# Sort And Cash Dreib Al-Awsat & Dreib El-Gharbi

Eng. Jihad Jawad Laudie Dib

### GIS as an Idea

In 2019, GIS at the Dreib Al-Awsat

Union started as an idea!!



#### Oct 2019

Touristic Map & Street Numbering

### Aug 2021

Household Survey

### **June 2022**

Solid Waste Data Collection

### **March 2020**

Salamati Application

#### **Dec 2021**

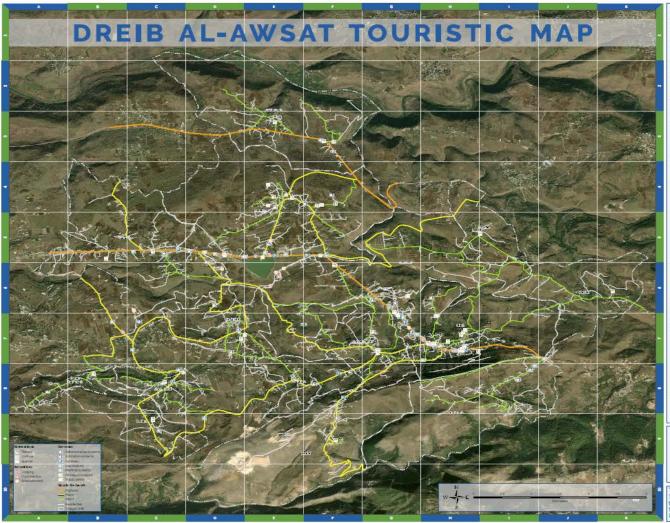
Database Acquisition

### Sep 2022

Sort And Cash Launching



### Touristic Map & Street Numbering



- B5 Daouceh Stadium B8 Douair Adaouiyeh Mosque C5 Al-Omarein Mosque C8 Kherbet Char Mosque C9 Guardian Sheikh Muhammad
- Imam Husein Ben Ali Mosque Ain El-Zeit Mosque
- E3 Debbabiyeh Mosque E4 Kouachra Garden Kouachra Garden West Mosque
- Church F4 East Mosque
- Fa East Mosque
  Al-Rameh
  F6 Amriyeh Mosque
  F9 Majdel Mosque
  G6 Bireh Stadium
  G7 Prophet David Mosque
  Kherbet Daoud Stadium
  Kherbet Daoud Garden
  H7 Mersah Serail
- Hz Meraab Serail Bireh Canon Bireh Clock Bireh Mosque Bireh Garden Bireh Forest

#### HANDCRAFTS

- Ds Chourouq Clothing Dr Fadila Hsein
- E4 Sewing Workshop F4 Mina Ali Al-Hasan F5 Bara'a Hasan
- Hz Marcelia Yehia Farlwa Ahmari Al-Assaari

#### AMENITIES

- C8 Al-Wadi Pool D5 Merehbi Gym D6 Al-Mokhtar Hall
- E4 Horseback Riding Es Swimming Pool Al-Bouhayra Restaurant
- Al-Bouhayra Hestaurant Frateli Abou El-Abed Restaurant E6 Al-Ekhwa Swimming Pool Swimming Pool
- Yeldizlar Hall. G6 Jihad Cente
- Best of the Best Tasty Crepe Break Food Bein Sports Al-Khawaja Pastry Al-Baher Pastry

#### SERVICES

- A8 Douair Adaouiyeh Municipality
  C5 Daouceh Technical School
  Daouceh Pharmacy
  C7 Future Modern School
  C8 Kherbet Char Municipality
  Kherbet Char Public Mixed School
- Cg Berbara Municipality
  D5 Merhbi High School
  Mahmoud Mahmoud Gas Station
  Nour B-Huda School
  El Kouachra Governmental
- El Kouachra Government Dispensary Adam Medical Center Al-Dreib Pharmacy Sousou Cell OMT D6 DJM Gas Station D7 Ain El-Zeit Municipality Ain El-Zeit School Rabih Al-Atfal School
- Es Union of Municipalities of Dreib Al-Awsat El Kouachra Municipality
- El Kouachra Municipality
  Haji Muctafa Awad Gao Station
  Al-Dreib Medical Dispensary
  July Pharm Pharmacy
  F3 Debbabiyah Public School
  El Kouachra Hujb School
  El Kouachra Hujb School
  F5 El Eireh Station
  F8 Daghleh Municipality
  Al-Elm W6 Al-Iclah School
  Mucsa Saleh Ol-Press
  F8 Maifel Municipality

