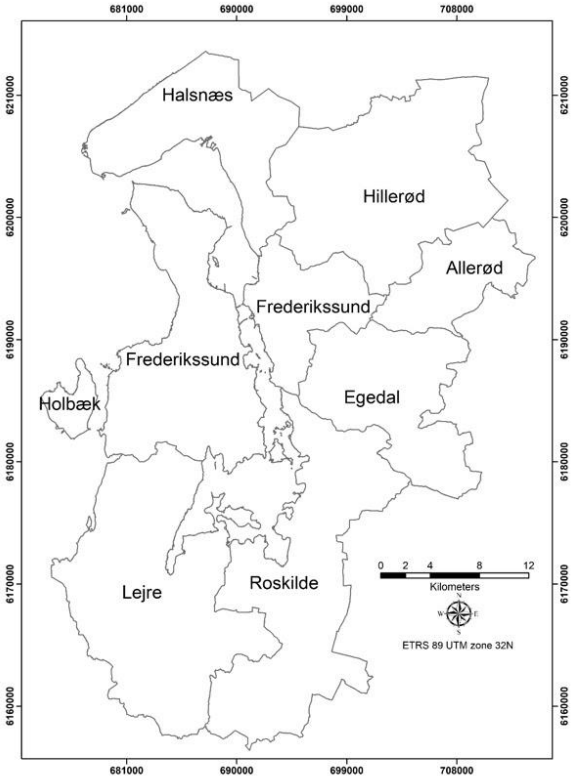
Il Sistema MAppERS (Mobile Application for Emergency Respons and Support

Frederikssund and Halsnæs municipalities on the shores of the Roskilde Fjord and belong to the Hovedstaden Region

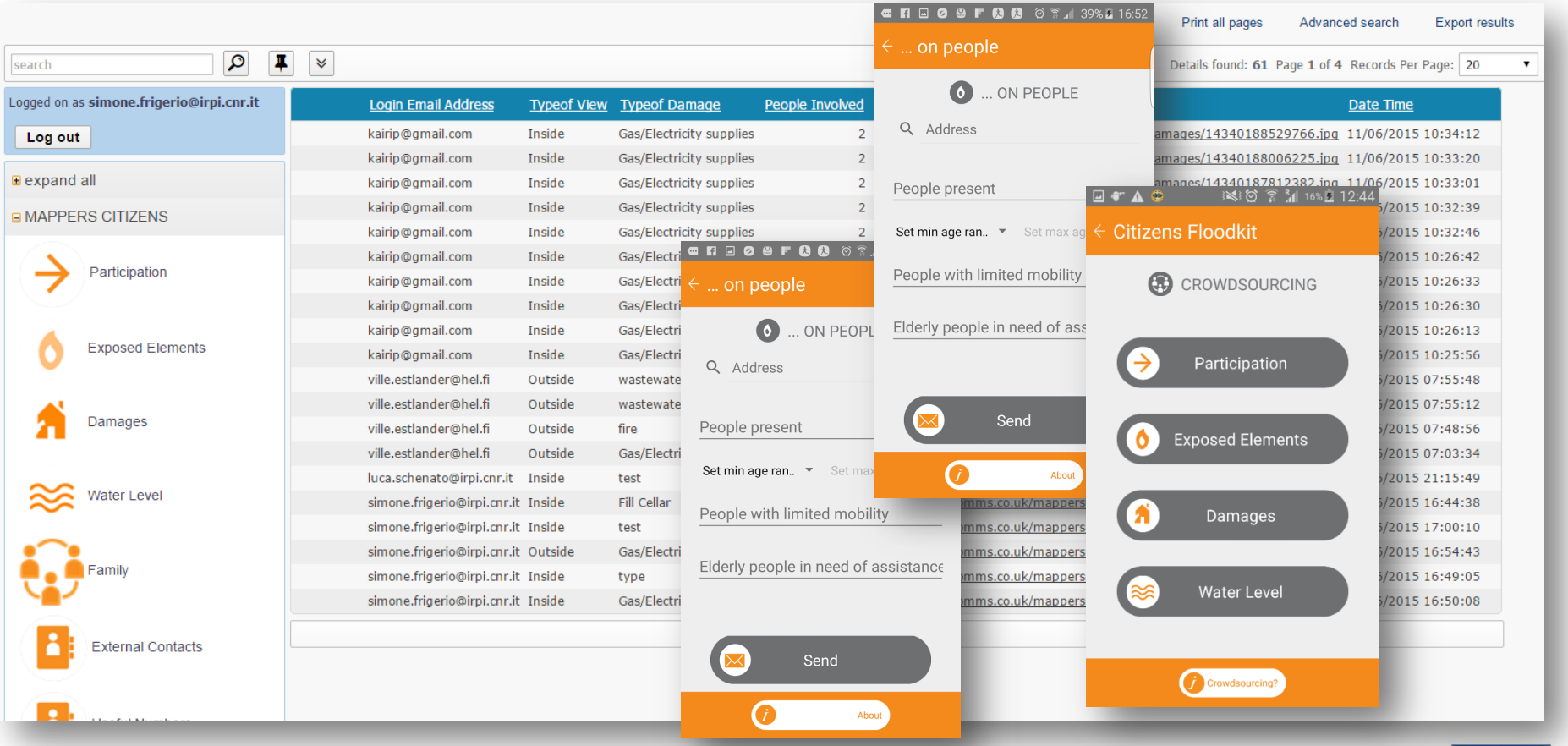
Powerful storms, highlighting the need to an accurate vigilance.

