

Emergency Housing Networks

THE Port - Hackathon at CERN

October 15th, 2016

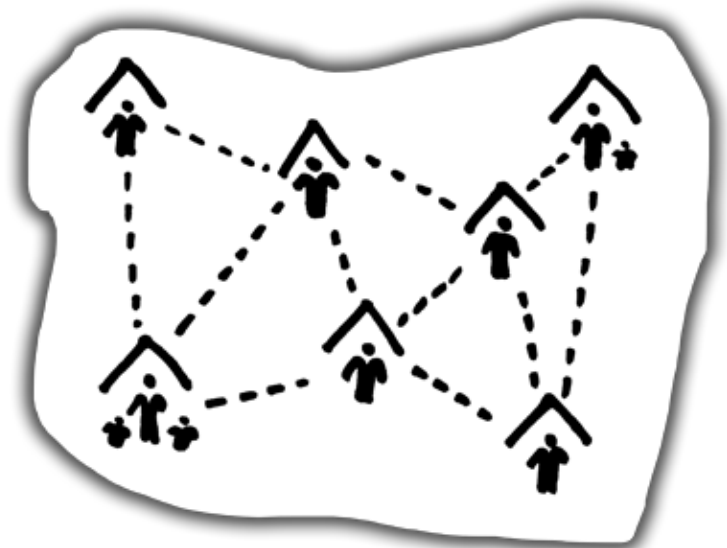


2016



Challenge

For decades, sheltering for millions of refugees, displaced and disaster affected population has been solved by tents or improvised shelters. They have seen only marginal improvements in this time. Several initiatives seek to improve safety in these vulnerable situations. Using mesh structures for energy and information distribution can improve the services available in humanitarian shelters, offering new levels of safety, education & productivity.