- Mousea Saleh Olt-Press
  Pa Mgleb Municipality
  G6 Religious Supreme Court
  Durst A. Isharin School
  Al-Bayat Station
  Al-Bayat Station
  Al-Royat High School
  G7 Al-Noor Islamic School
  Dreb Medical Center
  Berk Health Center
  Berk Health Center
  Alvar Fature Pharmacy
  Kherbet Daoud Municipality
  Community Center
- Where Double Minimipality
  Where Double Minimipality
  Community Center
  H6 Kineard Al-Neur School
  H7 Birsh Municipality
  Social Affaits Center
  April Minimipality
  Social Affaits Center
  April Minimipality
  April Minimipality
  April Minimipality
  April Minimipality
  April Development
  L8 Birsh
  Al-Furgan Indiffute
  Birsh Technical School
  Birsh Halp School
  Birsh Bookstore
  Caral Station Coral Station Bireh Health Center (Turkish Donation) Al-Ataa Charitable Dispensary
- Harbas Grantable paper Kabita Kanduniya El Bireh Pharmacy Abboudy Cell 18 Sindianeh Municipality Sindianeh Public School OJM Station J7 Sindianeh Pharmacy



SCAN THE QR CODE FOR **DETAILED INFORMATION** 

his project has been implemented by SKL International, affiliate of the edish Association of Local Authorities and Regions, in partnership wil he University of Balamand, and in cooperation with the Union of funicipalities of Dreib Al-Awsat, funded by Sweden through the Swedis Regional Strategy for the Syria Crisis as a part of the RESLIGG project