Danish Emergency Management Agency (DEMA) needs provide local mitigation of accidents and disasters to prevent the harm of people

Heavily stressed by two hurricanes *Allan* and *Bodil*,

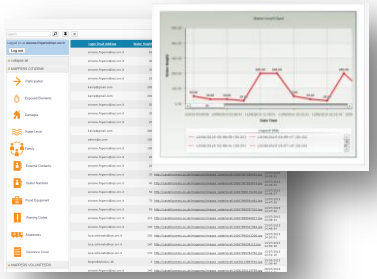


Crowdsourcing e sensori: monitoraggio, support, validazione

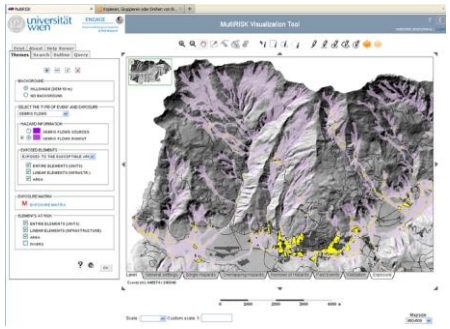


Architectur

- Android App (Android 4.0+)
- PHP Webserver (PHP 5.3+)
- MySQL DB (MySQL 5.1+)
- Google Cloud Messaging (GCM)
- Sensors
- Geoserver/Mapserver