Team

Our coach
Daniel Dobos



Virginia Azzollini



Reka Farkas



Monika Korzeniewska



Nastaran Fazeli



Vasili Sofiadellis



Juan Vega



Gonzalo Beviglia



Gaiane Azizyan



Peter Schioler



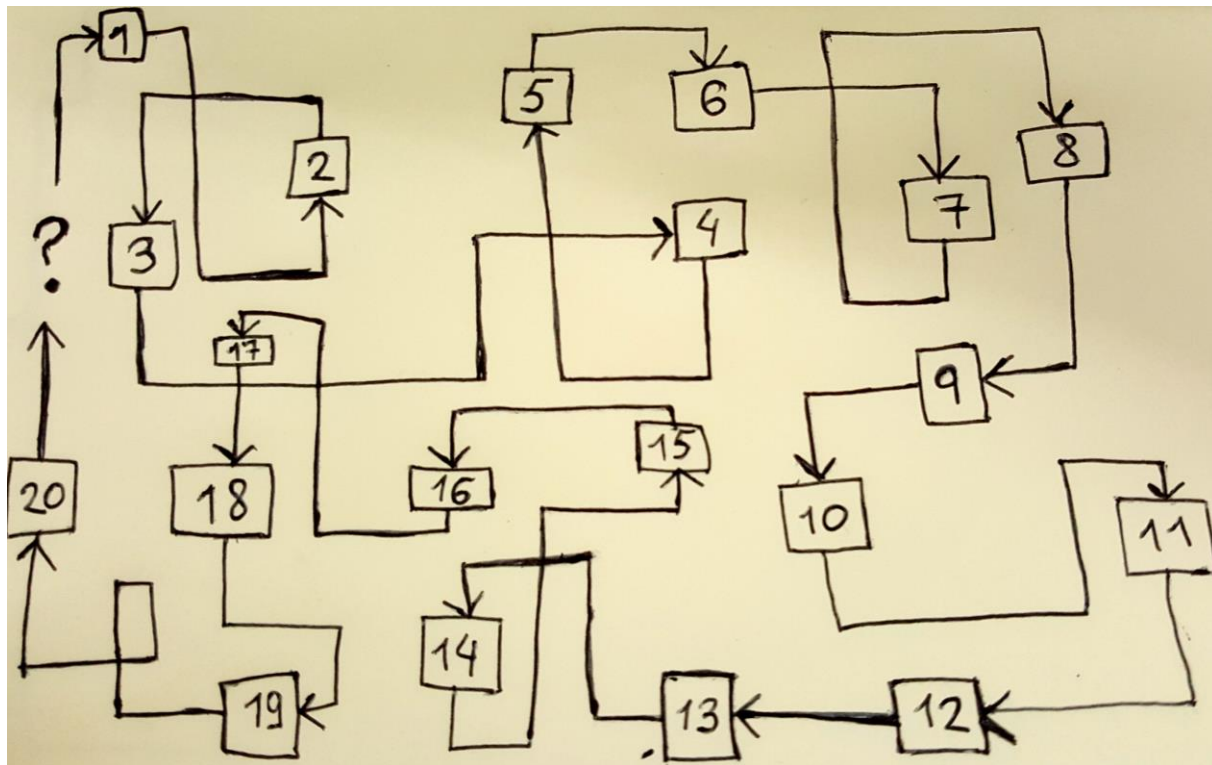
Tina Beattie



What our process was supposed to look like...