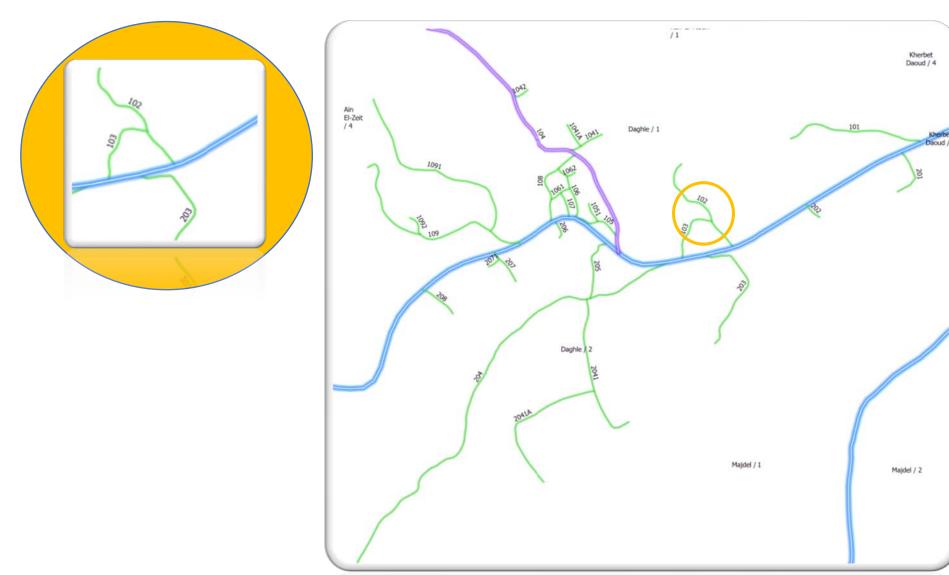




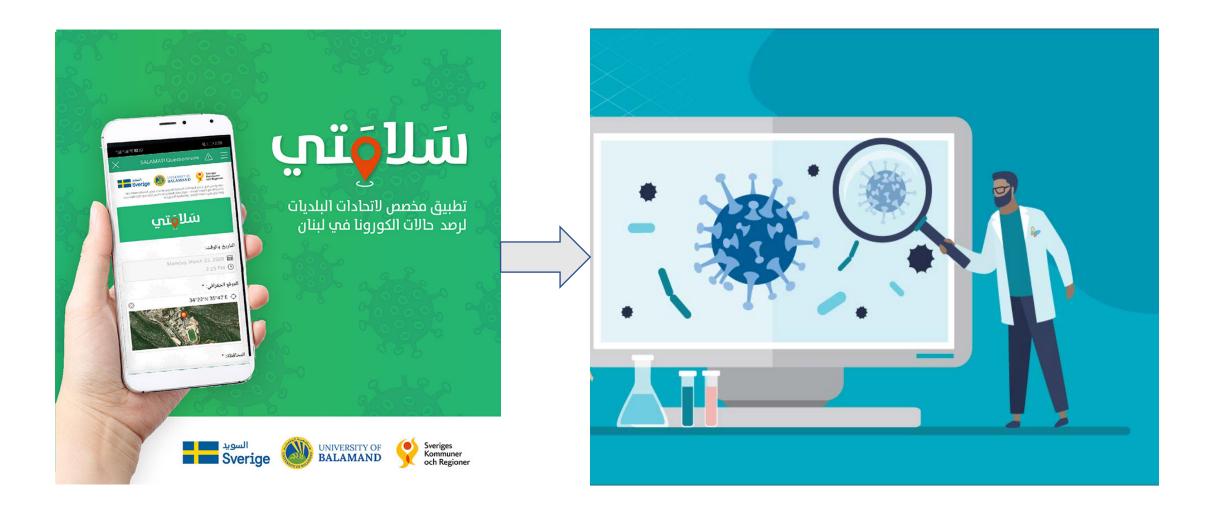




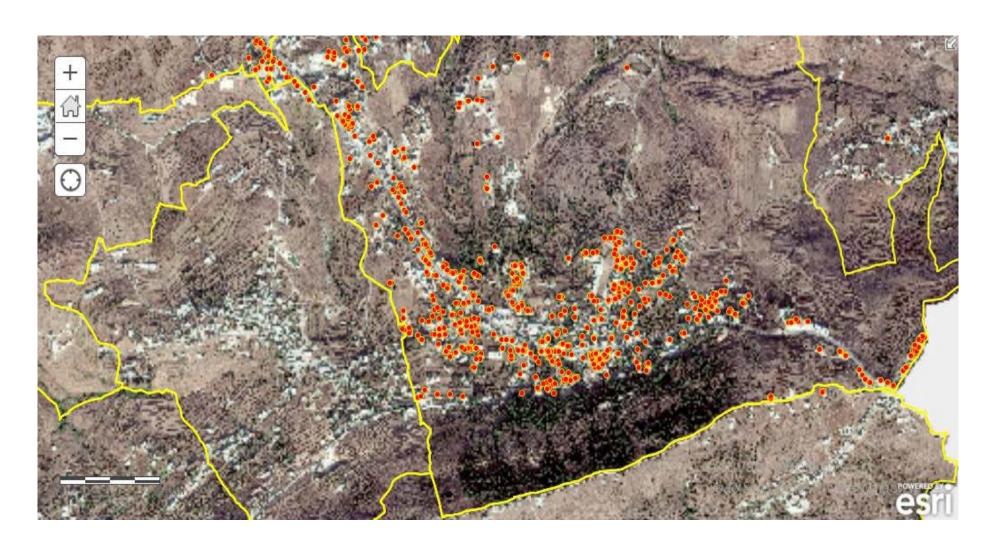
## Touristic Map & Street Numbering



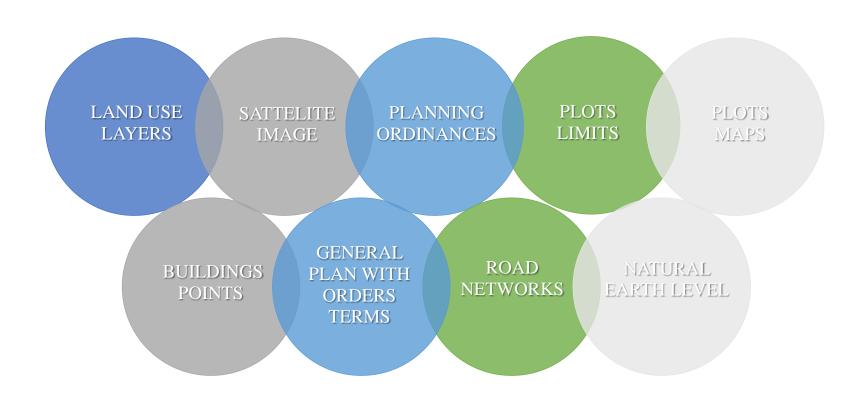
### Salamati Application



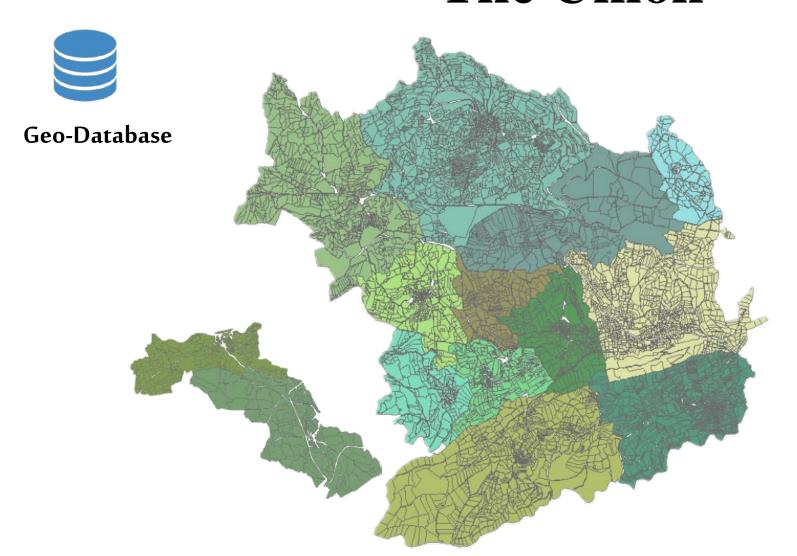
# Household Survey



### Database Acquisition



# The Whole Initial Data For 8132 Plots At The Union





