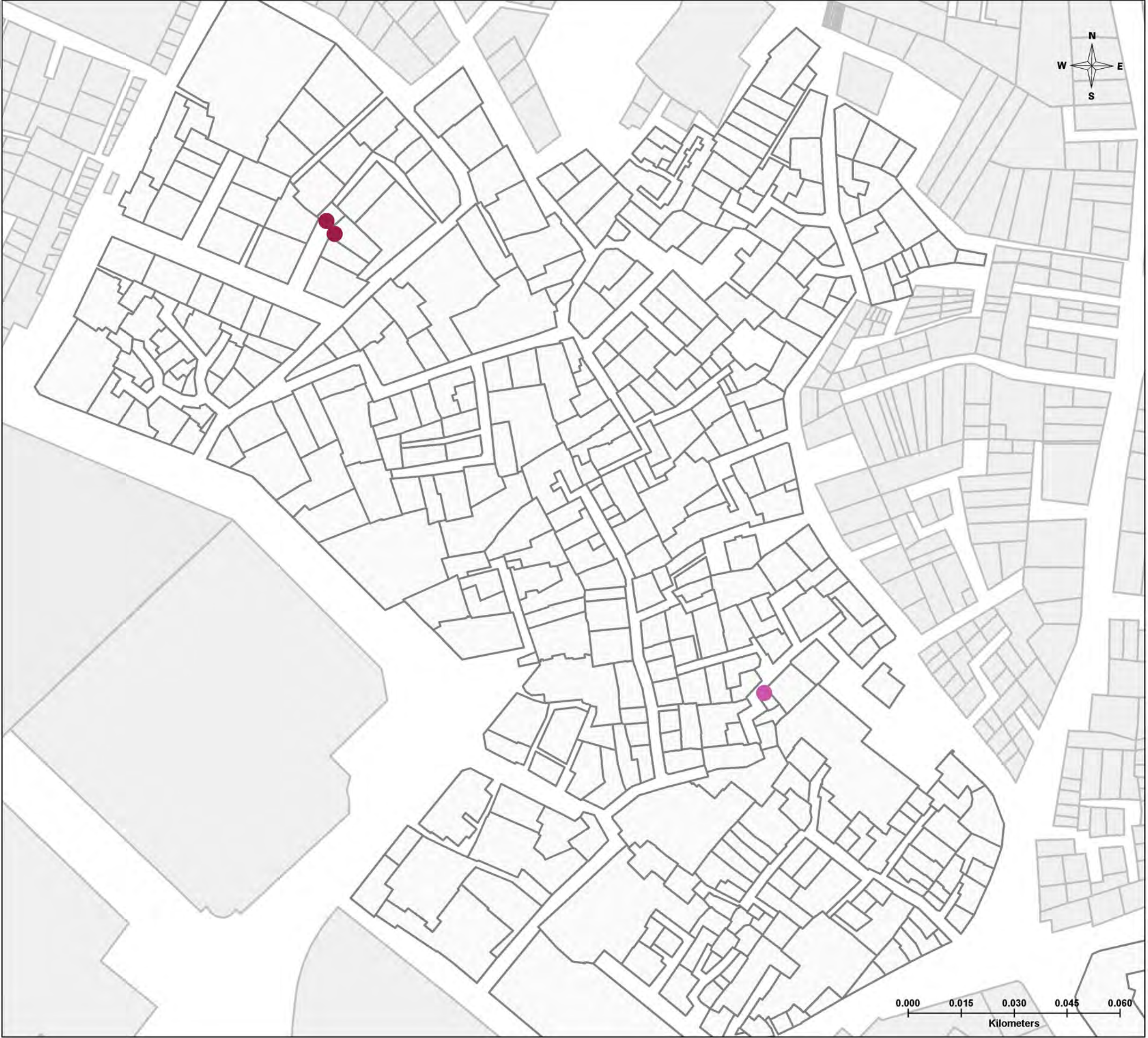


Al Mahgar
Qism al Khalifa

Other workshops

- brooms (0/60)
- cardboards and paper (0/60)
- chalk (0/60)
- chandeliers/lighting units (1/60)
- glass/blown glass (1/60)
- others (0/60)

number of other workshops (2)
number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Other workshops

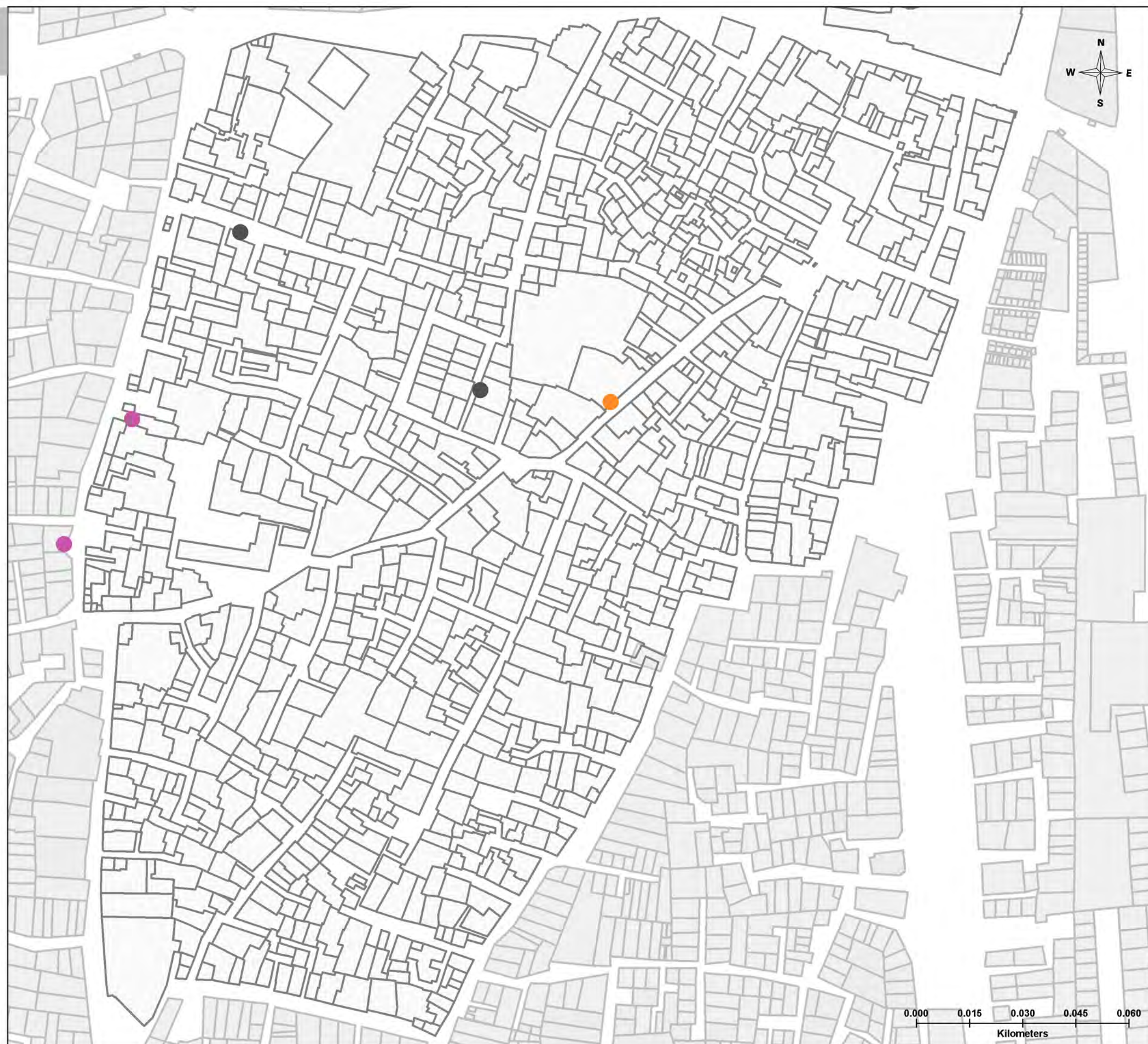
- brooms (1/103)
- cardboards and paper (0/103)
- chalk (0/103)
- chandeliers/lighting units (0/103)
- glass/blown glass (2/103)
- others (2/103)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

Total other workshops in
Darb al Hosr area (5):

- Shyakha Darb al Hosr (5)
- Shyakha al Boqali (0)
- Shyakha al Khalifa (0)



CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

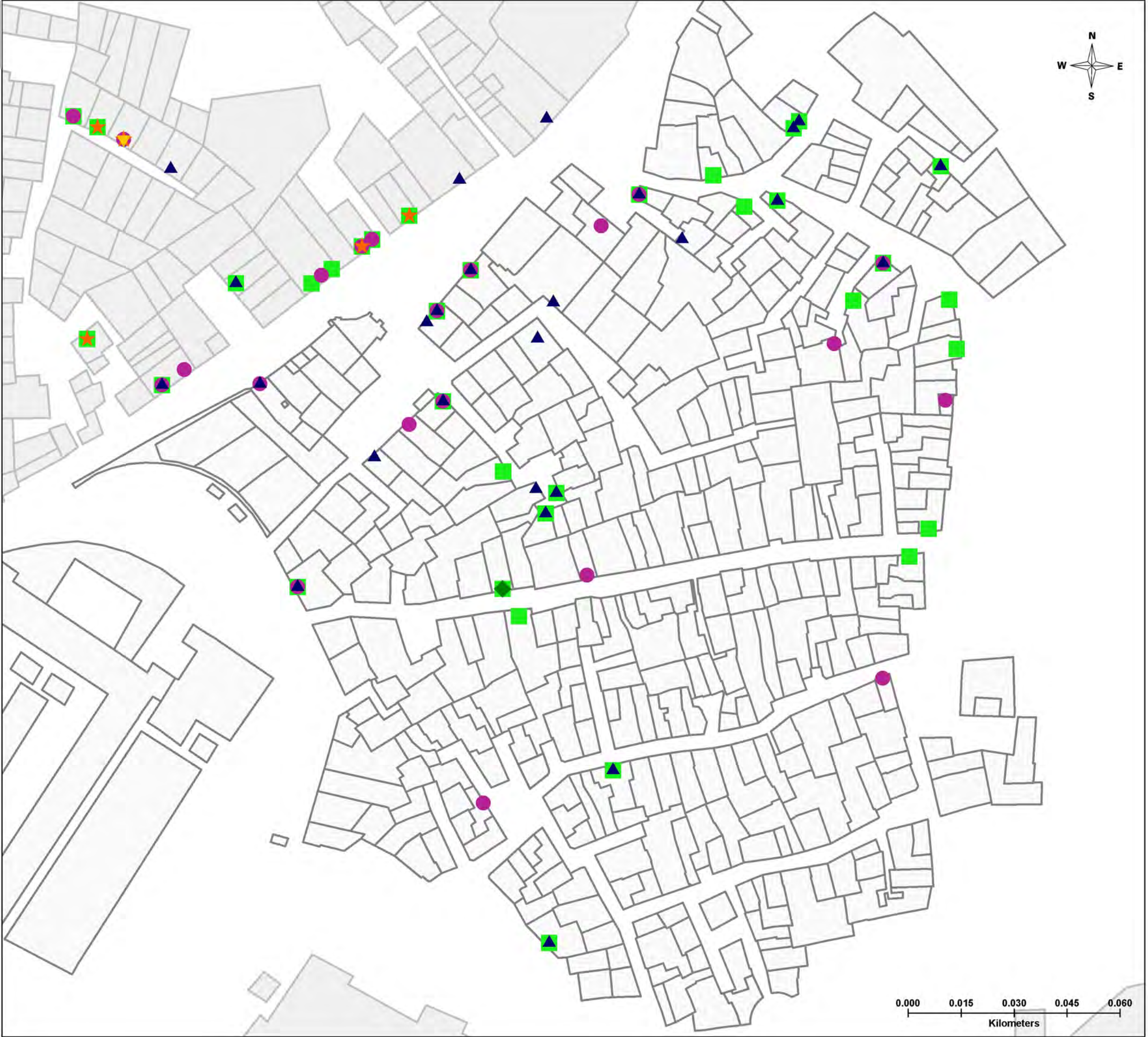
WORKSHOP CLIENTS

Al Hattaba
Qism al Khalifa

Workshop clients

- ▲ city scale/regional
- ▼ clients abroad/export
- historic cairo
- local clients
- ★ tourists
- ◆ others

number of surveyed workshops (58)

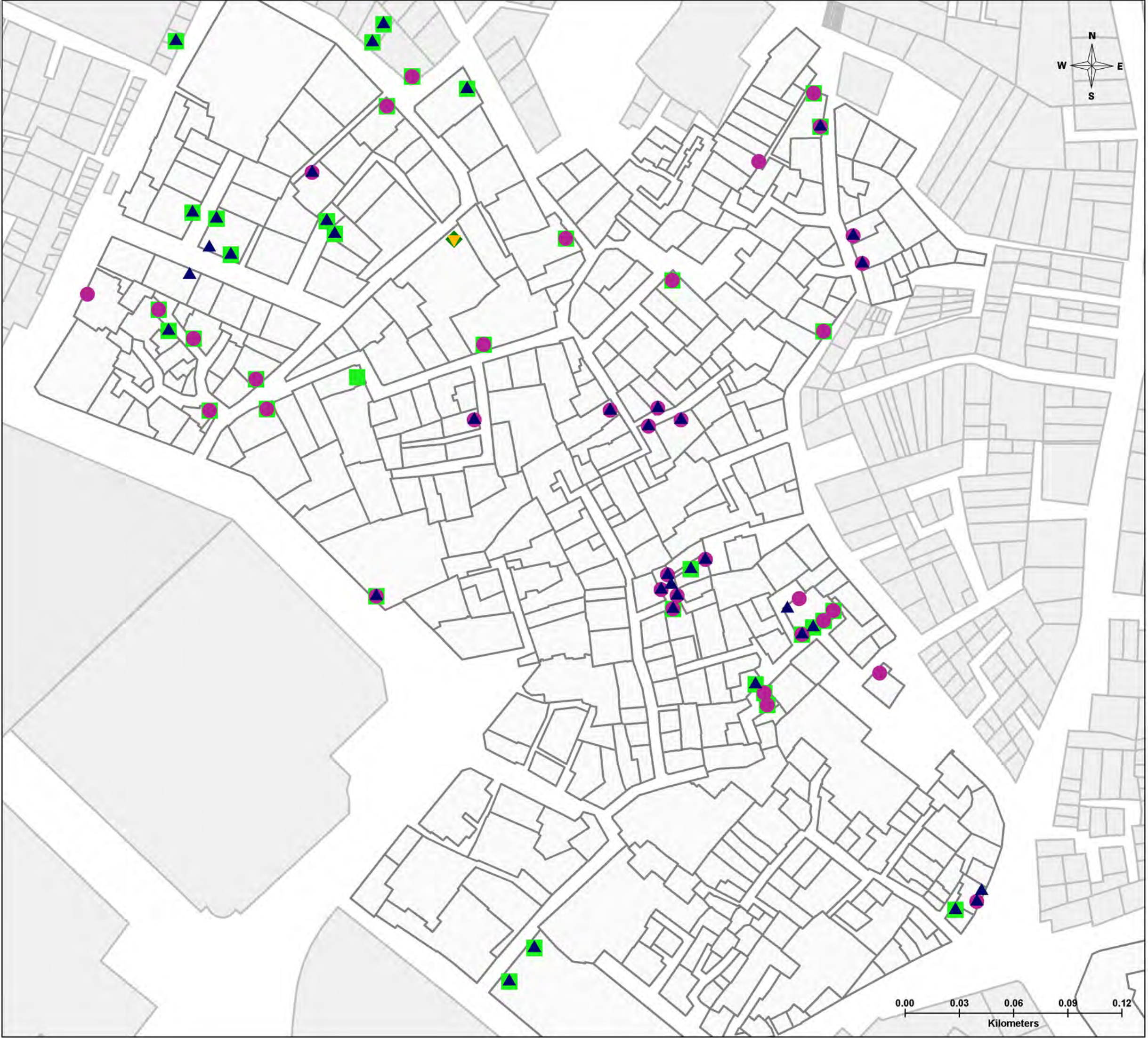


Al Mahgar
Qism al Khalifa

Workshop clients

- ▲ city scale/regional
- ▼ clients abroad/export
- historic cairo
- local clients
- ★ tourists
- ◆ others