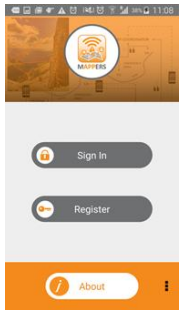


DASHBOARD

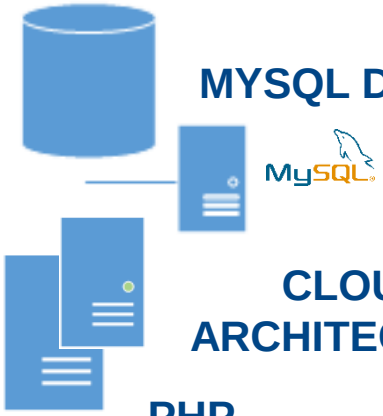


WEBGIS

SENSORS



ANDROID PHONE

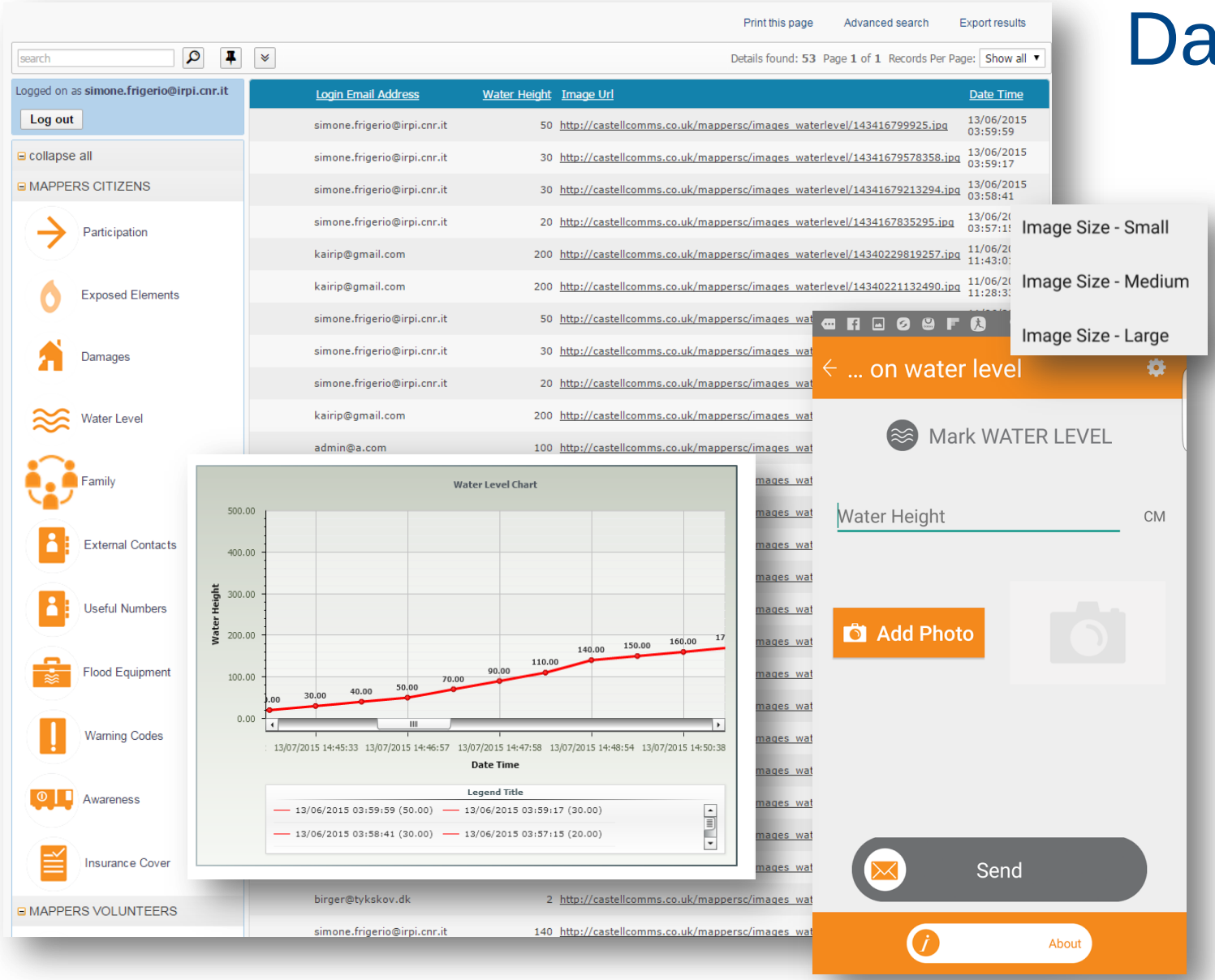


MYSQL DB

CLOUD ARCHITECTURE

PHP WEBSERVER

Dashboard