### Sort And Cash

#### • Objective:

The solid waste problem is causing a lot of financial burden on the UoM.

#### • Project approach:

Motivate the local community to sort waste in and sell them, hence generating income.

#### • Impact:

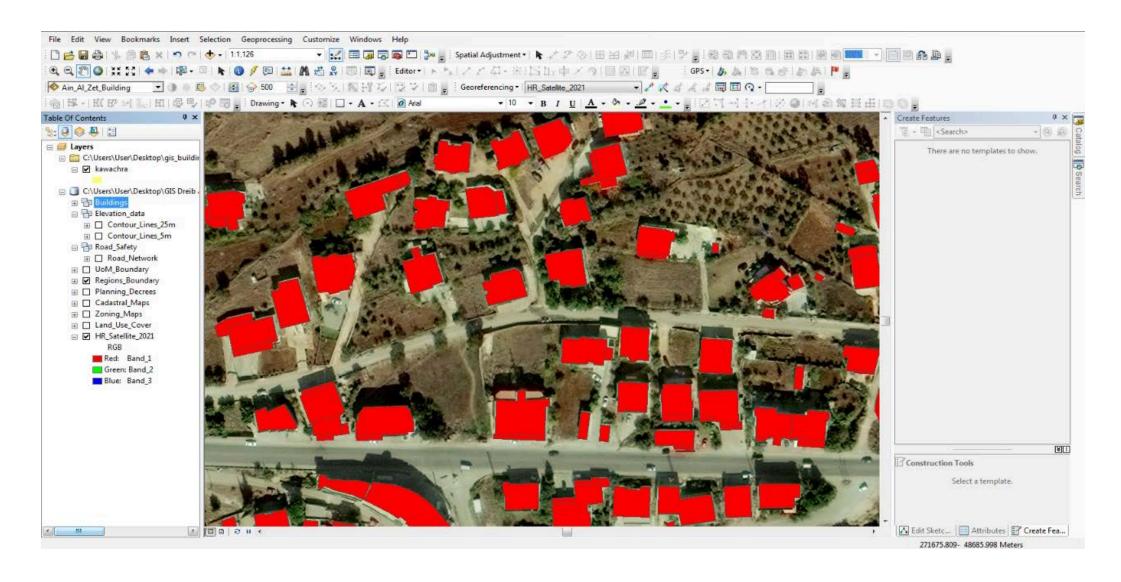
Create a clean and healthy environment, decrease waste about 40% and generate income for the local community.