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

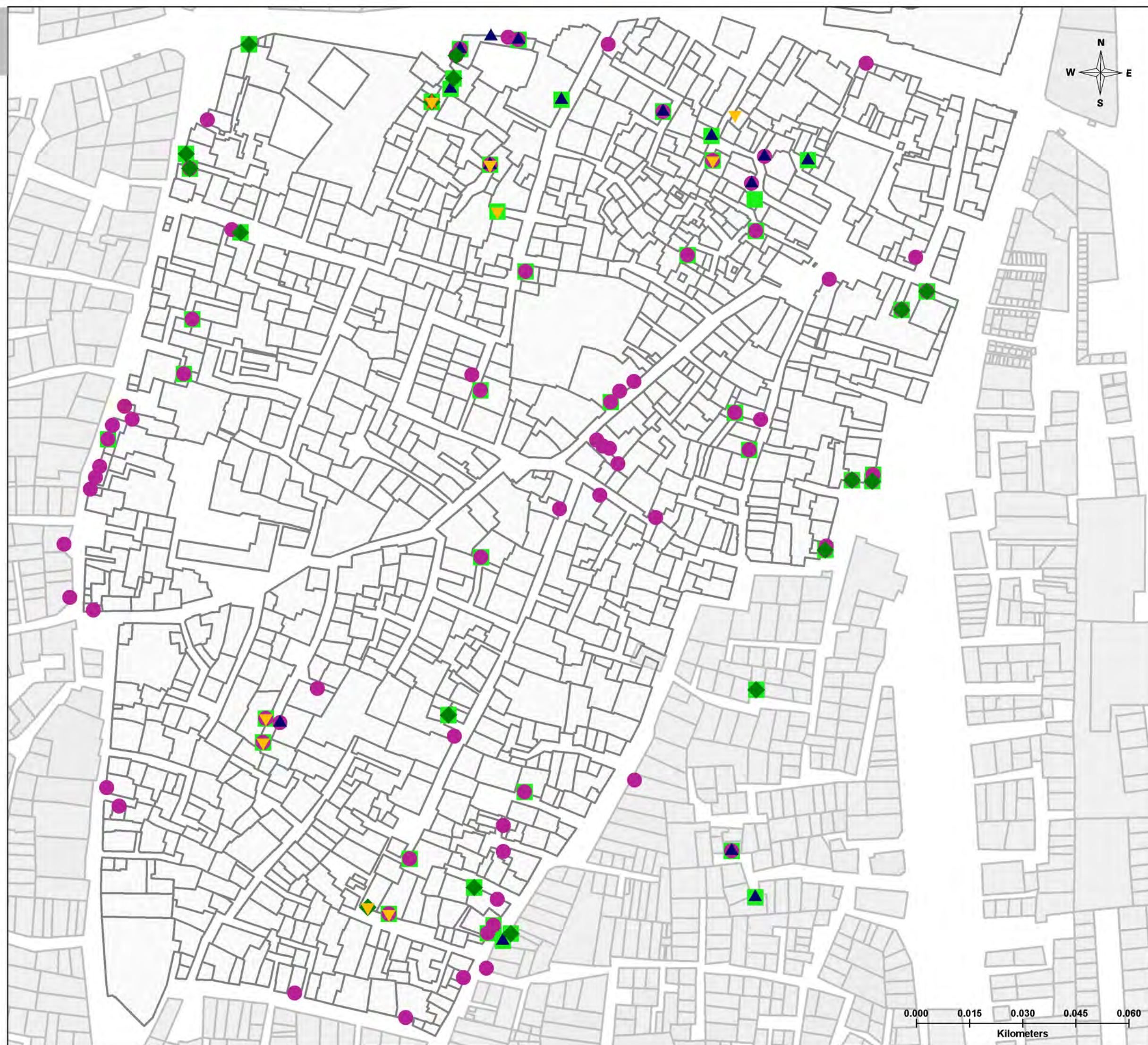
Qism al Khalifa

Workshop clients

- ▲ city scale/regional
- ▼ clients abroad/export
- historic cairo
- local clients
- ★ tourists
- ◆ others

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



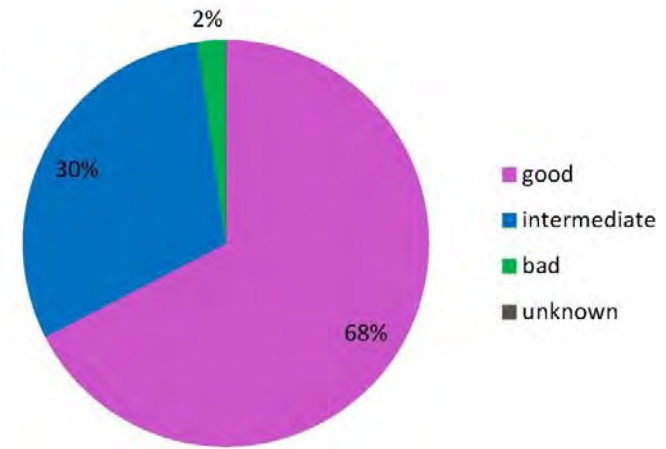
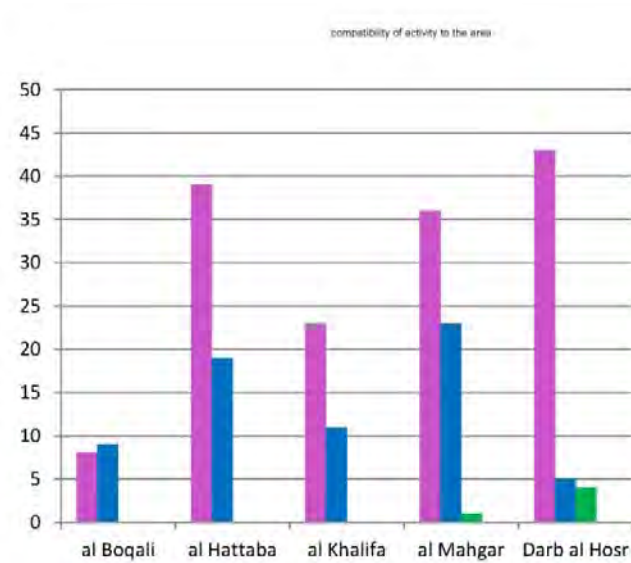
CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

WORKSHOPS' EVALUATION

C1 - Compatibility of the workshop activity to the area



compatibility of the workshops - total percentages

Shyakha	C1 - compatibility of workshops activity to area				
	good	intermediate	bad	unknown	total
al Boqali	8	9	0	0	17
al Hattaba	39	19	0	0	58
al Khalifa	23	11	0	0	34
al Mahgar	36	23	1	0	60
Darb al Hosr	43	5	4	0	53
total surveyed	149	67	5	0	221

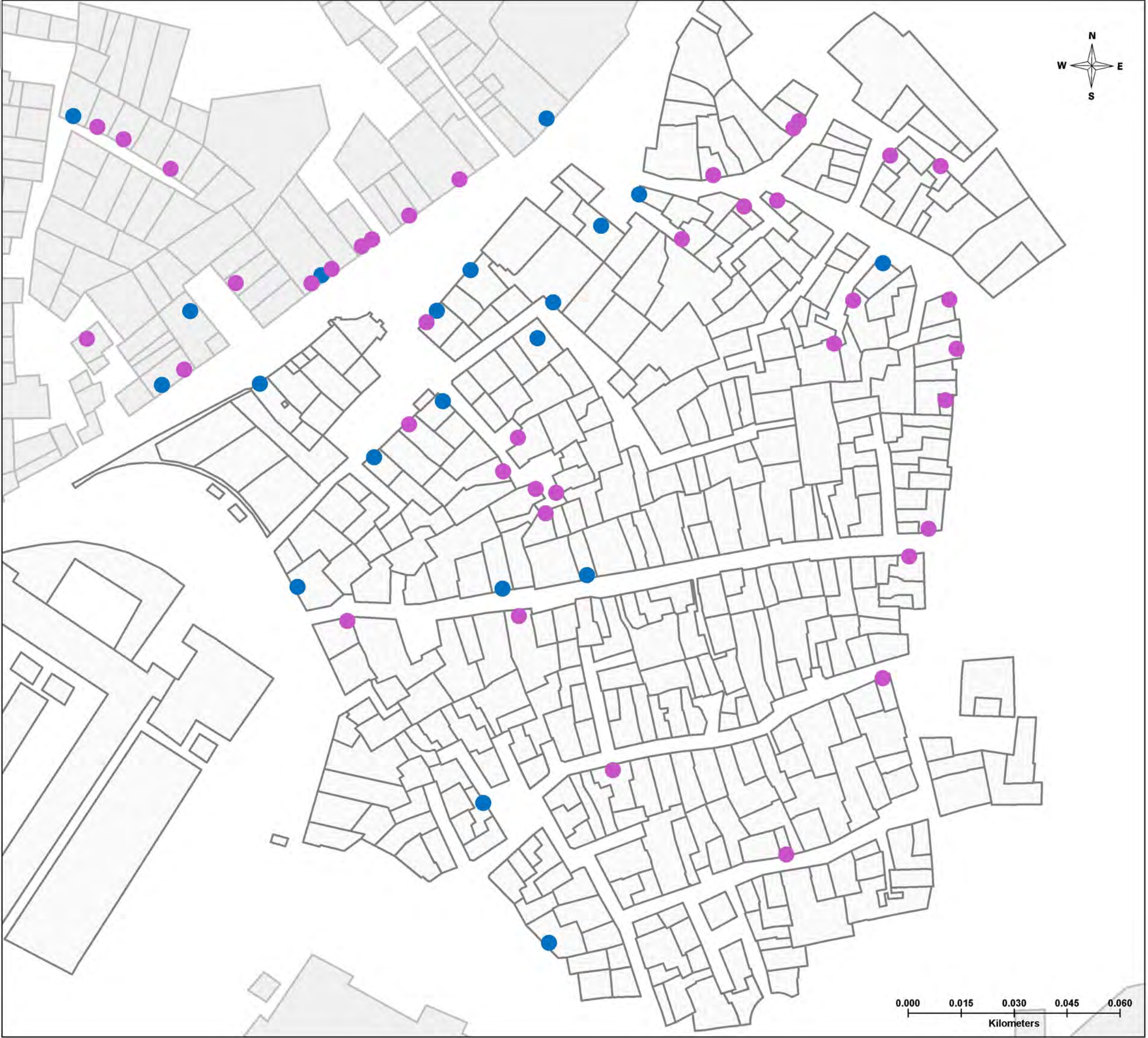
Al Hattaba
Qism al Khalifa

Evaluation: C1

Compatibility of activity

- good (39/58)
- intermediate (19/58)
- bad (0/58)

number of surveyed workshops (58)



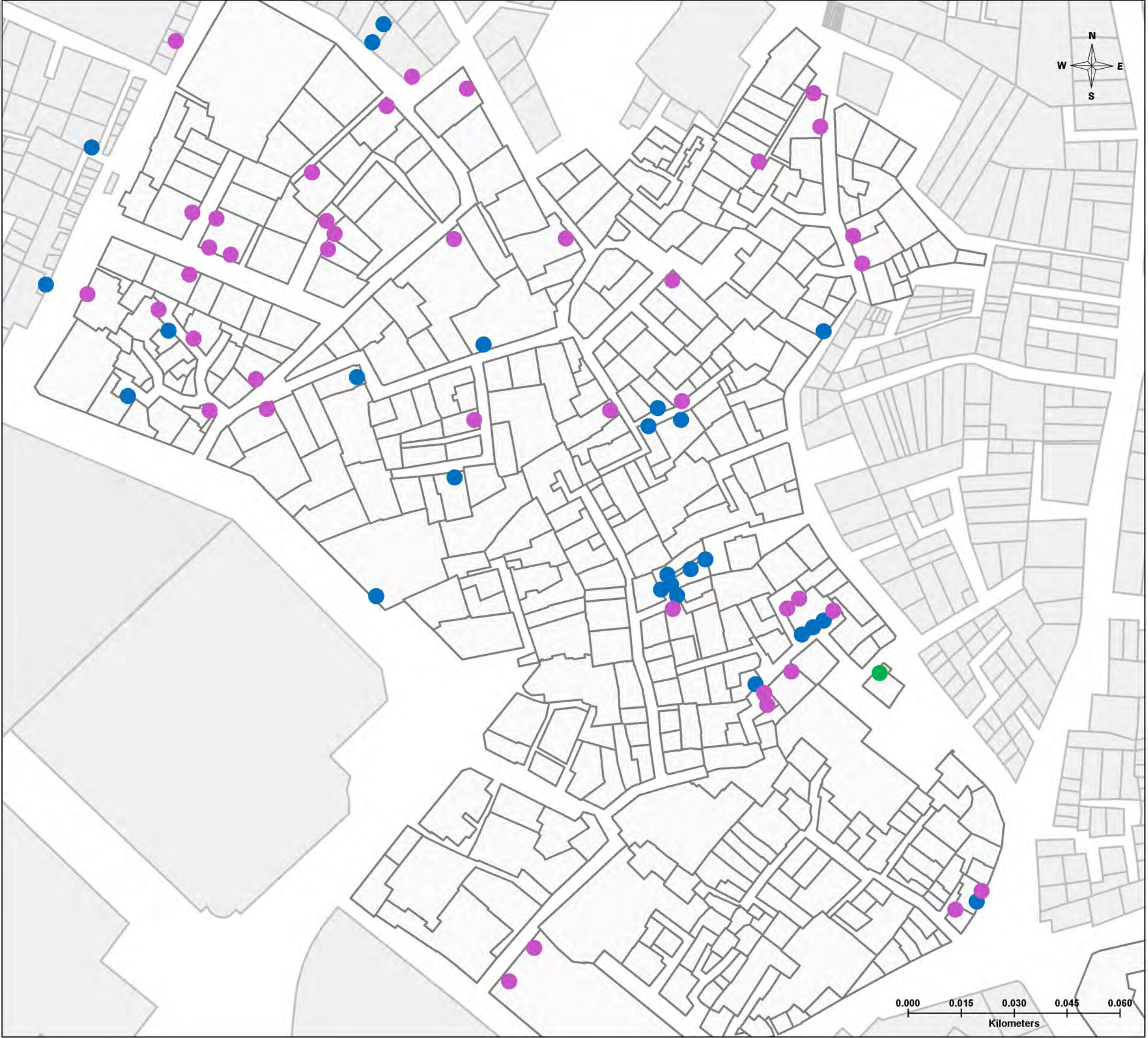
Al Mahgar
Qism al Khalifa

Evaluation: C1

Compatibility of activity

- good (36/60)
- intermediate (23/60)
- bad (1/60)

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

Qism al Khalifa

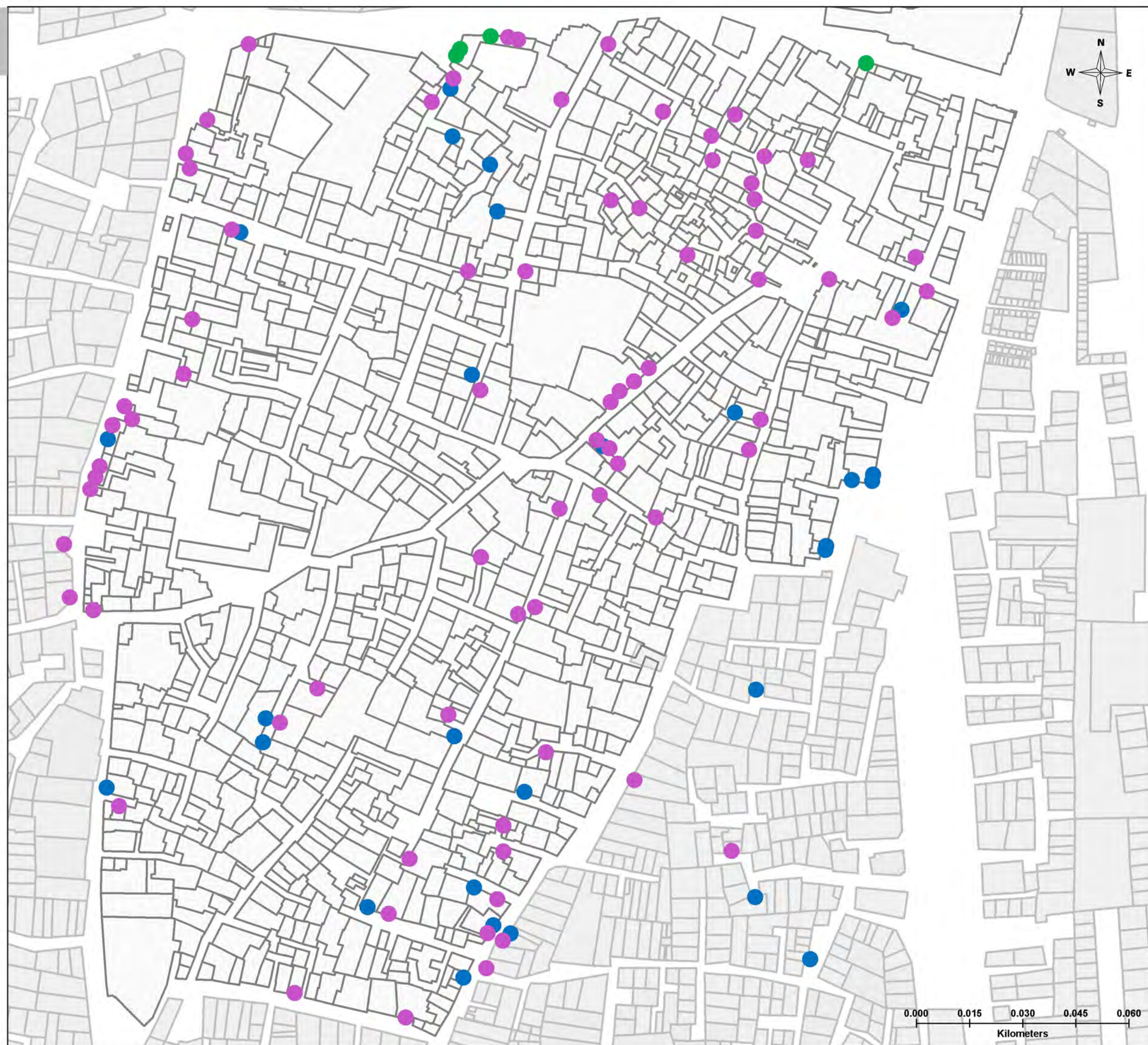
Evaluation: C1

Compatibility of activity

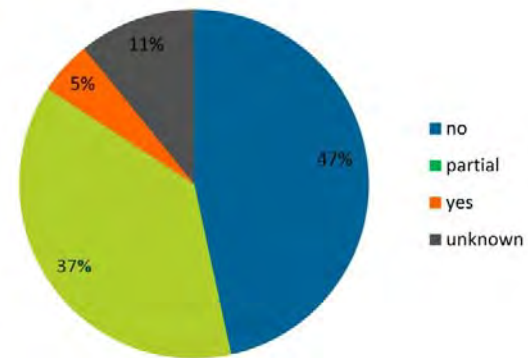
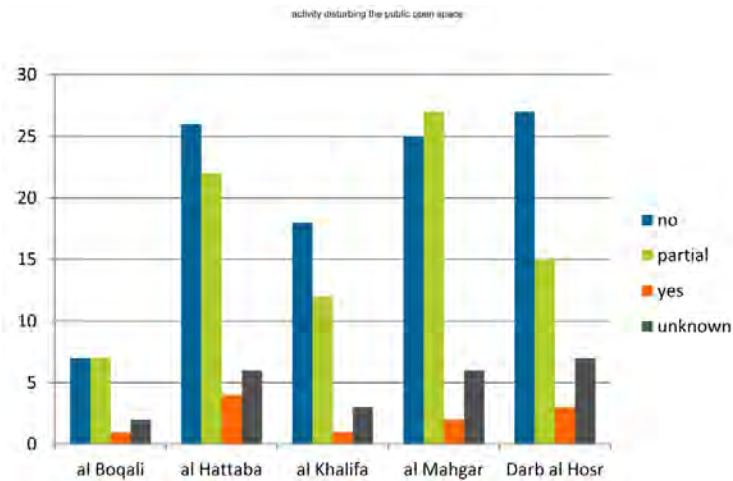
- good (74/103)
- intermediate (25/103)
- bad (4/103)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