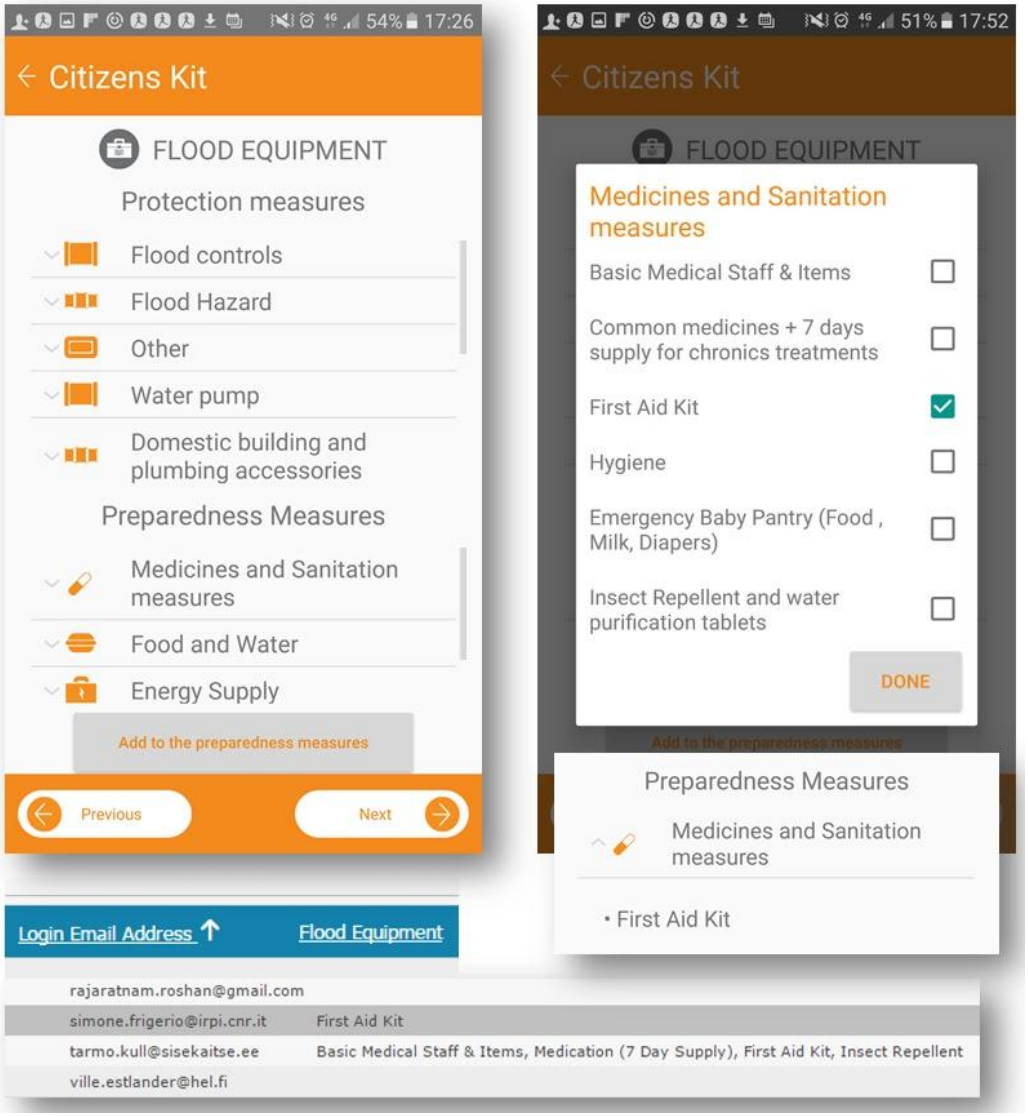


Sincronizzazio user-friendly

Crowdsourcing DB e funzioni “in continuum” (print pages, advanced search, export results, search, details

Grafica automatica

Multi-users visibilità tracking (PC)