### Scope Of Work

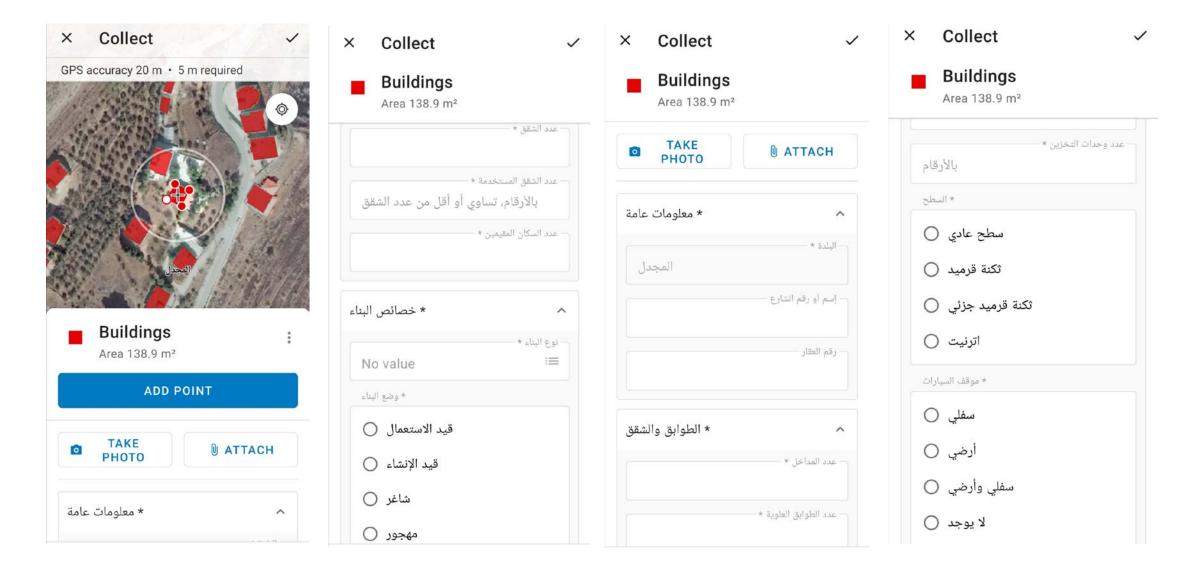
- 1. Recruit Volunteers
- 2. Application for data collection
- 3. Train Volunteers
- 4. Conduct Pilot
- 5. Existing bins data collection
- 6. Application for collecting details to estimate the amount of sorted garbage generated

- 7. Project the location and the capacity of recycling bins to be placed
- 8. Map existing collection routes
- 9. Identify trucks and their capacities
- 10. Generate the new optimized routes