C2 – Workshops disturbing the movement in the open public space



workshops disturbing the public space -
total percentages of surveyed workshops

Shyakha	C2 - activity occupying public space				
	no	partial	yes	unknown	total
al Boqali	7	7	1	2	17
al Hattaba	26	22	4	6	58
al Khalifa	18	12	1	3	34
al Mahgar	25	27	2	6	60
Darb al Hosr	27	15	3	7	52
Total surveyed	103	83	11	24	221

Al Hattaba

Qism al Khalifa

Evaluation: C2

Occupying public space

- no (26/58)
- partial (22/58)
- yes (4/58)
- unknown (6/58)

number of surveyed workshops (58)



Al Mahgar

Qism al Khalifa

Evaluation: C2

Occupying public space

- no (25/60)
- partial (27/60)
- yes (2/60)
- unknown (6/60)

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

Qism al Khalifa

Evaluation: C2

Occupying public space

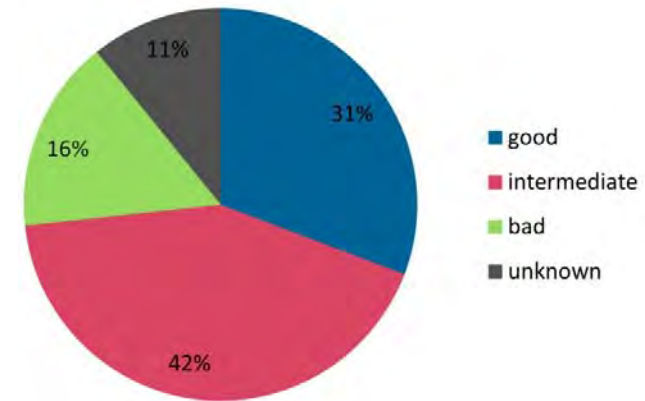
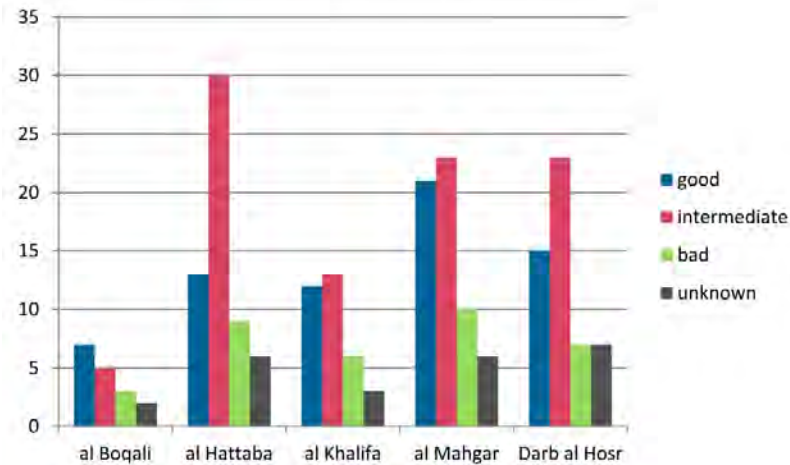
- no (53/103)
- partial (34/103)
- unknown (12/103)
- yes (5/103)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



C3 – suitability of the workshop space for the requirement of the activity



suitability of workshop space –
total percentages of surveyed workshops

Shyakha	C3 - suitability of workshop space				
	good	intermediate	bad	unknown	total
al Boqali	7	5	3	2	17
al Hattaba	13	30	9	6	58
al Khalifa	12	13	6	3	34
al Mahgar	21	23	10	6	60
Darb al Hosr	15	23	7	7	52
	68	94	35	24	221

Al Hattaba

Qism al Khalifa

Evaluation: C3

Suitability of workshop space

- good (13/58)
- intermediate (30/58)
- bad (9/58)
- unknown (6/58)

number of surveyed workshops (58)



Al Mahgar

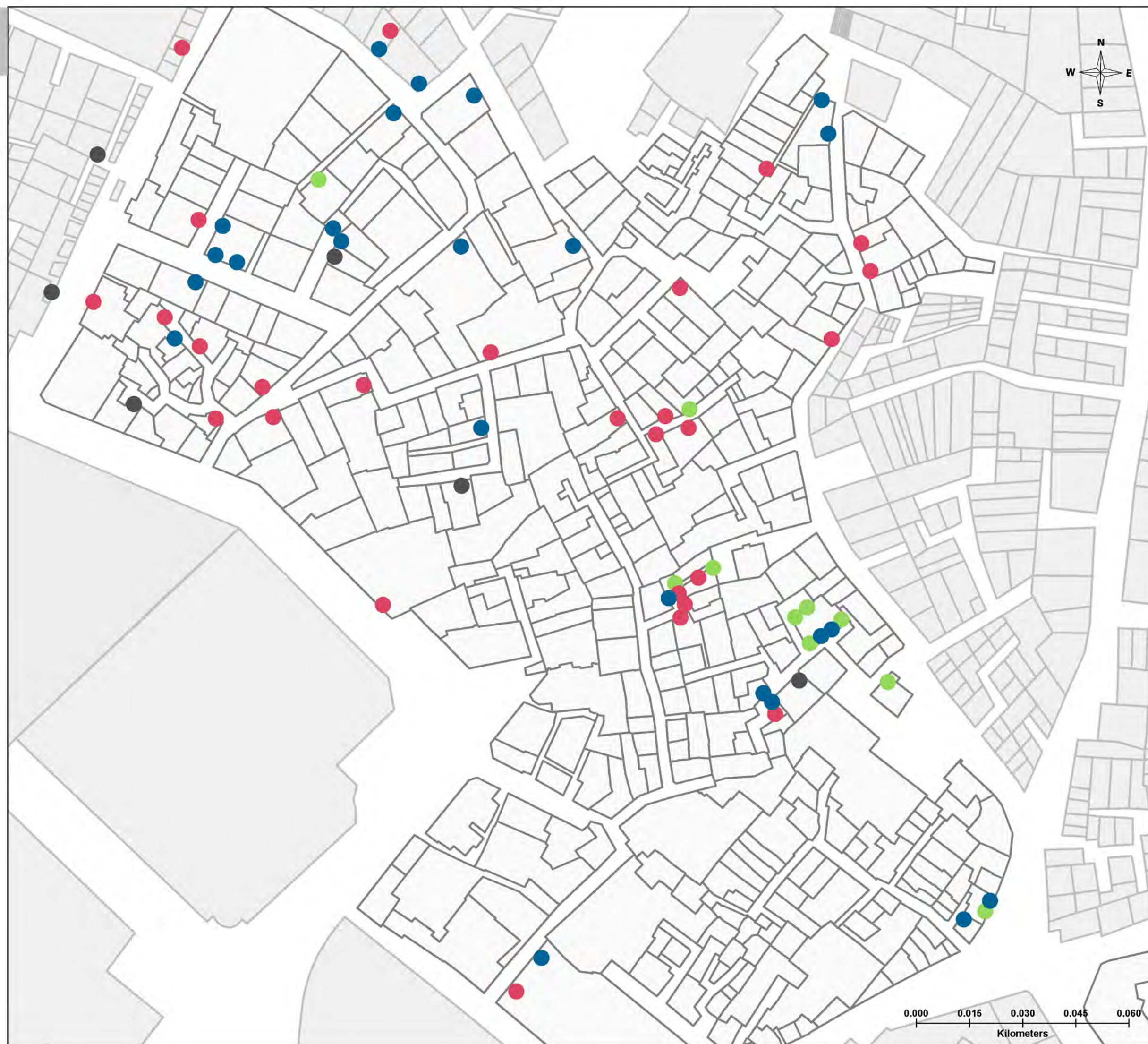
Qism al Khalifa

Evaluation: C3

Suitability of workshop space

- good (21/60)
- intermediate (23/60)
- bad (10/60)
- unknown (6/60)

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

Qism al Khalifa

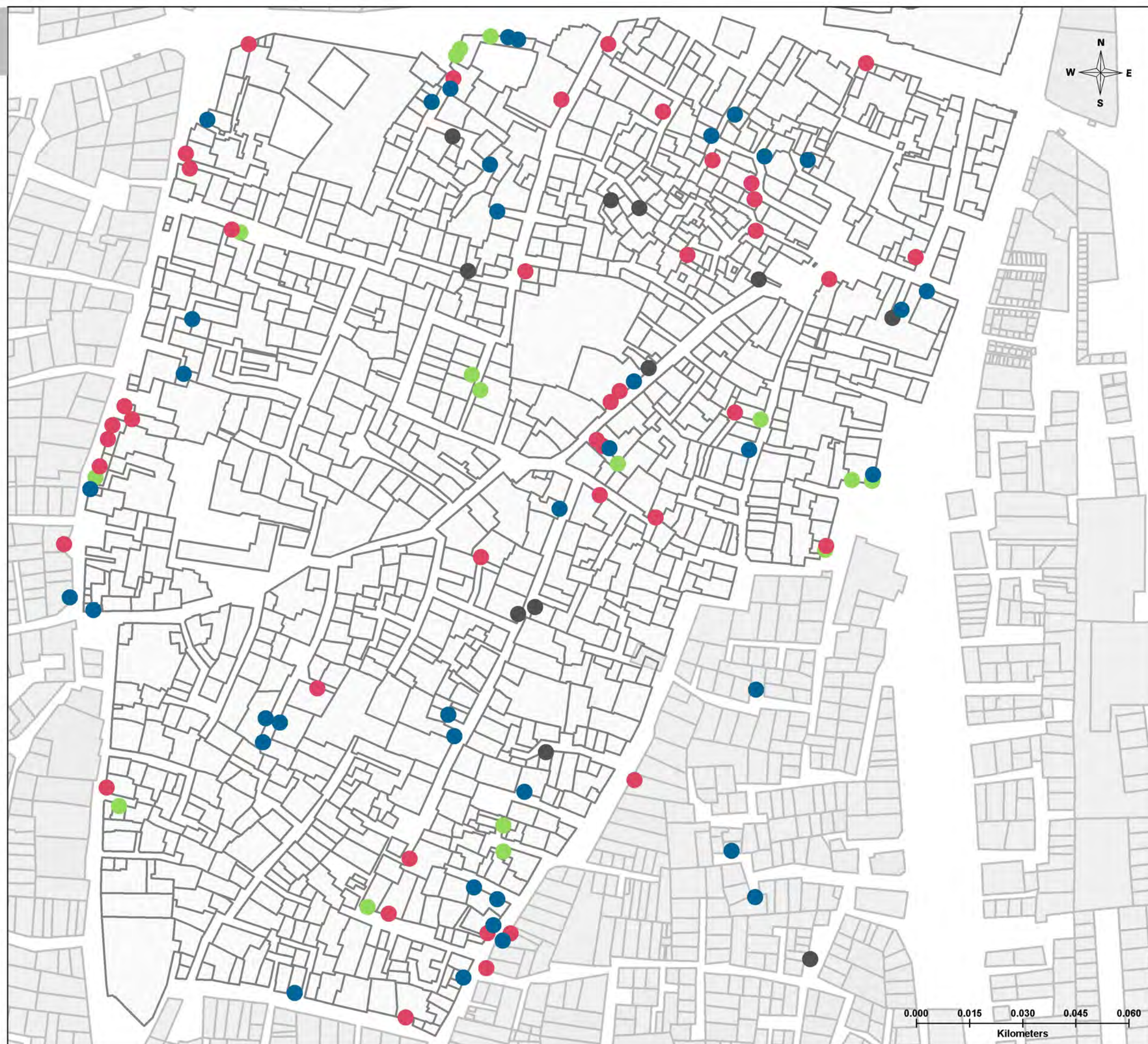
Evaluation: C3

Suitability of workshop space

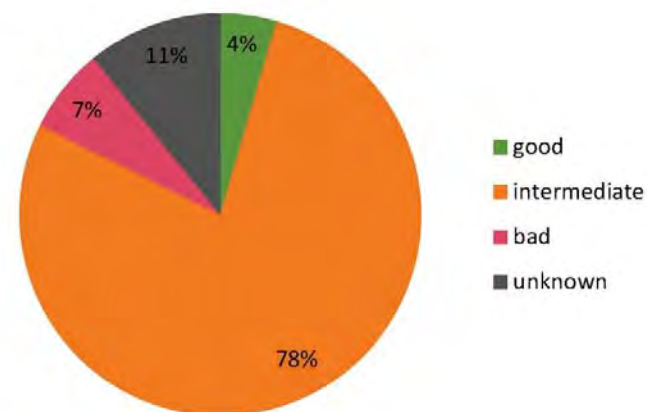
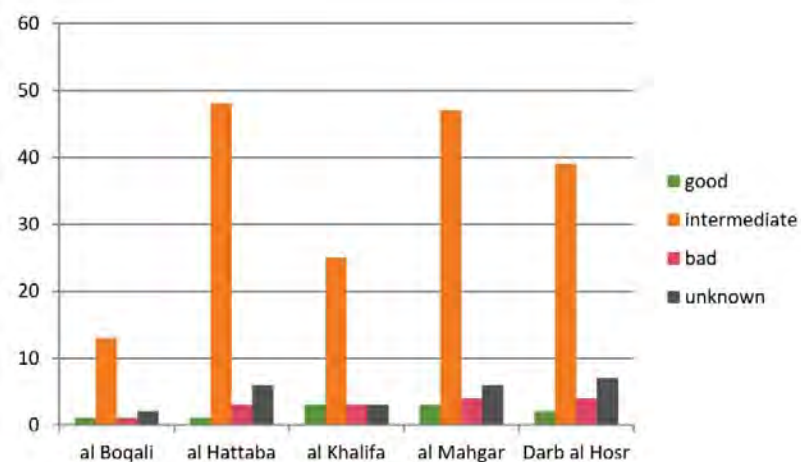
- good (34/103)
- intermediate (41/103)
- bad (16/103)
- unknown (12/103)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



C4 – Environmental condition of workshops



environmental condition -
total percentages of surveyed workshops

Shykhah	C4 - environmental condition				
	good	intermediate	bad	unknown	total
al Boqali	1	13	1	2	17
al Hattaba	1	48	3	6	58
al Khalifa	3	25	3	3	34
al Mahgar	3	47	4	6	60
Darb al Hosr	2	39	4	7	52
	10	172	15	24	221

Al Hattaba

Qism al Khalifa

Evaluation: C4

Environmental condition

- good (1/58)
- intermediate (48/58)
- bad (3/58)
- unknown (6/58)

number of surveyed workshops (58)