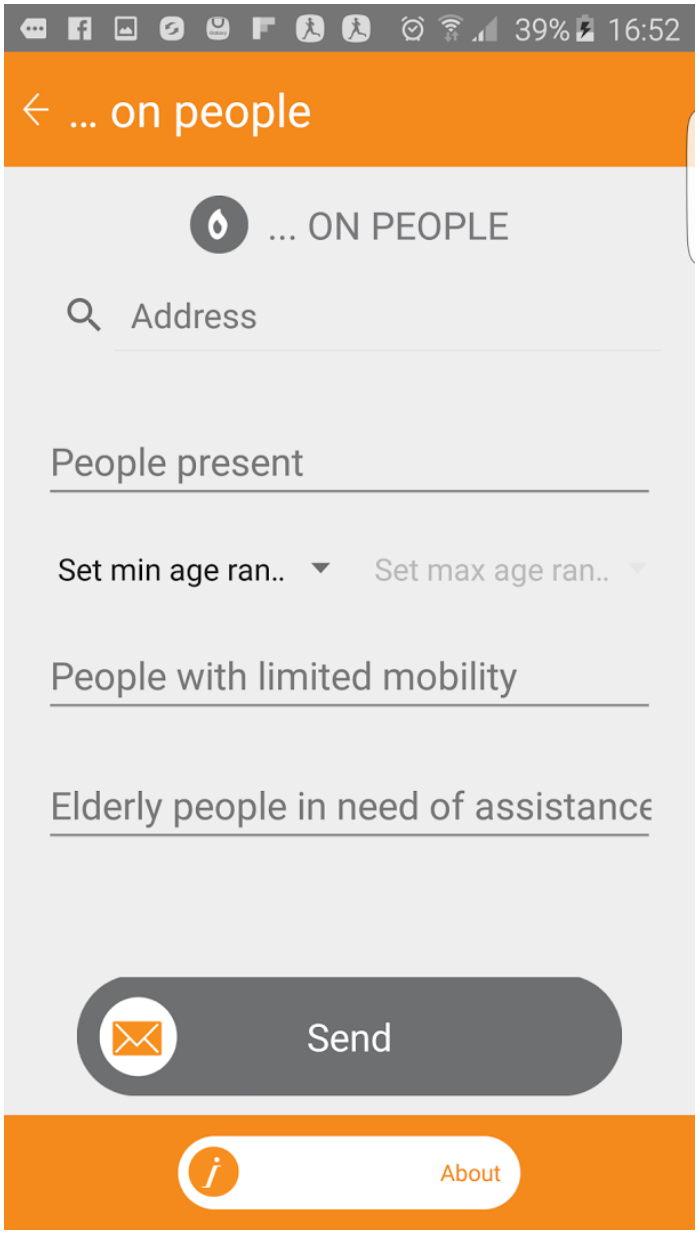
Personal kit

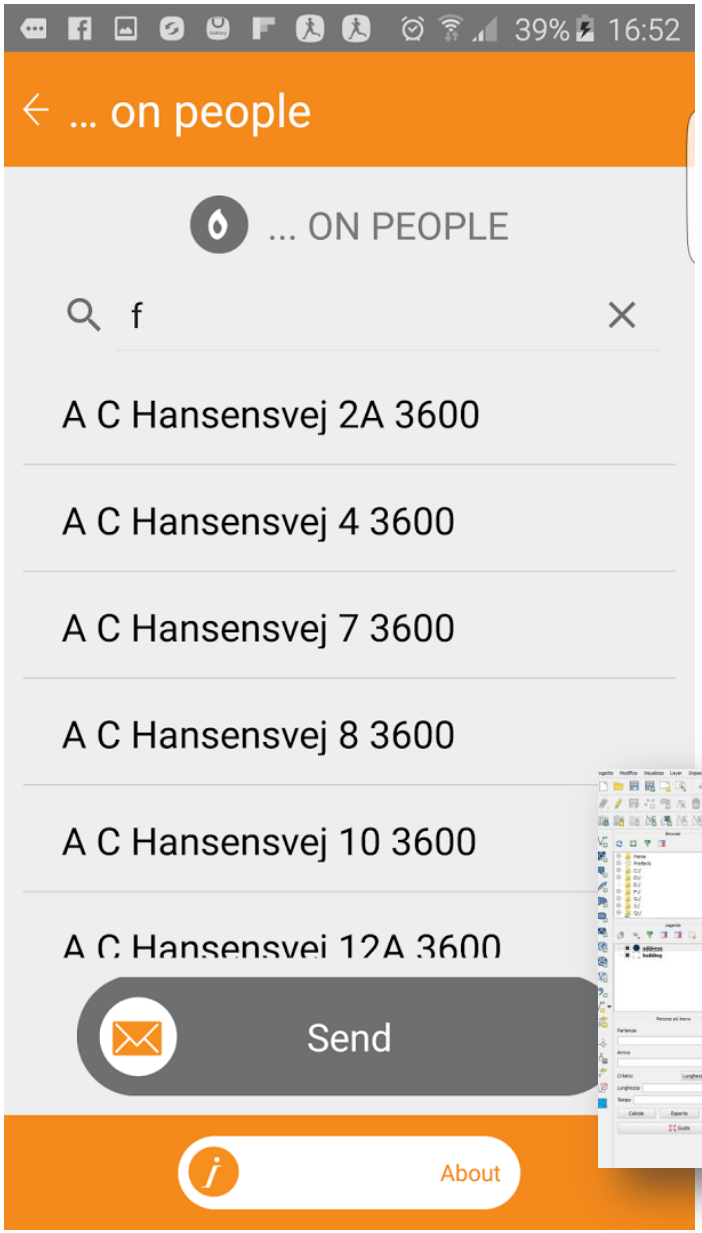
Creare il proprio profile su inondazioni, come gestire e prevedere