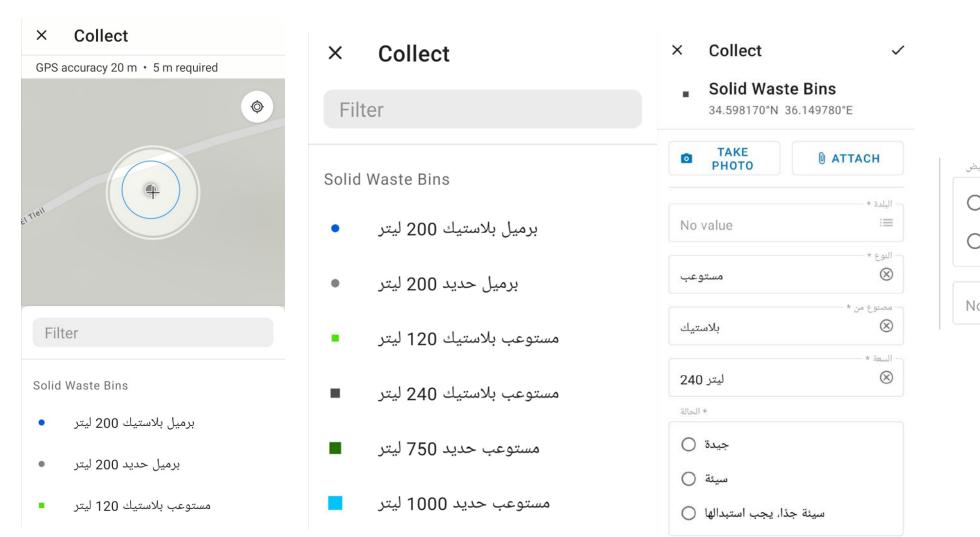
### Digitization



### Application for Buildings Data Collection



### Application for Bins Data Collection



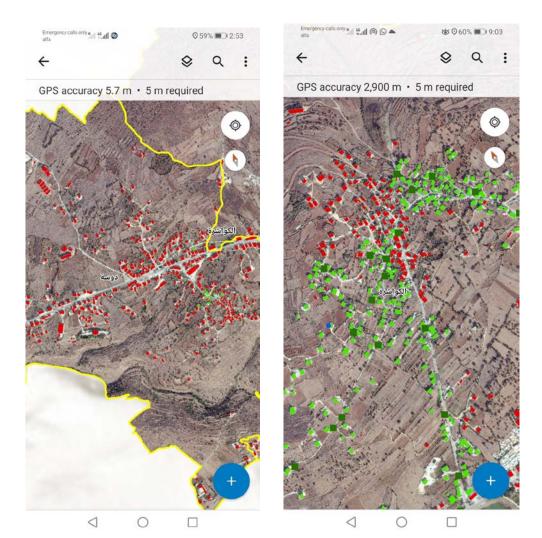


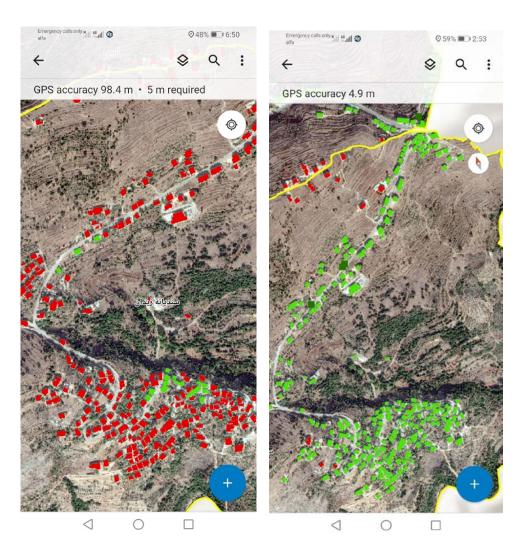
## **Enumerators Training**



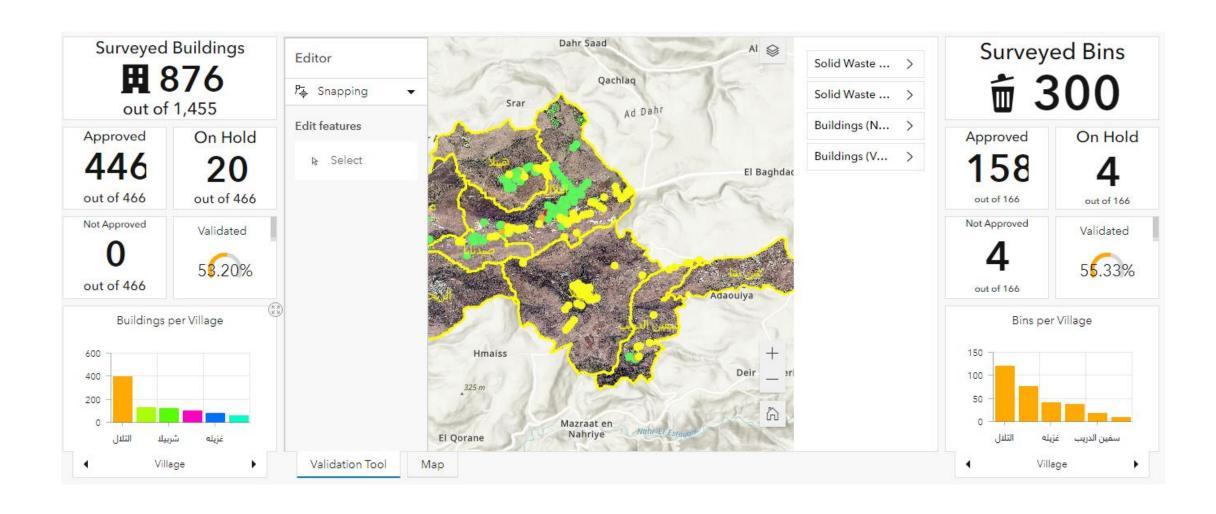
### Data Collection Implementation

Before After Before After

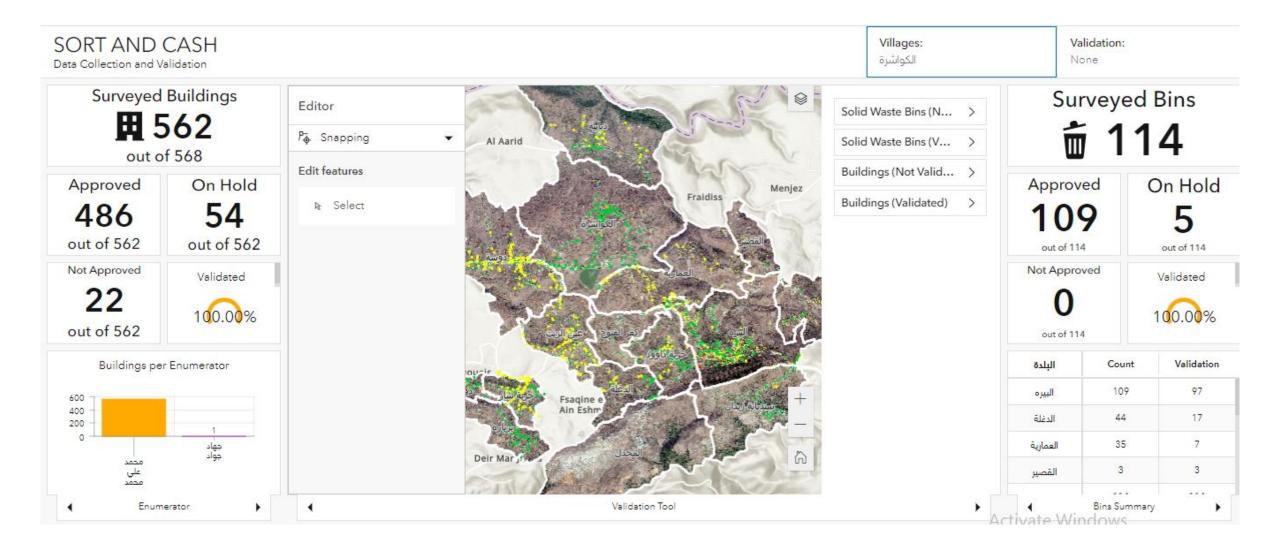