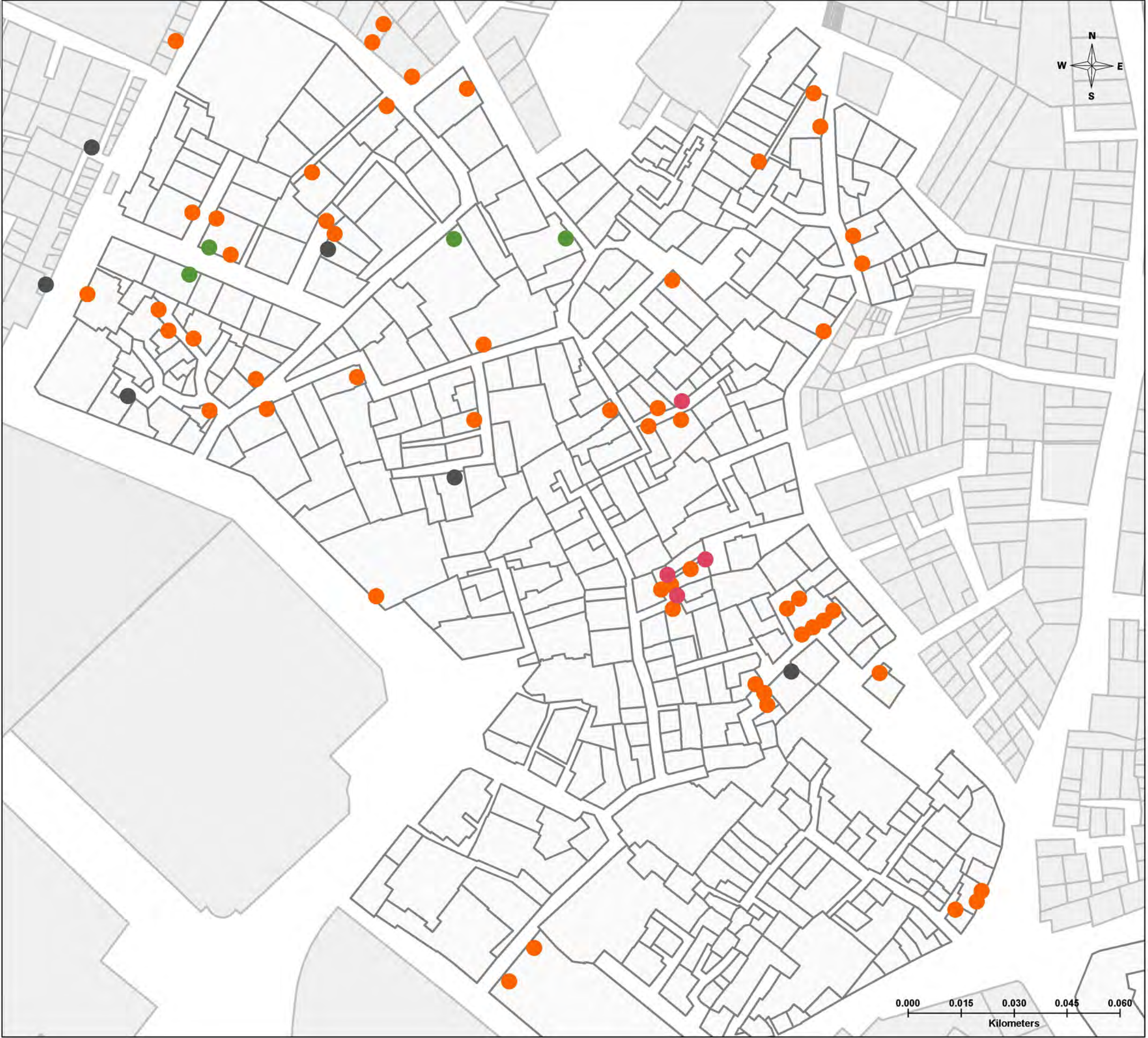
Al Mahgar
Qism al Khalifa

Evaluation: C4

Environmental condition

- good (3/60)
- intermediate (47/60)
- bad (4/60)
- unknown (6/60)

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

Qism al Khalifa

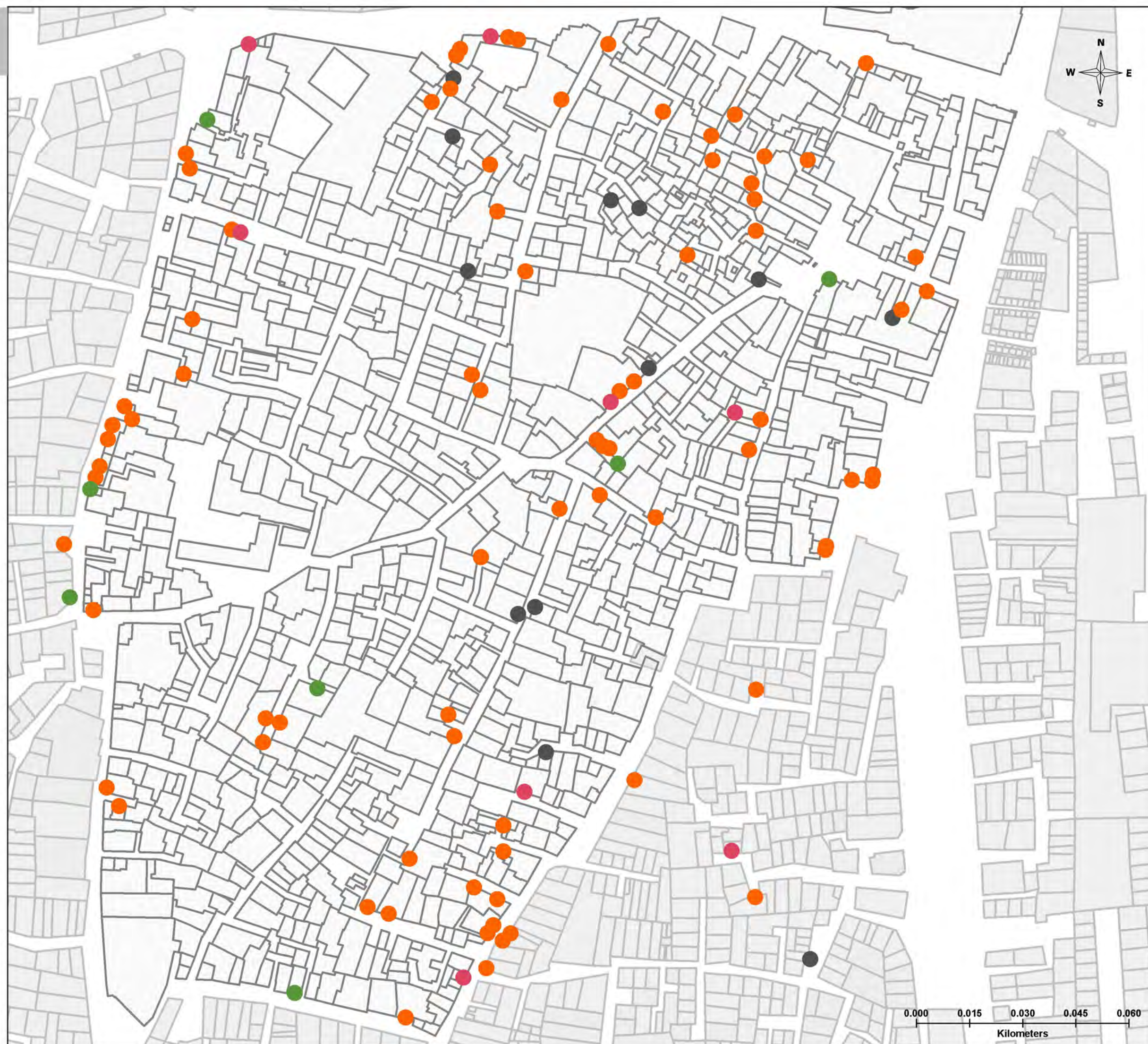
Evaluation: C4

Environmental condition

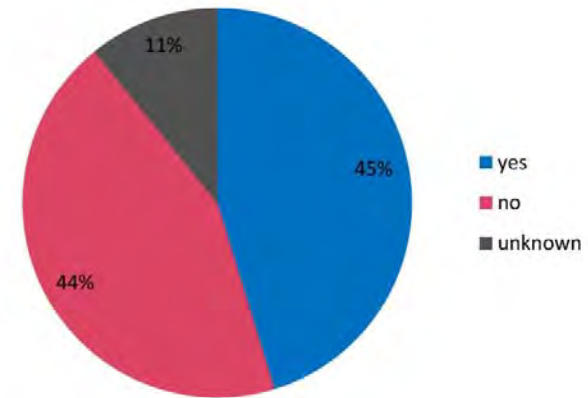
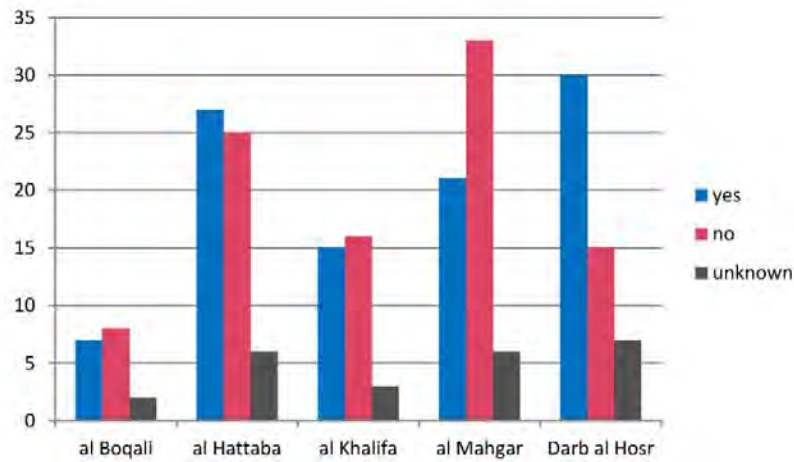
- good (6/103)
- intermediate (77/103)
- bad (8/103)
- unknown (12/103)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



C5 – Inherited/family craft activity



Inherited/family craft activity -
total percentages of surveyed workshops

Shyakha	C5 - inherited activity			
	yes	no	unknown	total
al Boqali	7	8	2	17
al Hattaba	27	25	6	58
al Khalifa	15	16	3	34
al Mahgar	21	33	6	60
Darb al Hosr	30	15	7	52
	100	97	24	221

Al Hattaba

Qism al Khalifa

Evaluation: C5

Inherited/family activity

- yes (27/58)
- no (25/58)
- unknown (6/58)

number of surveyed workshops (58)



Al Mahgar

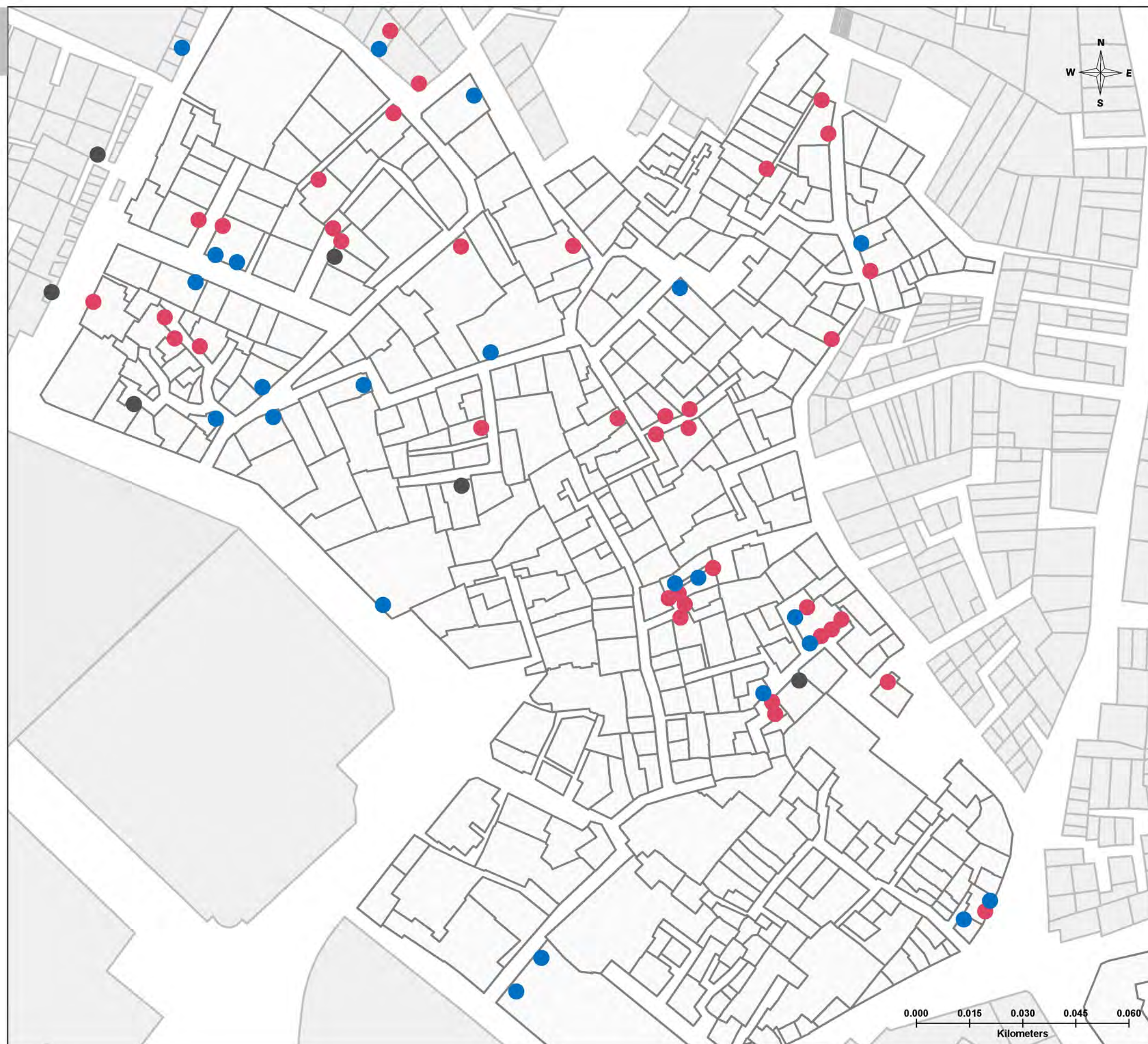
Qism al Khalifa

Evaluation: C5

Inherited/family activity

- yes (21/60)
- no (33/60)
- unknown (6/60)

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

Qism al Khalifa

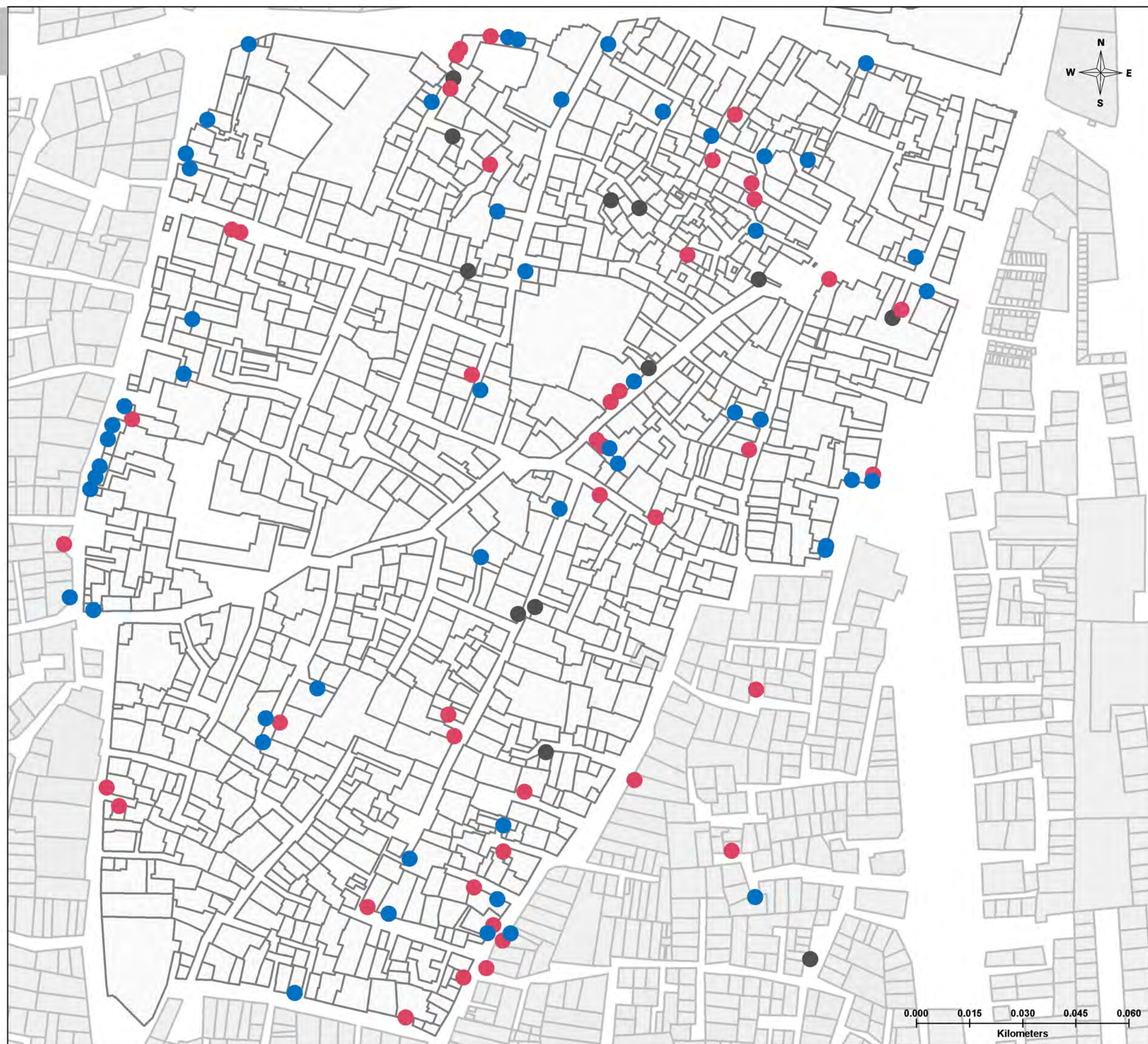
Evaluation: C5

Inherited/family activity

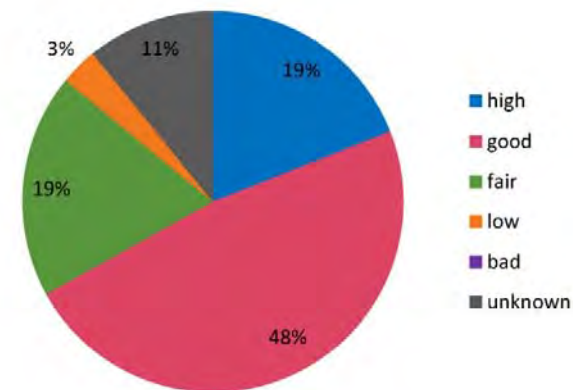
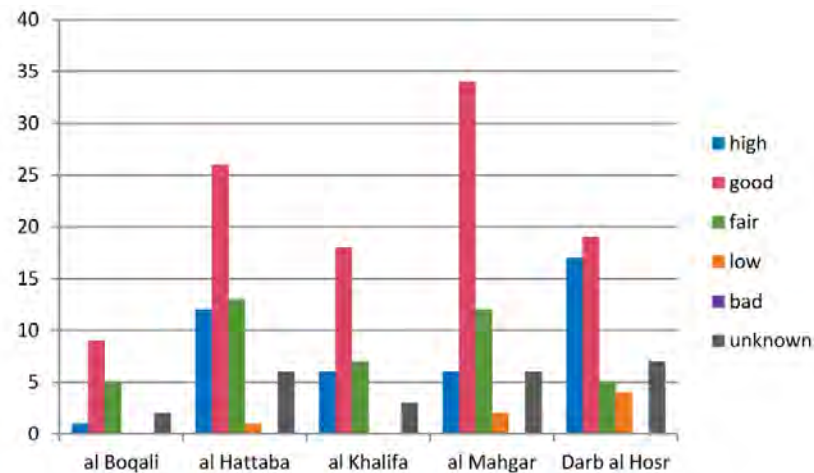
- yes (52/103)
- no (39/103)
- unknown (12/103)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