Scelte nel propro profilo

Aggiornamento continui come crowdsourcing

“Previous” or “Next” per il proprio profile





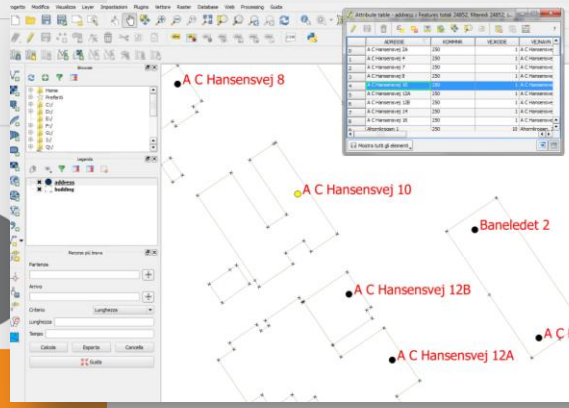
Locatio-based

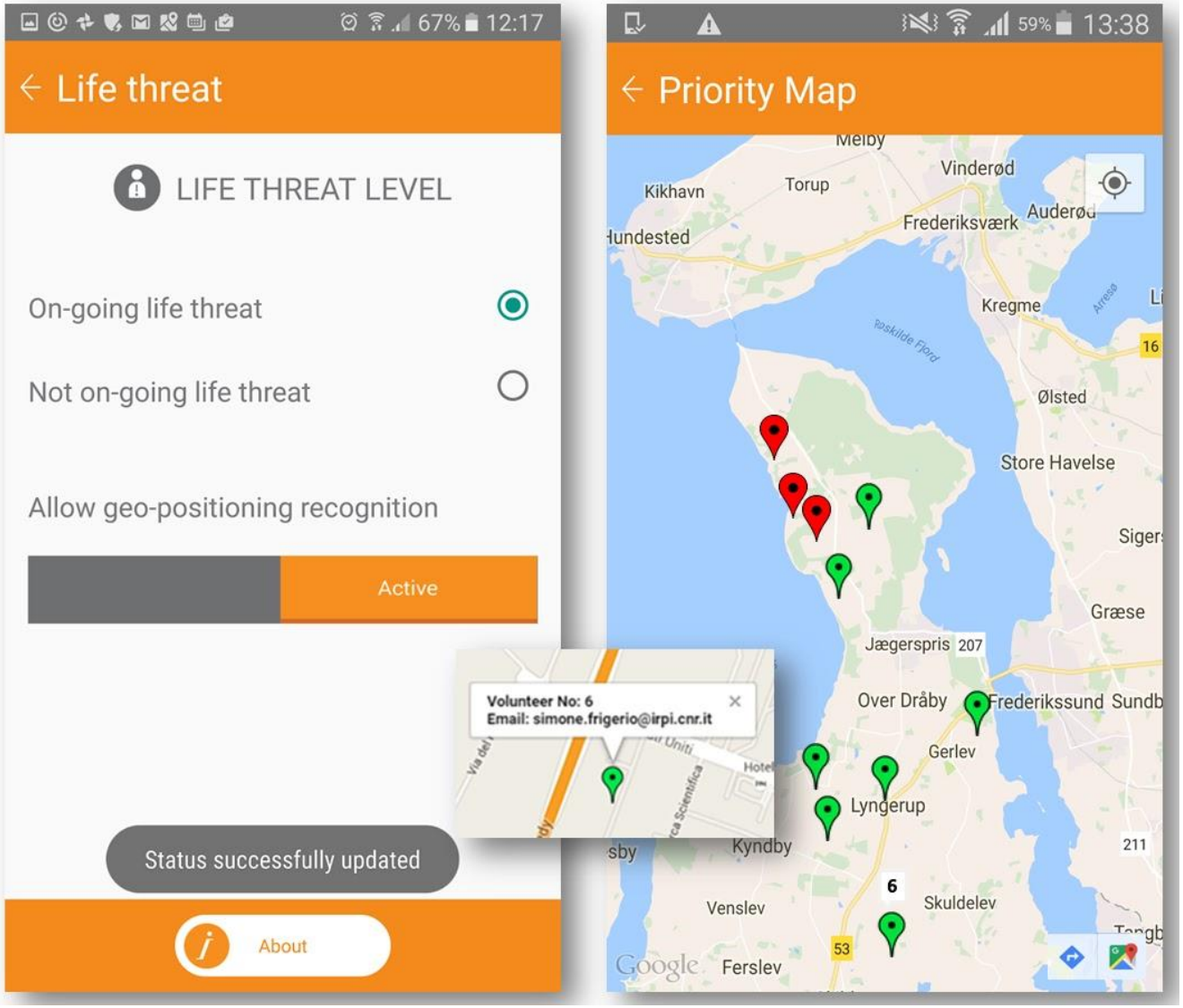
Dati personali per specifici aiuto

Indirizzo aiutato mediante sincronizzazione

Pronto per dashboard

Dato esportabile e geolocalizzao



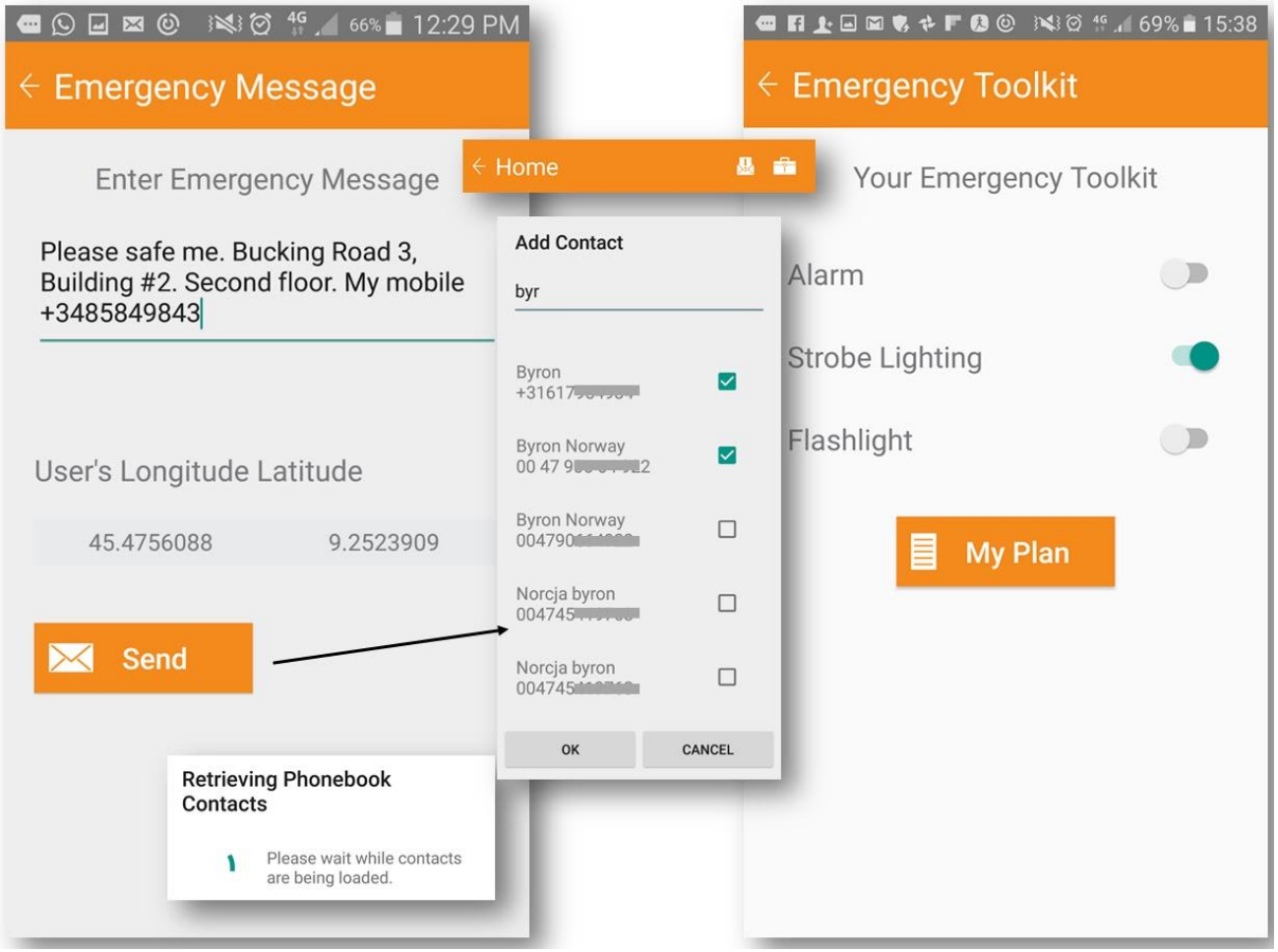


Multi-user Locatio-based

Distribuzione “on-time” della posizione dei singoli agenti

Confronto tra diversi utenti sulla base del loro login

Visualizzazione su dashboard e su mobile



Item upload

Creato sul proprio profilo

Messaggio salvato e geolocalizzato

Invio multi-utente se necessario

Richiesta SMS

SCREEN TEXT	DATA TYPE	PILOT RECORDS
	MC	
Participation	Crowd Sourcing Participation	22
Exposed Elements	Crowd Sourcing Exposed Elements	13
Damages	Crowd Sourcing Damages	62
Water Level	Crowd Sourcing Water Level	45
Basic Info	Save Family	21
Basic Info	Save External Contacts	21
Useful Numbers	Save Useful Numbers	21
Flood Equipment	Save Flood Equipment	21
Warning Codes	Save Warning Codes	21
Awareness	Save Awareness	20
Insurance Cover	Save Insurance Cover	21
	MV	
Danger	Danger	74
Hazards	Hazards	59
Facilities	Facilities	42

Piloting

Simulazione dei moduli su campo

I moduli sono attivi a crowdsourcing, attività a realtà locale

Aggiornamento stato dell'aperte per tipologia di tempo

Esperienza in valutazione «damage» o «water level» per rapida nell'acquisire dati

GRAZIE

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