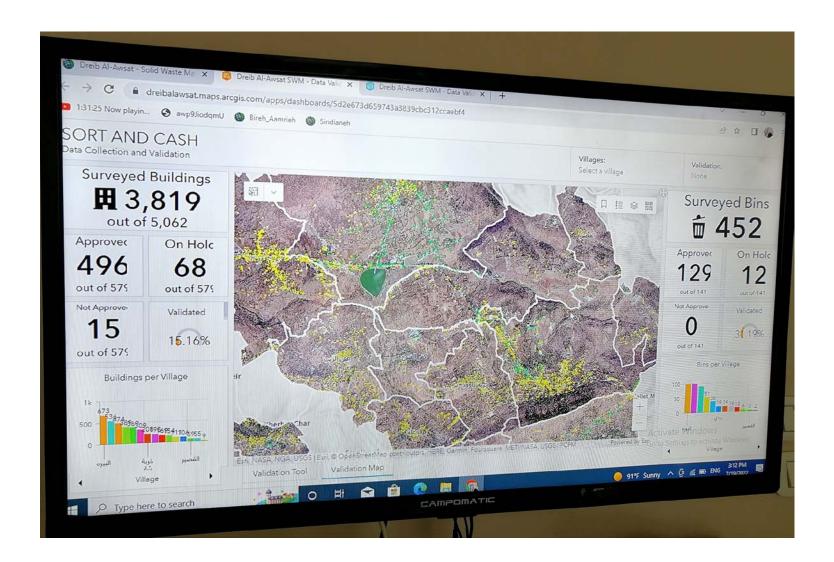
### Real-Time Validation Dashboard

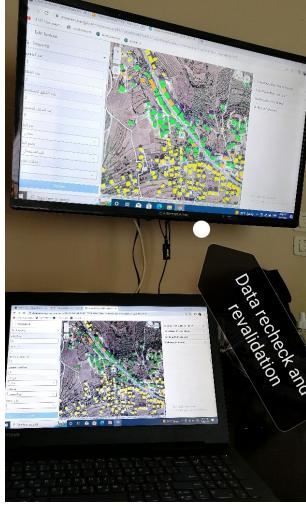


### Real-Time Validation Dashboard

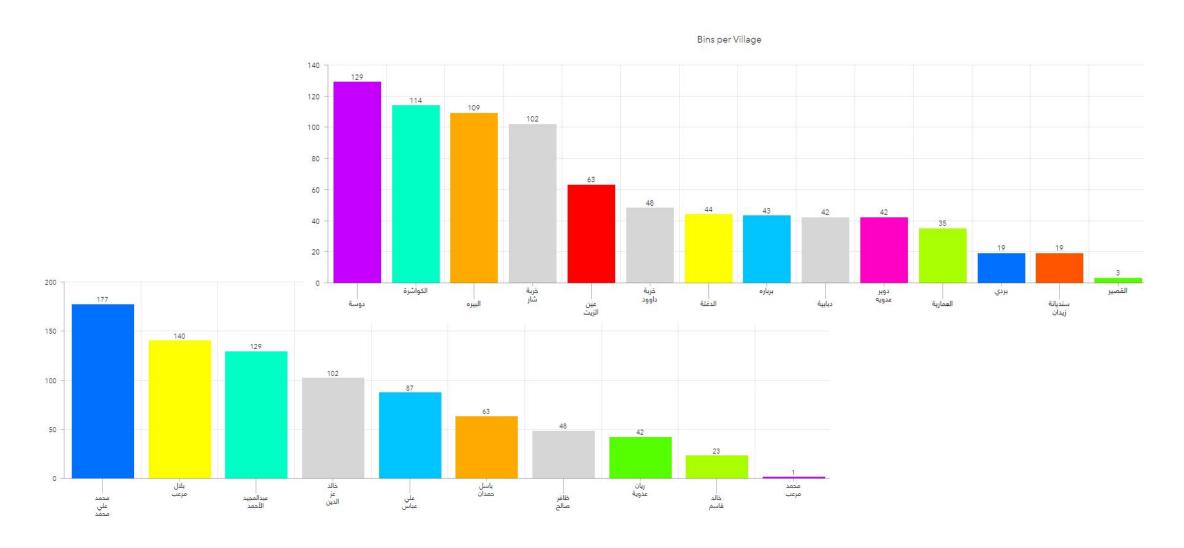


### Data Validation at the TU Office

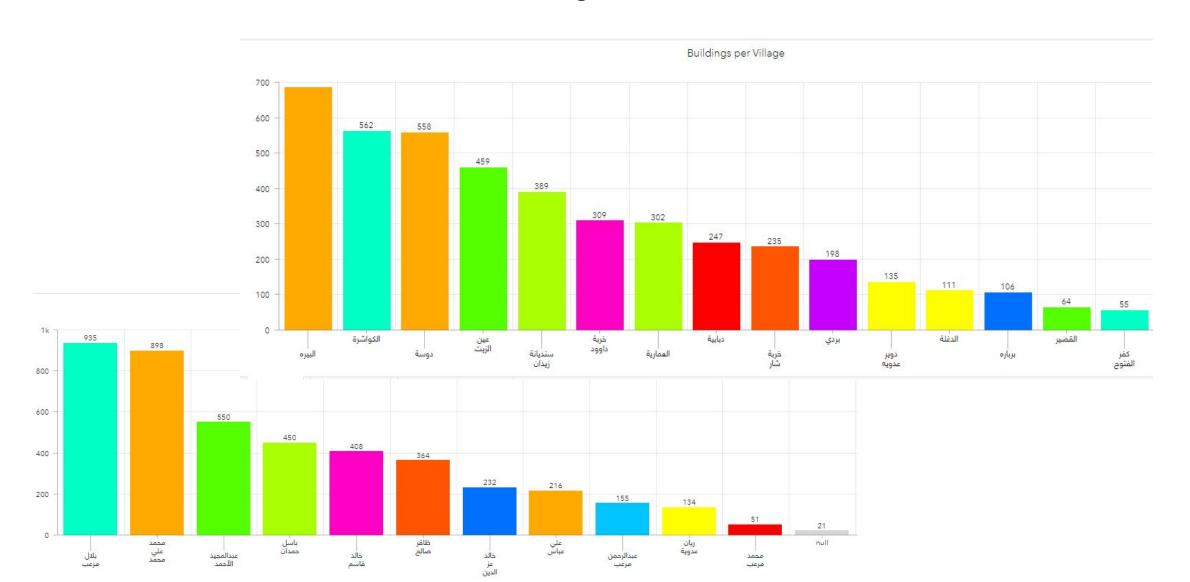




## Data Analysis Phase



### Data Analysis Phase



### Awareness Campaign



The Sort & Cash project is implemented by the UoM Dreib El Awsat. Data collection and awareness activities of the Sort & Cash project have been supported by PCPM under MASAR

يتم تنفيذ هذا المشروع من قبل اتحاد بلديات دريب الأوسط. تم دعم أنشطة جمع البيانات والتوعية لهذا المشروع من قبل PCPM ضمن مشروع MASAR



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للاتصال: بلال مرعب 03/980343 📞

# Awareness Campaign Phase







## Awareness Campaign Phase

### Thank You