Overall evaluation of workshops



overall evaluation -
total percentages of surveyed workshops

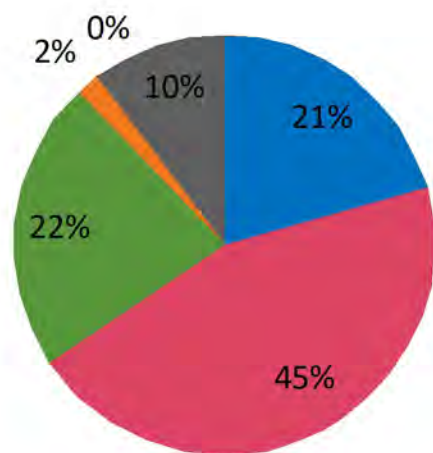
Shyakha	Overall evaluation						total
	high	good	fair	low	bad	unknown	
al Boqali	1	9	5	0	0	2	17
al Hattaba	12	26	13	1	0	6	58
al Khalifa	6	18	7	0	0	3	34
al Mahgar	6	34	12	2	0	6	60
Darb al Hosr	17	19	5	4	0	7	52
	42	106	42	7	0	24	221

Al Hattaba

Qism al Khalifa

Overall evaluation

- high (12/58)
- good (26/58)
- fair (13/58)
- low (1/58)
- unknown (6/58)



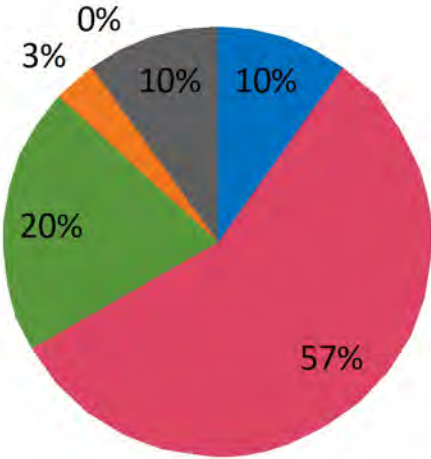
number of surveyed workshops (58)



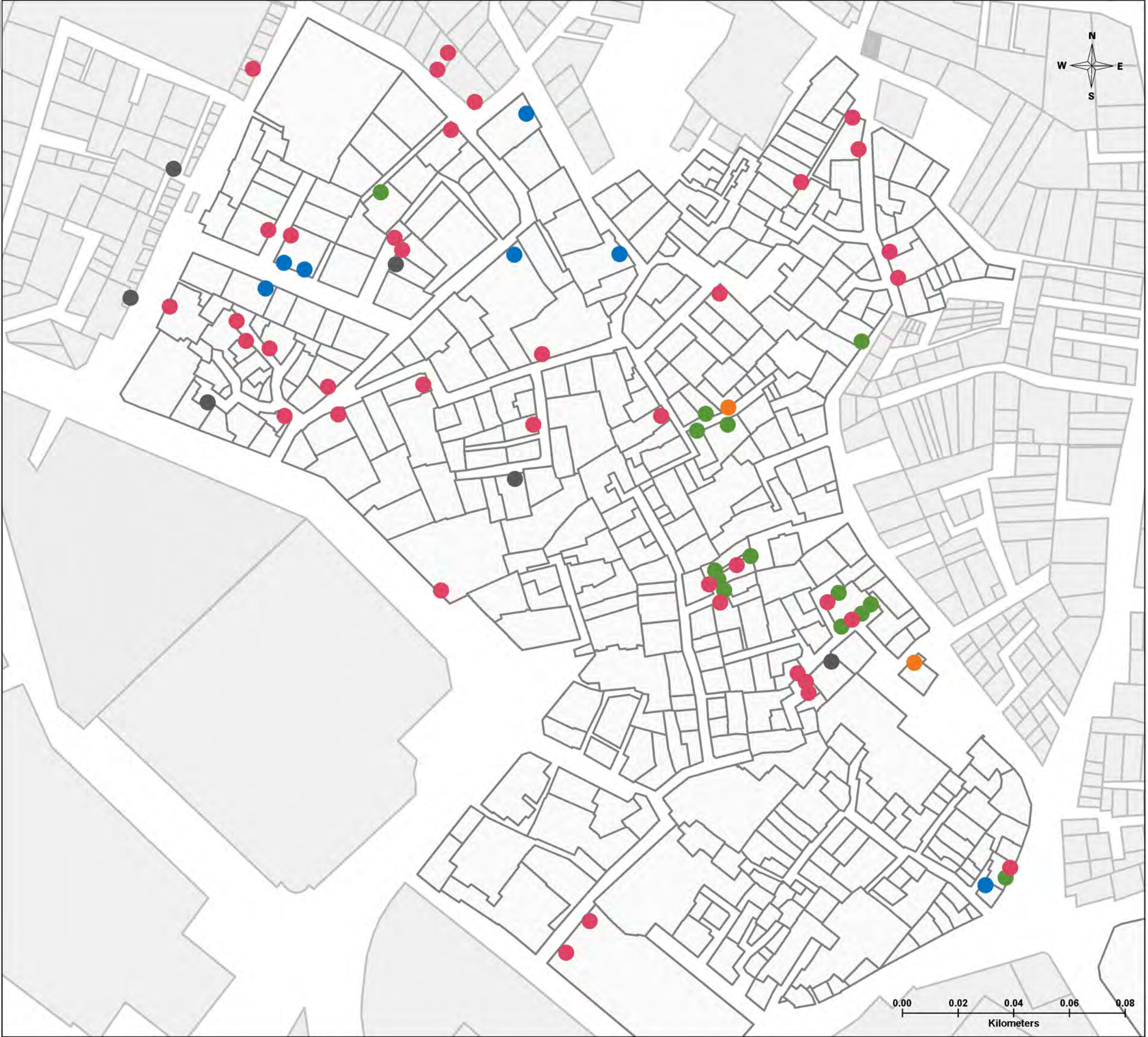
Al Mahgar
Qism al Khalifa

Overall evaluation

- high (6/60)
- good (34/60)
- fair (12/60)
- low (2/60)
- unknown (6/60)



number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

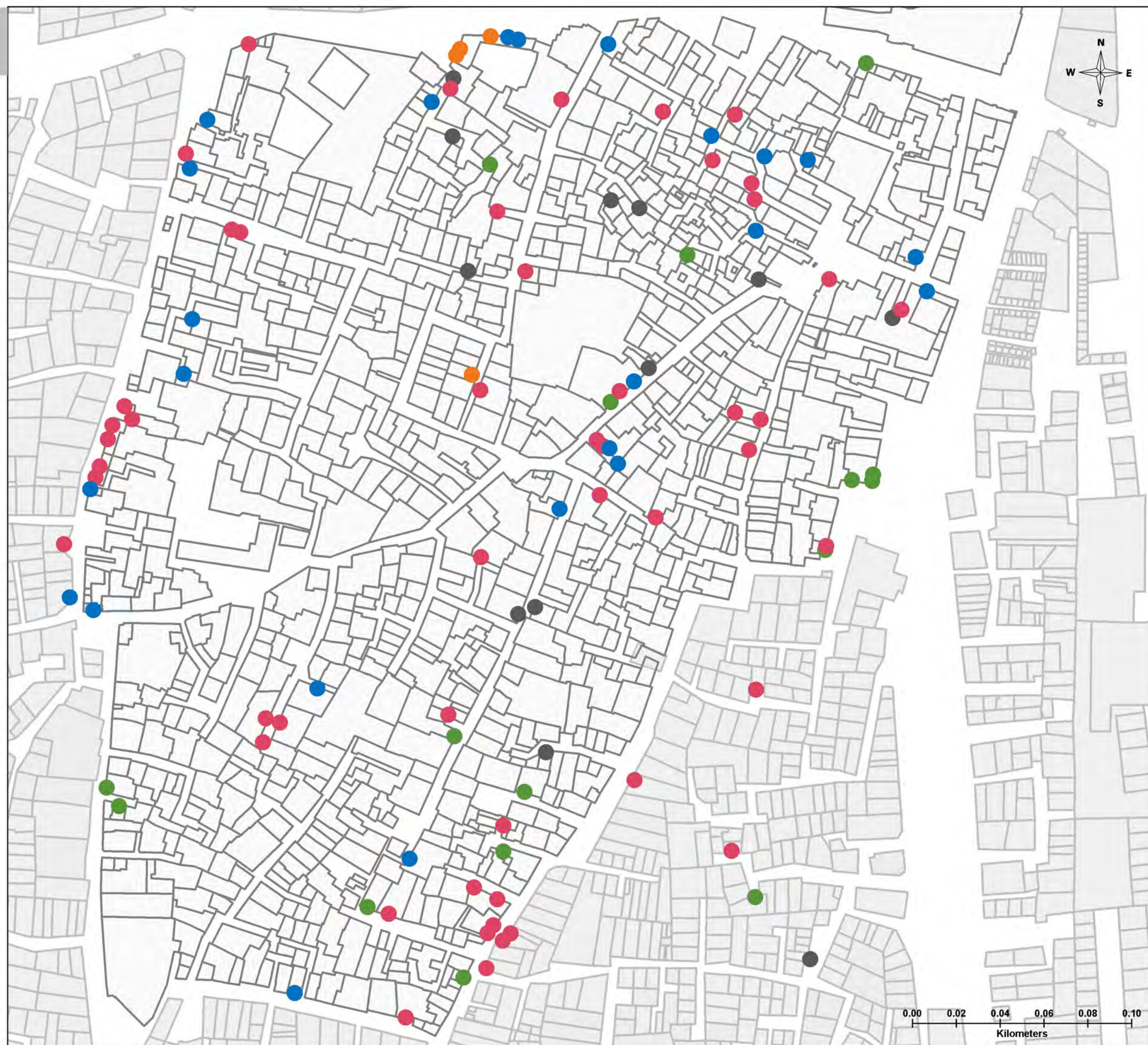
Qism al Khalifa

Overall evaluation

- high (24/103)
- good (46/103)
- fair (17/103)
- low (4/103)
- unknown (12/103)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

Endangered Crafts' Activities

Al Hattaba

Qism al Khalifa

Workshops endangered

- yes (18/58)
- unknown (6/58)

number of surveyed workshops (58)

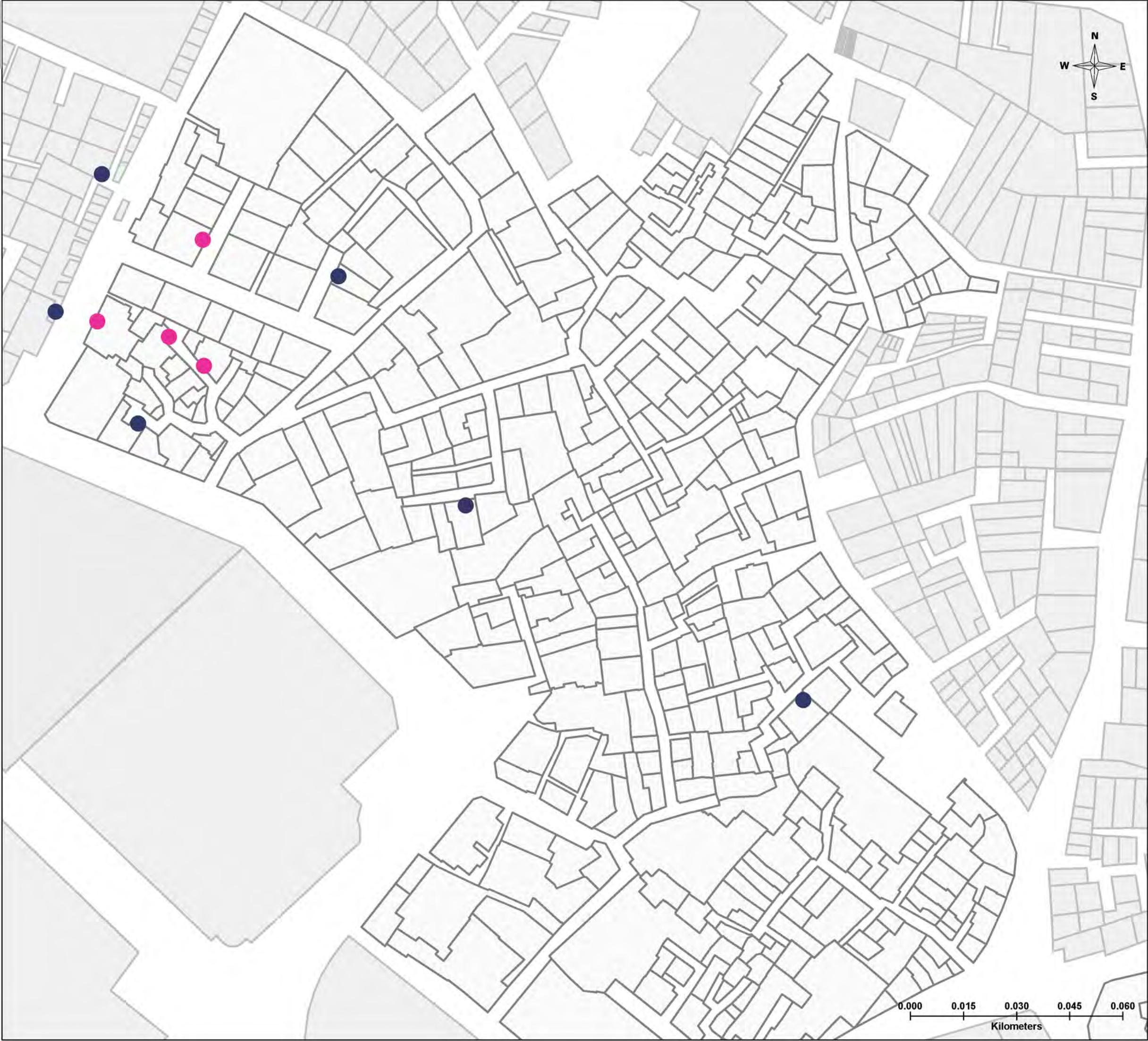


Al Mahgar
Qism al Khalifa

Workshops endangered

- yes (3/60)
- unknown (6/60)

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

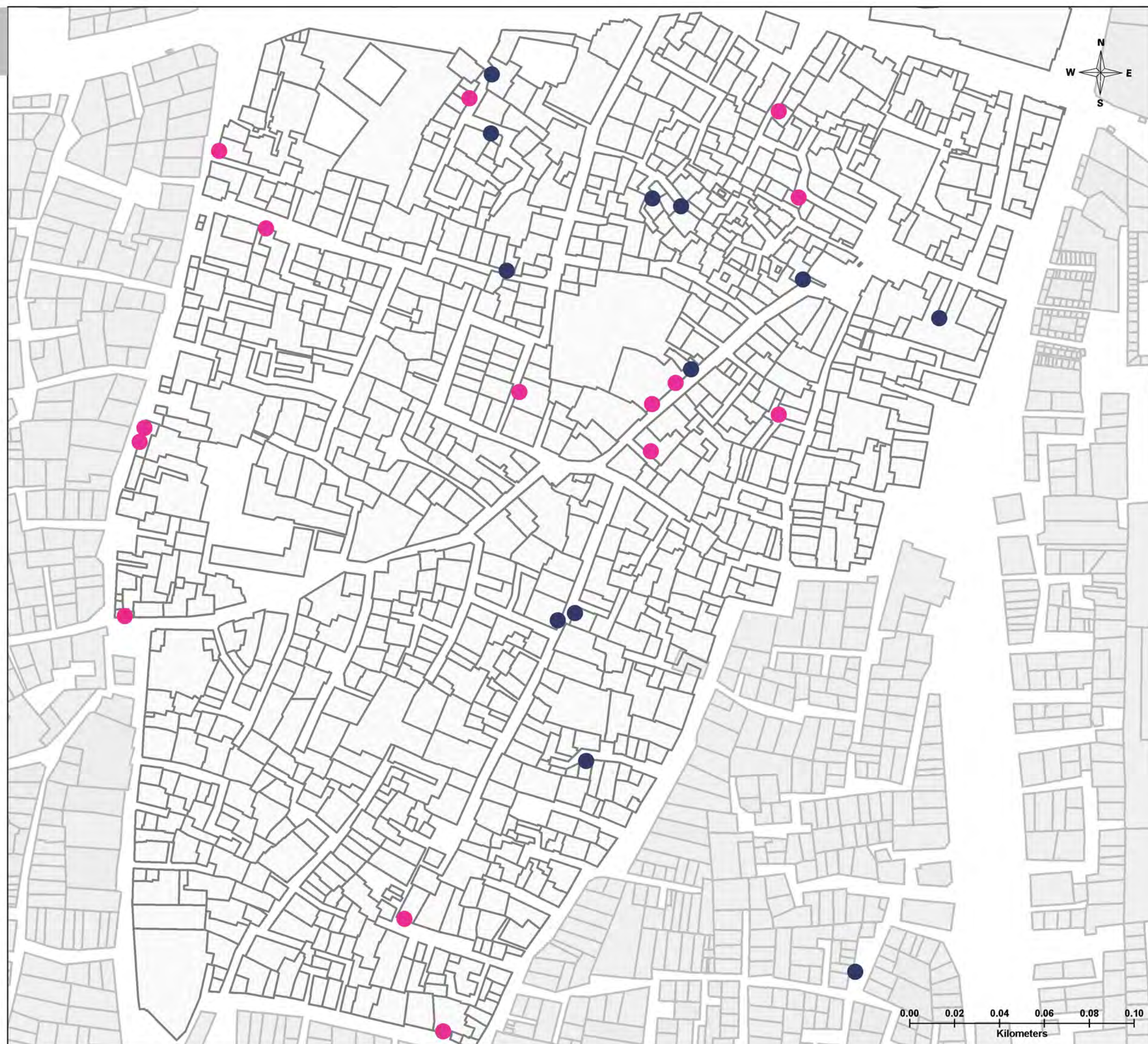
Qism al Khalifa

Workshops endangered

- yes (15/103)
- unknown (12/103)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

Cross-Query :

WORKSHOP TYPES + ENDANGERED

Al Hattaba

Qism al Khalifa

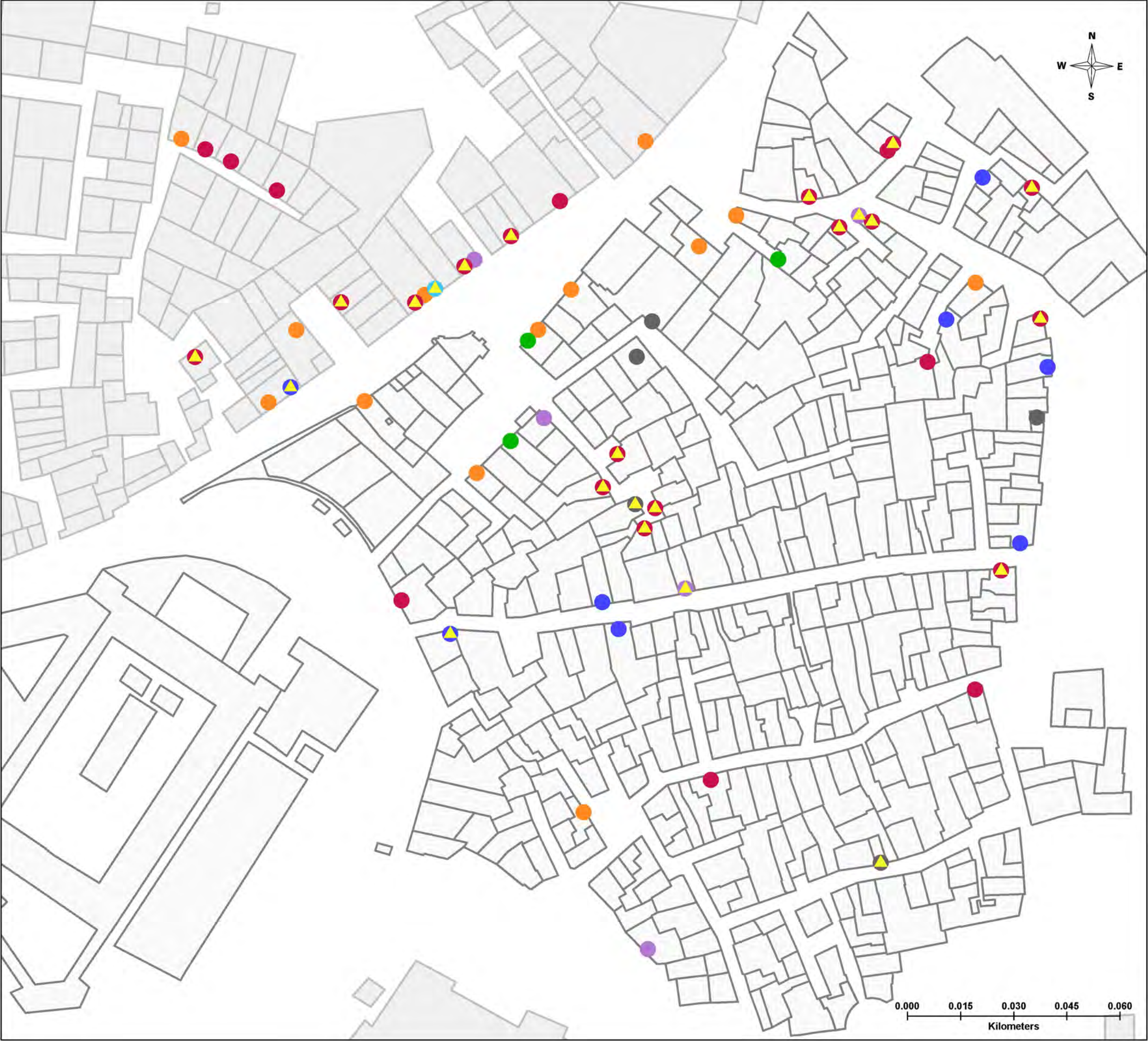
Workshop types

- carpentry (22/58)
- cars (13/58)
- food (3/58)
- leather (1/58)
- metals (6/58)
- stone/marble (1/58)
- textiles (8/58)
- others (4/58)

Crafts endangered

yes

number of surveyed workshops (58)



Al Mahgar
Qism al Khalifa

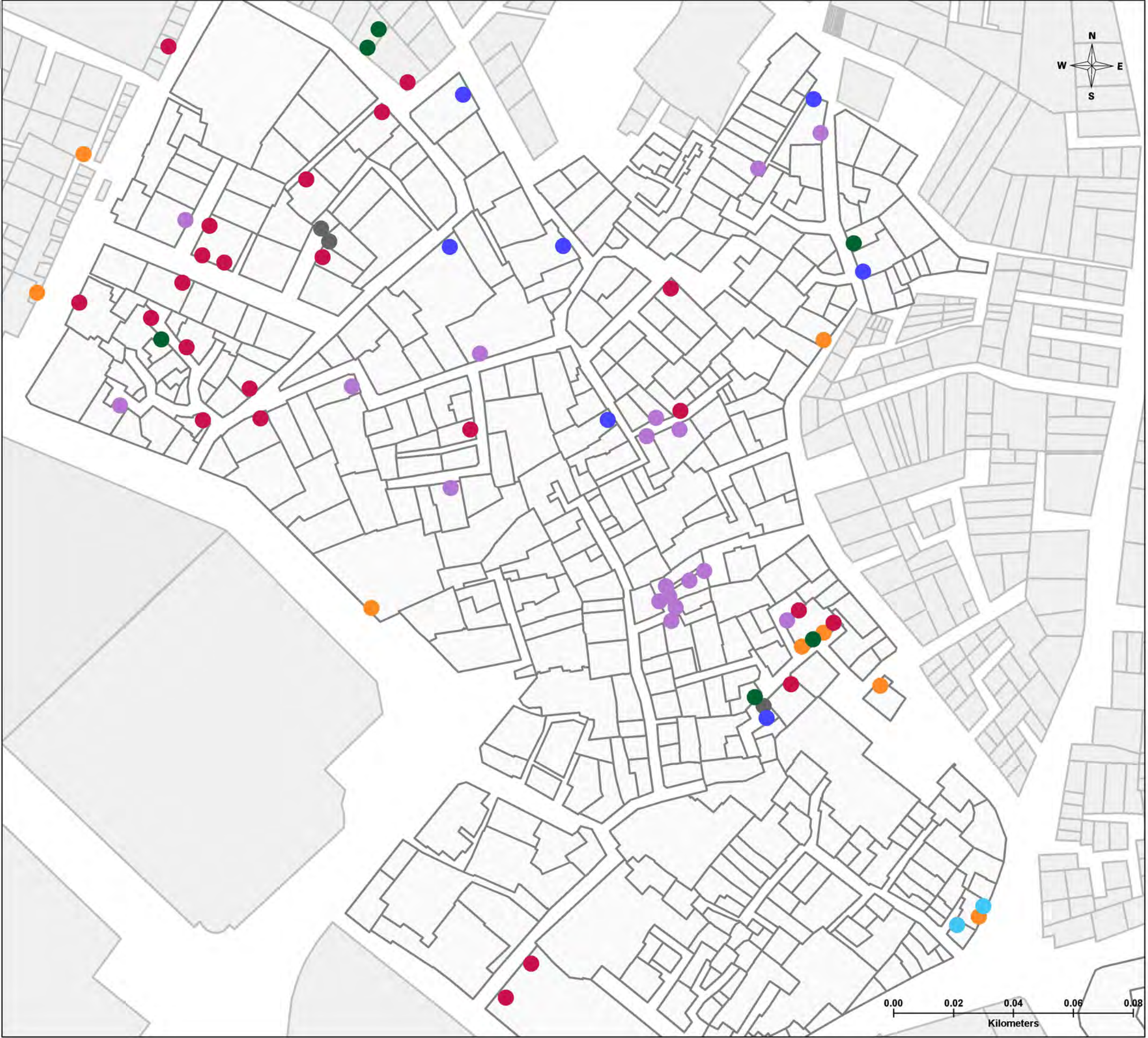
Workshop types

- carpentry (19/60)
- cars (8/60)
- food (0/60)
- leather (6/60)
- metals (16/60)
- stone/marble (2/60)
- textiles (7/60)
- others (2/60)

Crafts endangered

yes

number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Workshops types

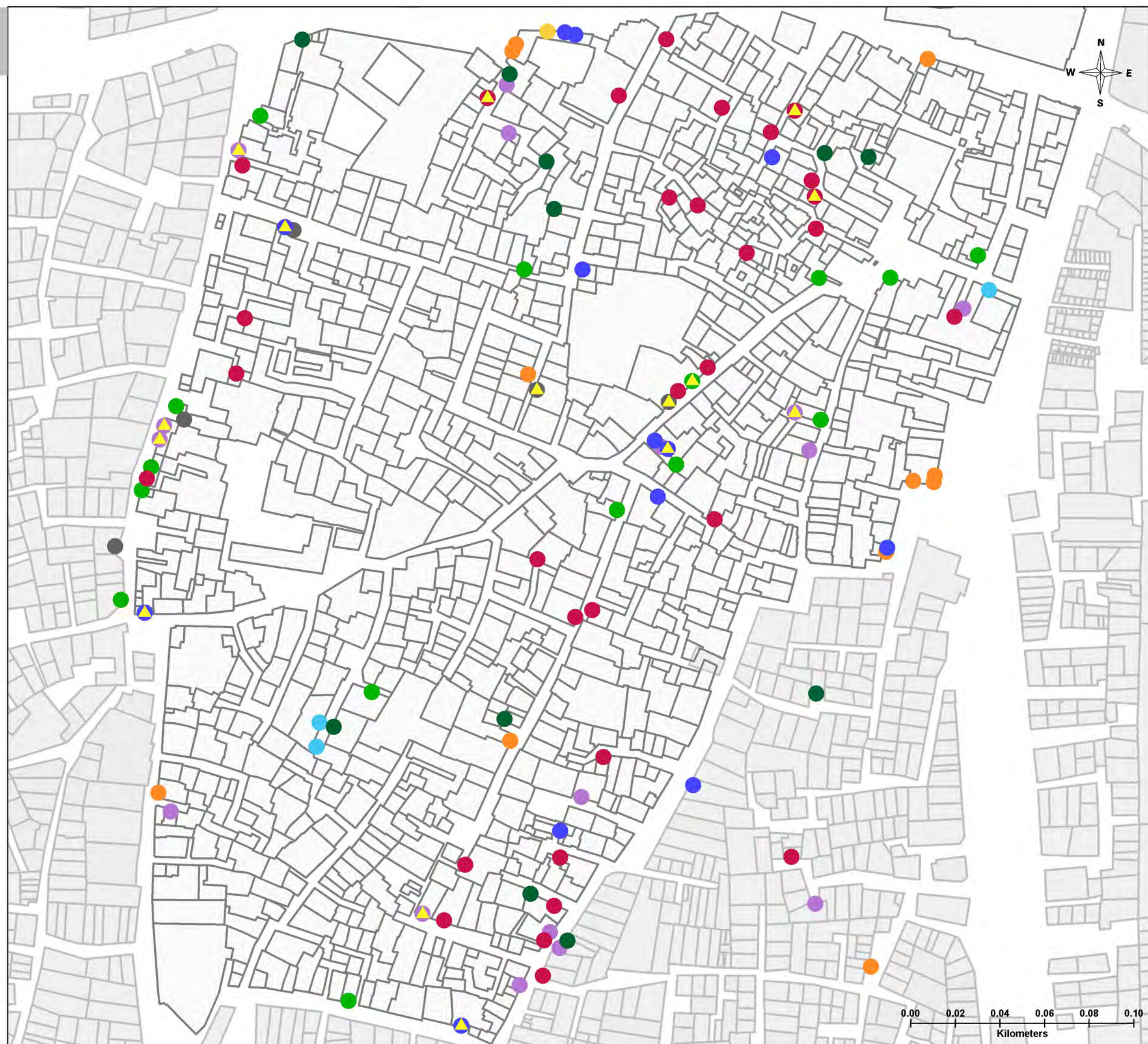
- carpentry (30/103)
- cars (11/103)
- chemical (1/103)
- food (15/103)
- leather (11/103)
- metals (16/103)
- stones/marble (2/103)
- textiles (13/103)
- others (4/103)

Crafts endangered

- yes

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

Cross-Query :

WORKSHOP TYPES + AFTER 2011

Al Hattaba

Qism al Khalifa

Workshop types

- Carpentry (22/58)
- Cars (13/58)
- Food (3/58)
- Leather (1/58)
- Metals (6/58)
- Stones (1/58)
- Textile (8/58)
- Others (4/58)

Date of establishment

- ★ after 2011 (12)

number of surveyed workshops (58)



Al Mahgar

Qism al Khalifa

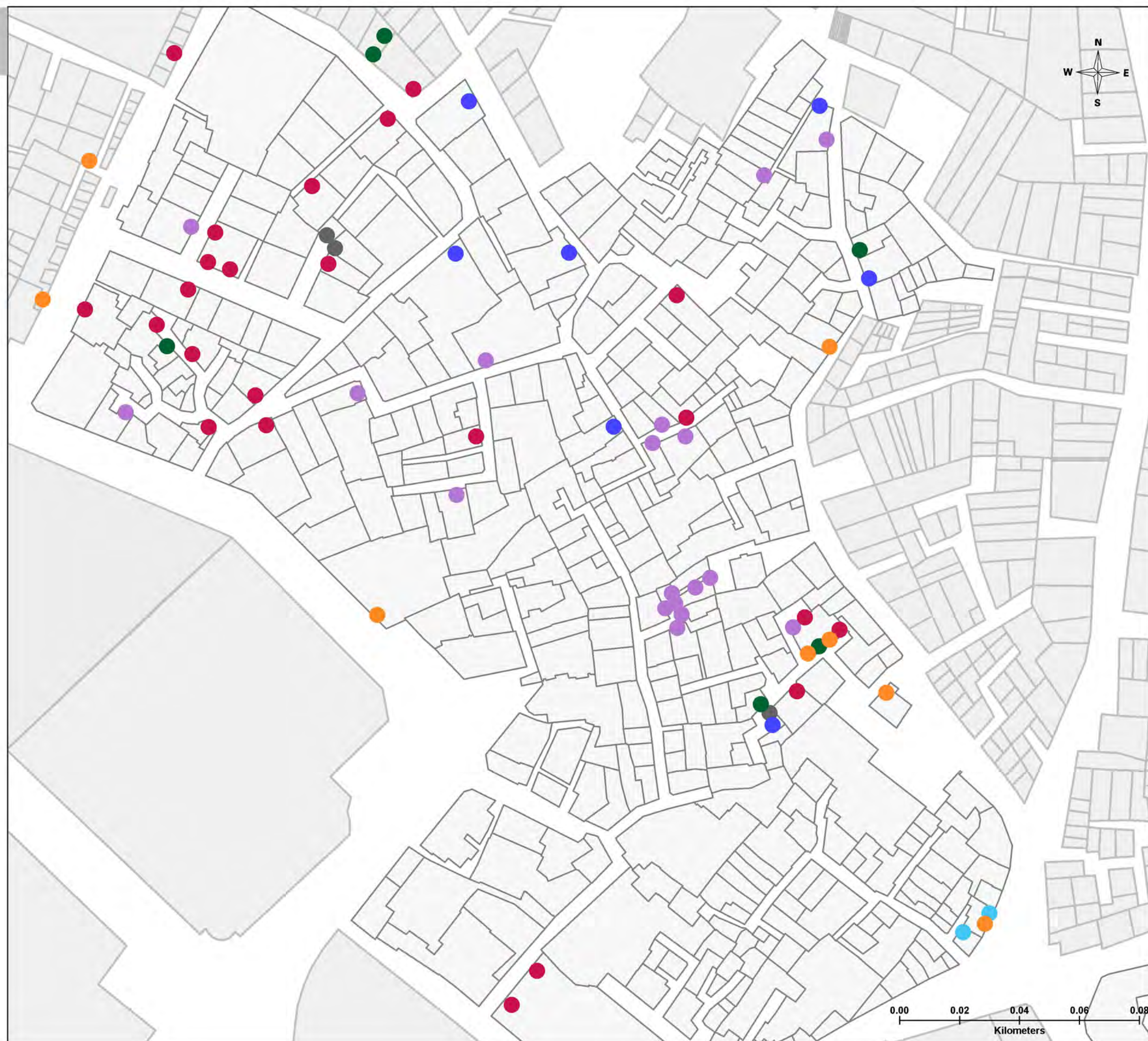
Workshop types

- carpentry (19/60)
- cars (8/60)
- chemicals (0/60)
- food (0/60)
- leather (6/60)
- metals (16/60)
- stone/marble (2/60)
- textiles (7/60)
- others (2/60)

Date of establishment

- ★ after 2011

number of surveyed workshops (60)



**Darb al Hosr
al Khalifa
part of al Boqali**

Qism al Khalifa

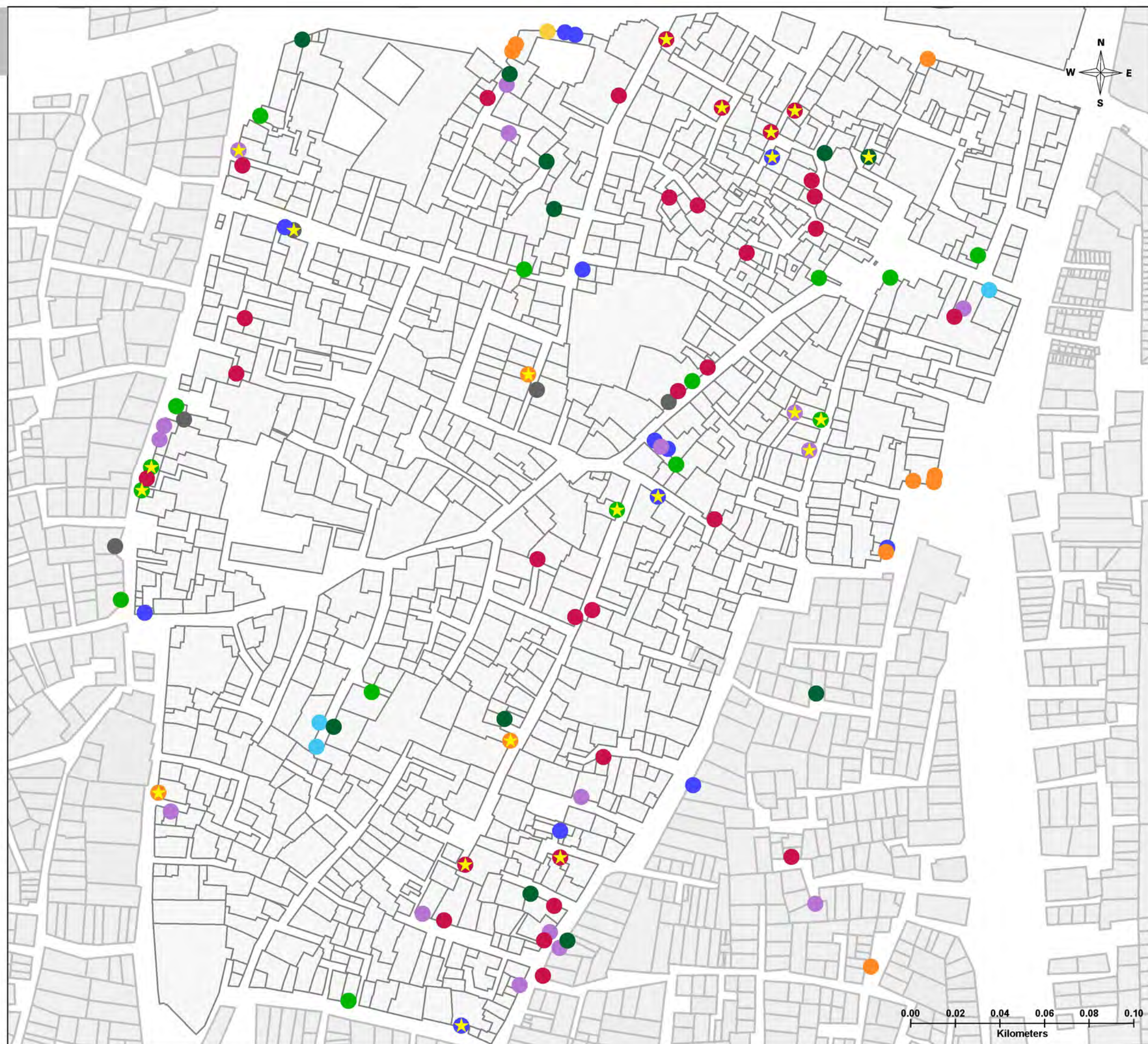
Workshops types

- Carpentry (30/103)
- Cars (11/103)
- Chemical (1/103)
- Food (15/103)
- Leather (11/103)
- Metals (16/103)
- Stones (2/103)
- Textile (13/103)
- Others (4/103)

Date of establishment

- ★ after 2011 (21)

total surveyed workshops (103)



CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

Cross-Query :

TYPES + ENVIRONMENTAL HAZARDS

Al Hattaba

Qism al Khalifa

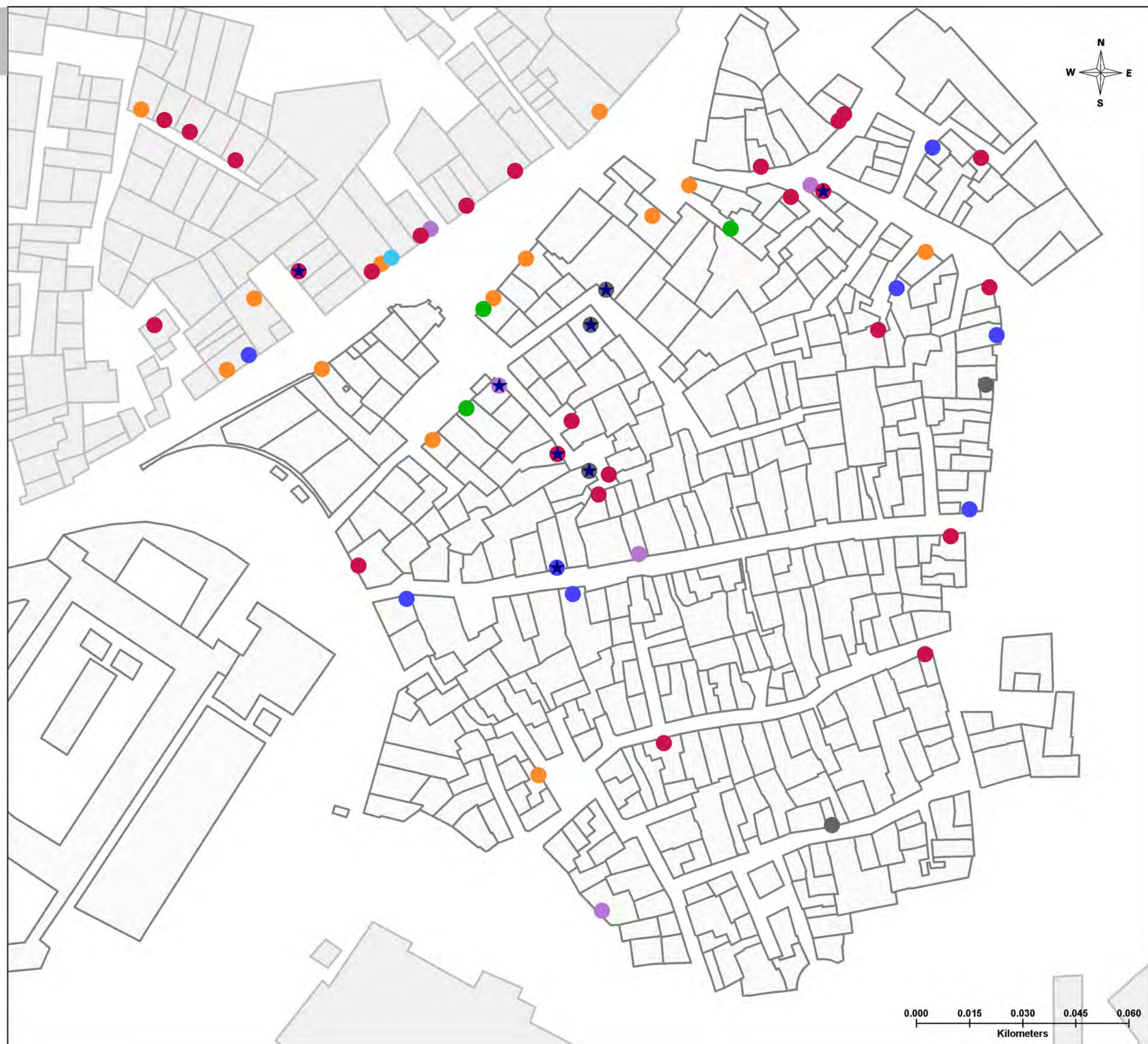
Workshop types

- carpentry (22/58)
- cars (13/58)
- food (3/58)
- leather (1/58)
- metals (6/58)
- stone/marble (1/58)
- textiles (8/58)
- others (4/58)

Environmental hazards

- ★ yes

number of surveyed workshops (58)



Al Mahgar

Qism al Khalifa

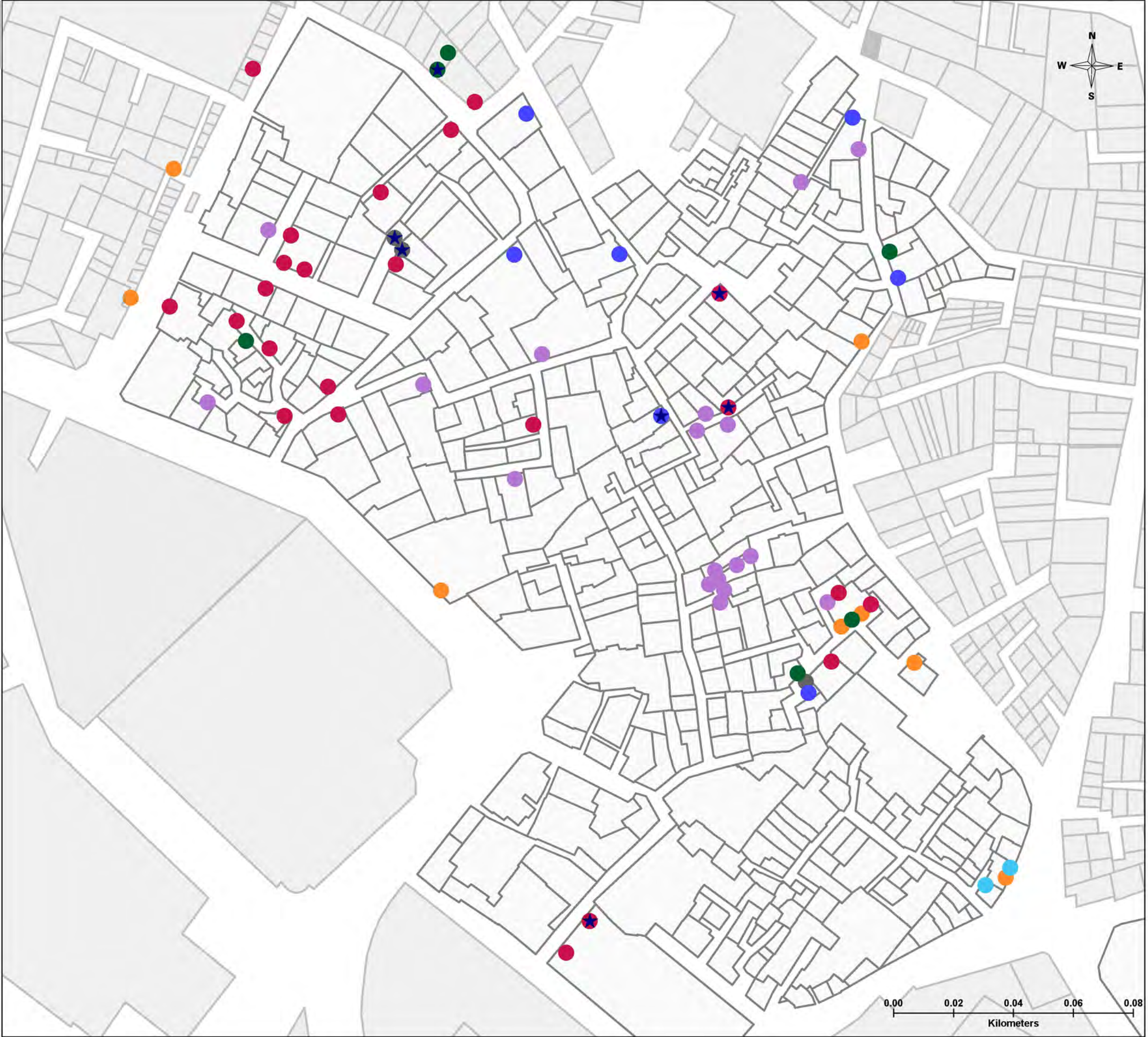
Workshop types

- carpentry (19/60)
- cars (8/60)
- food (0/60)
- leather (6/60)
- metals (16/60)
- stone/marble (2/60)
- textiles (7/60)
- others (2/60)

Environmental hazards

- ★ yes

number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Workshops types

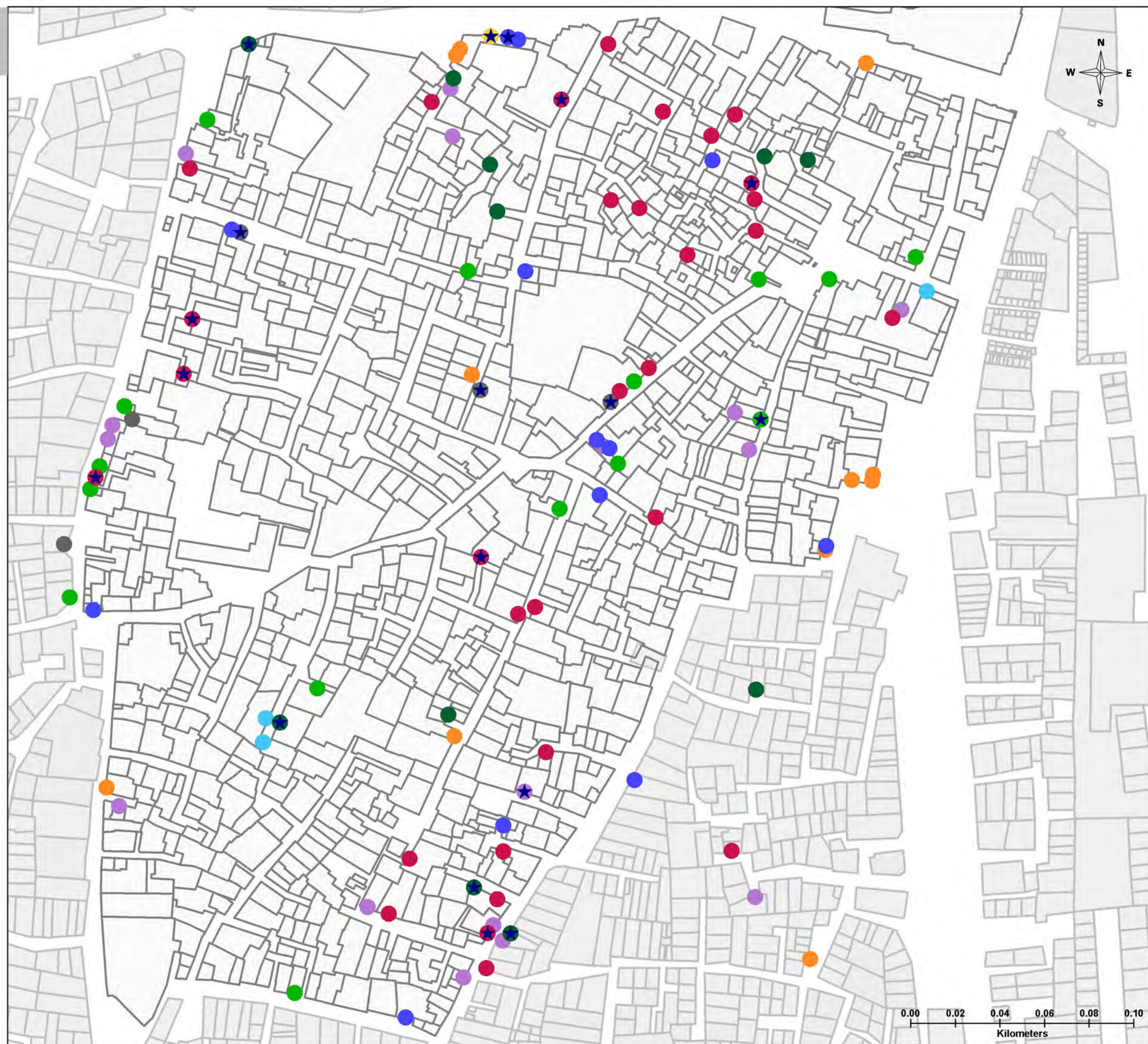
- carpentry (30/103)
- cars (11/103)
- chemical (1/103)
- food (15/103)
- leather (11/103)
- metals (16/103)
- stones/marble (2/103)
- textiles (13/103)
- others (4/103)

Environmental hazards

- ★ yes

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

Cross-Query :

SHOP CATEGORY + WORKSHOPS ENDANGERED

Al Hattaba

Qism al Khalifa

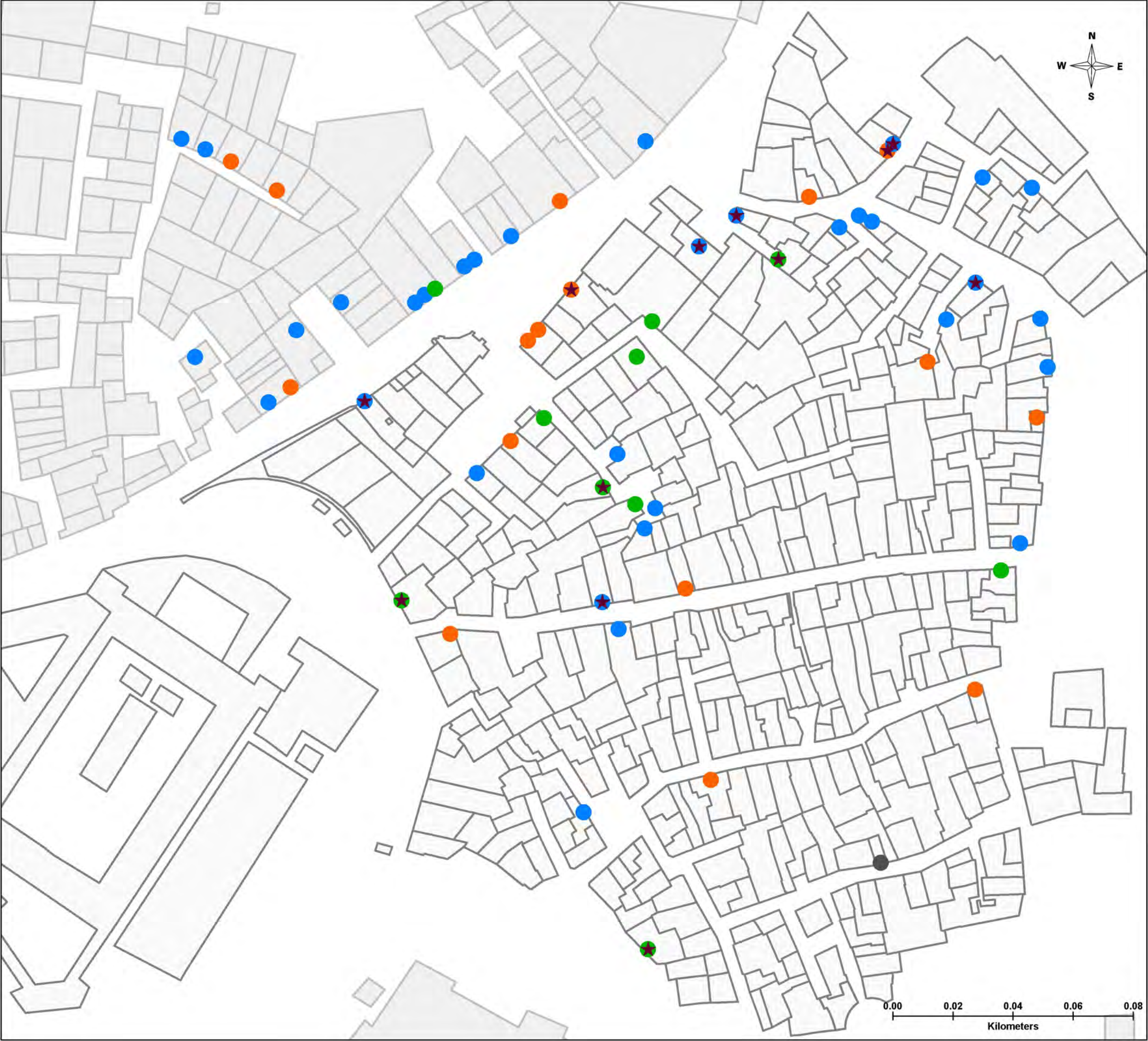
Shop category (Law 453/1954)

- Section 1 (10/60)
- Section 2 (33/60)
- Section 3 (16/60)
- unknown (1/60)

Environmental hazards

- ▲ yes (23)

number of surveyed workshops (60)



Al Mahgar

Qism al Khalifa

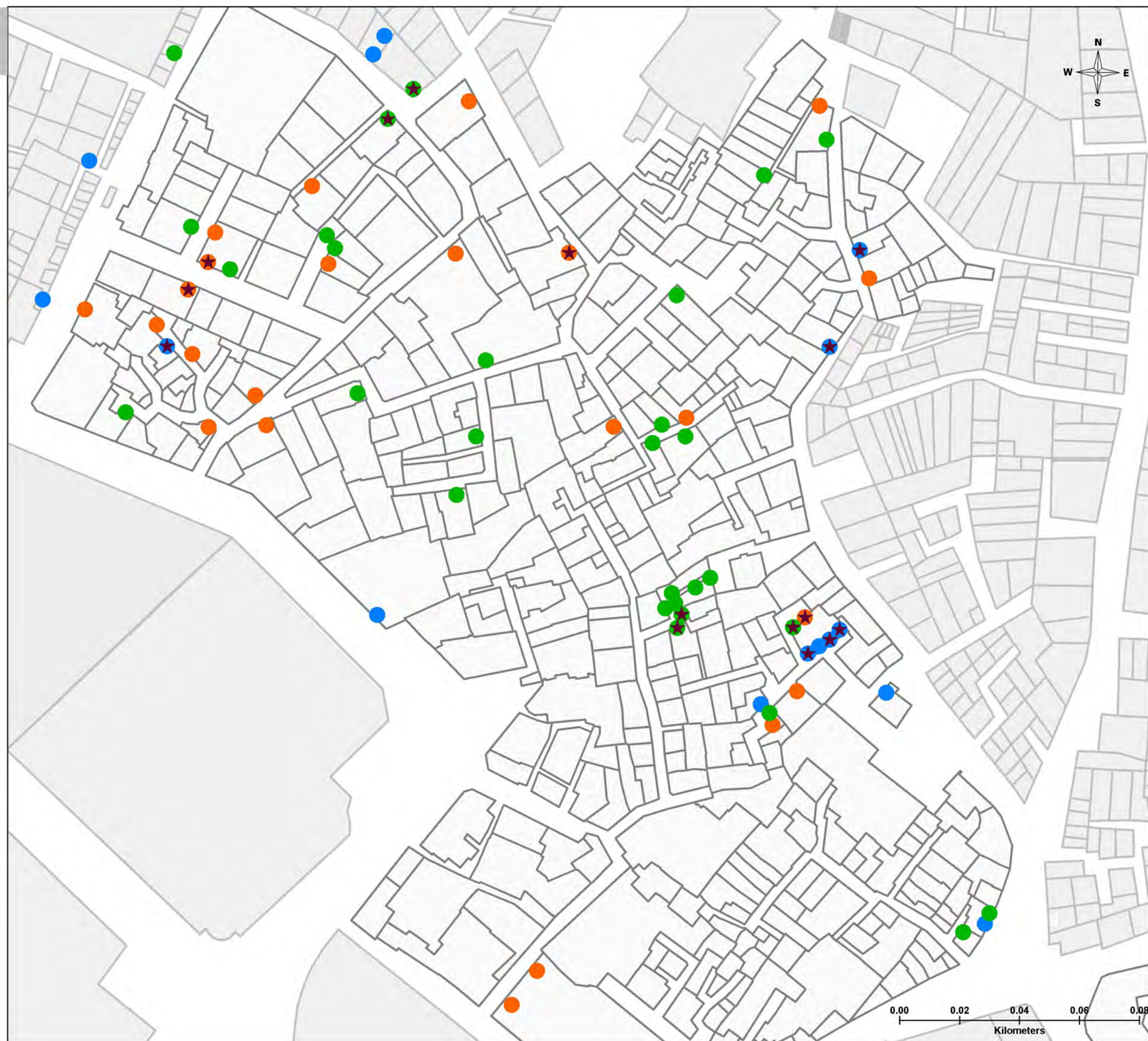
Shop category (Law 453/1954)

- Section 1 (25/60)
- Section 2 (15/60)
- Section 3 (20/60)
- unknown (0/60)

Crafts endangered

- ★ yes (13)

number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Shop category (Law 453/1954)

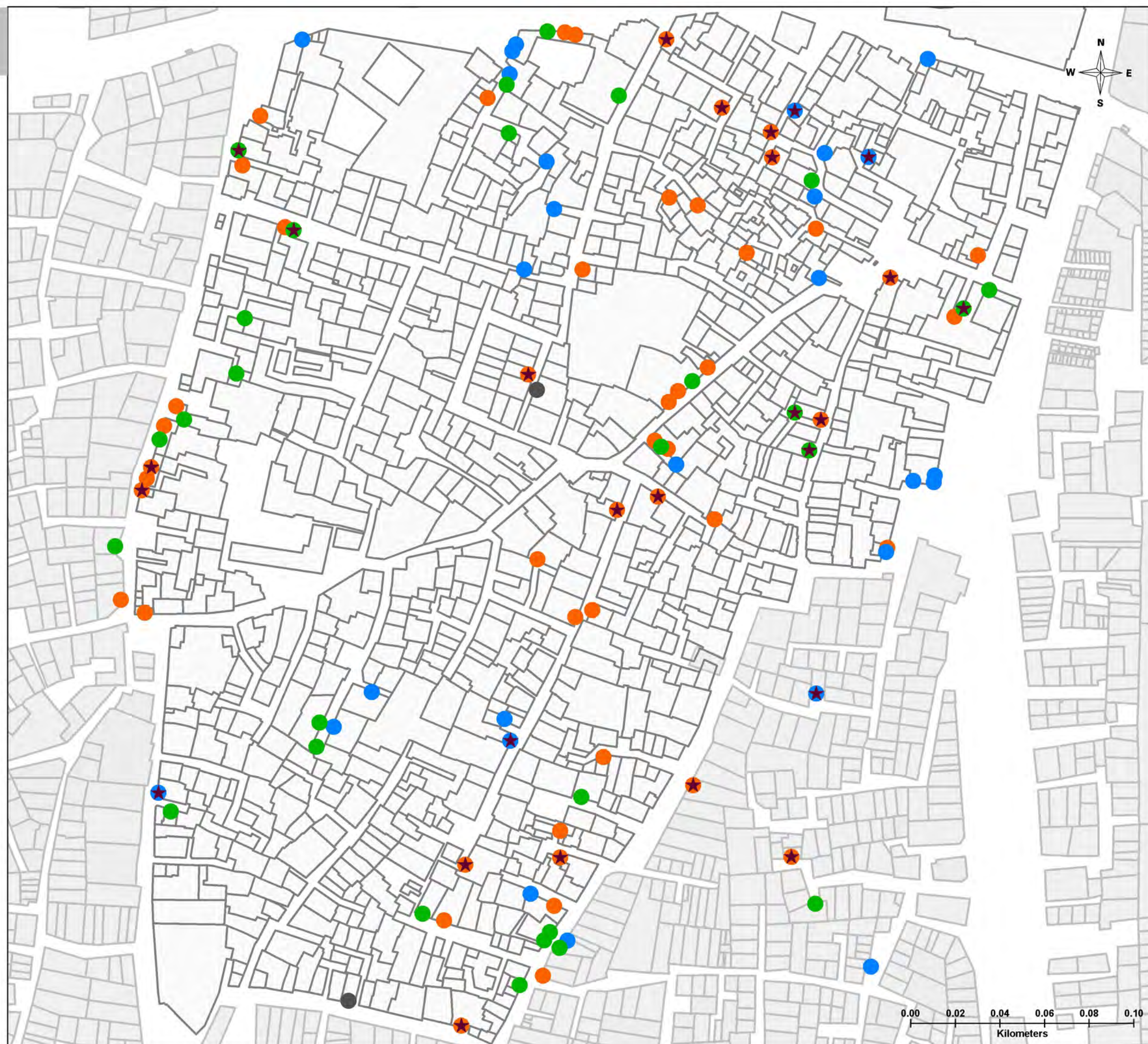
- Section 1 (28/103)
- Section 2 (27/103)
- Section 3 (49/103)
- unknown (2/103)

Crafts endangered

- ★ yes (26)

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)



CRAFTS SURVEY IN THE ACTION PROJECT AREA

outcomes in the shyakhas of

al Boqali - al Hattaba - al Khalifa - al Mahgar - Darb al Hosr

Cross-Query :

SHOP CATEGORY + ENVIRONMENTAL HAZARDS

Al Hattaba

Qism al Khalifa

Shop category (Law 453/1954)

- Section 1 (10/58)
- Section 2 (33/58)
- Section 3 (16/58)
- unknown (1/58)

Environmental hazards

- yes (23)

number of surveyed workshops (58)



Al Mahgar

Qism al Khalifa

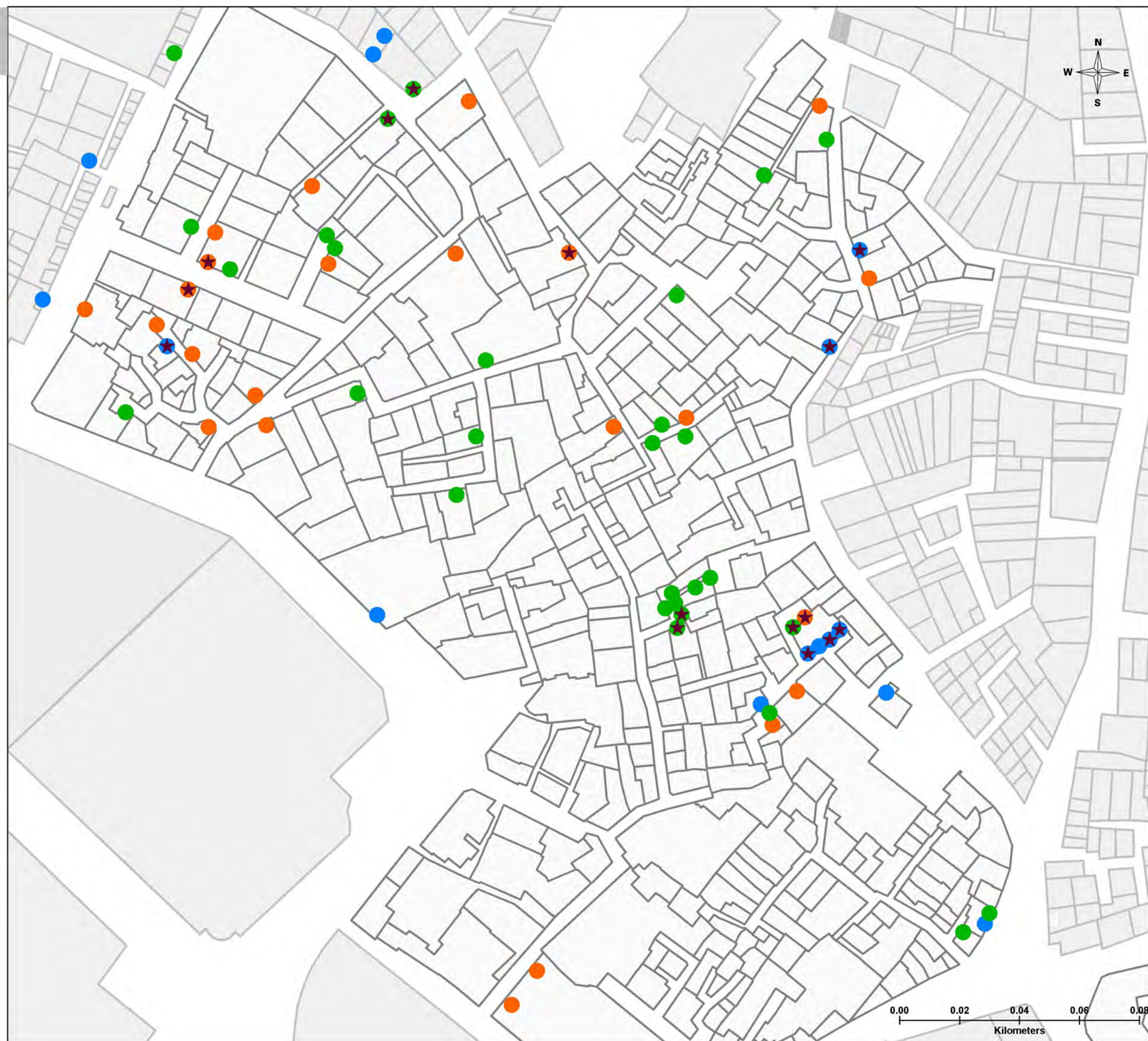
Shop category (Law 453/1954)

- Section 1 (25/60)
- Section 2 (15/60)
- Section 3 (20/60)
- unknown (0/60)

Environmental hazards

- ★ yes (13)

number of surveyed workshops (60)



Darb al Hosr al Khalifa part of al Boqali

Qism al Khalifa

Shop category (Law 453/1954)

- Section 1 (28/103)
- Section 2 (27/103)
- Section 3 (49/103)
- unknown (2/103)

Environmental hazards

- ★ yes

Total surveyed workshops in
Darb al Hosr area (103):

- Shyakha Darb al Hosr (52)
- Shyakha al Boqali (17)
- Shyakha al Khalifa (34)