...What it actually looked like



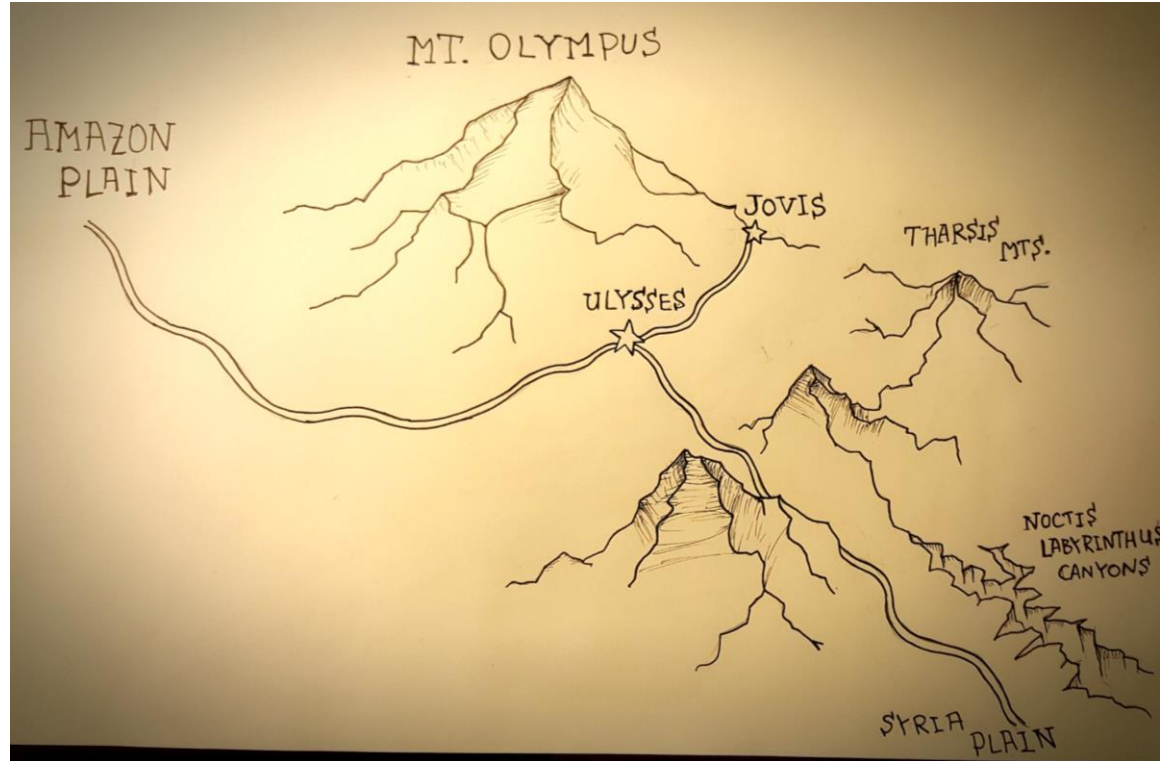
Scenario: Mt. Olympus Earthquake



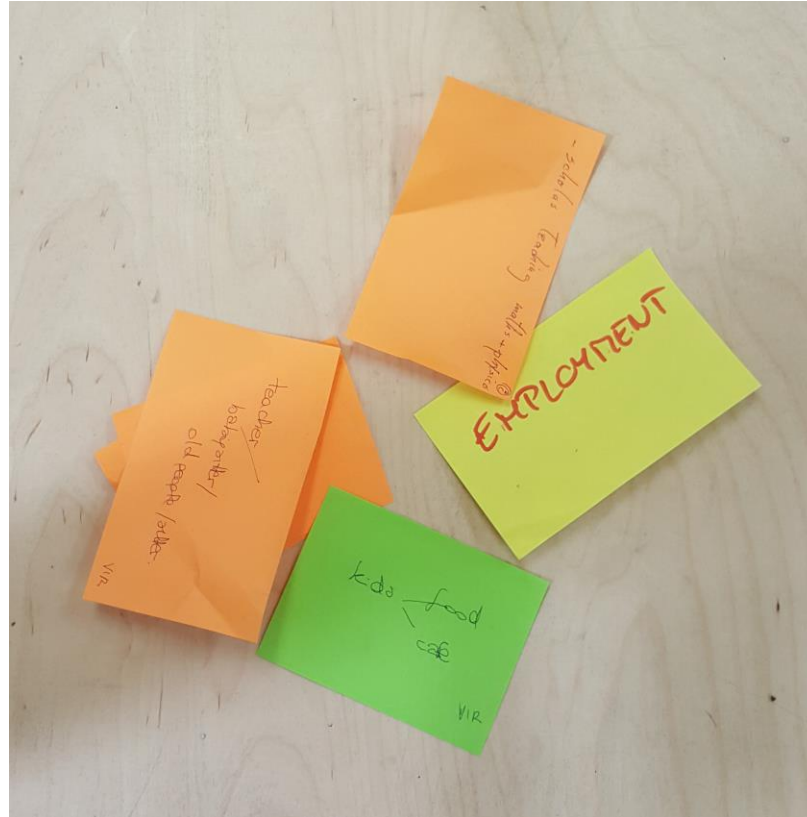
Ulysses: 100
casualties, 1000
homes destroyed

Jovis: unaffected

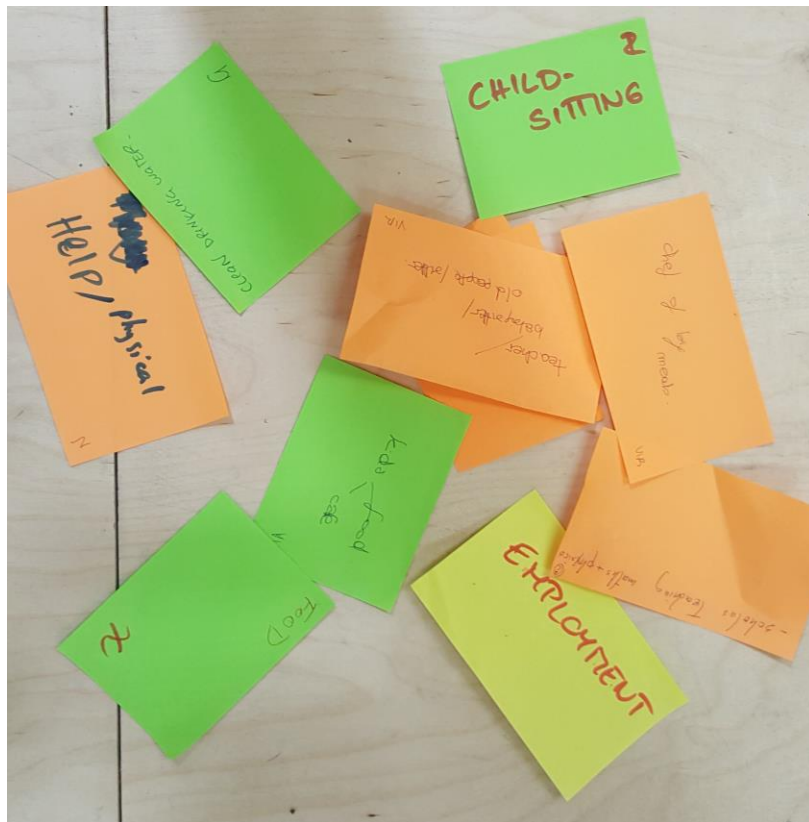
Help on the way
from the Amazon:
arriving in 5 days



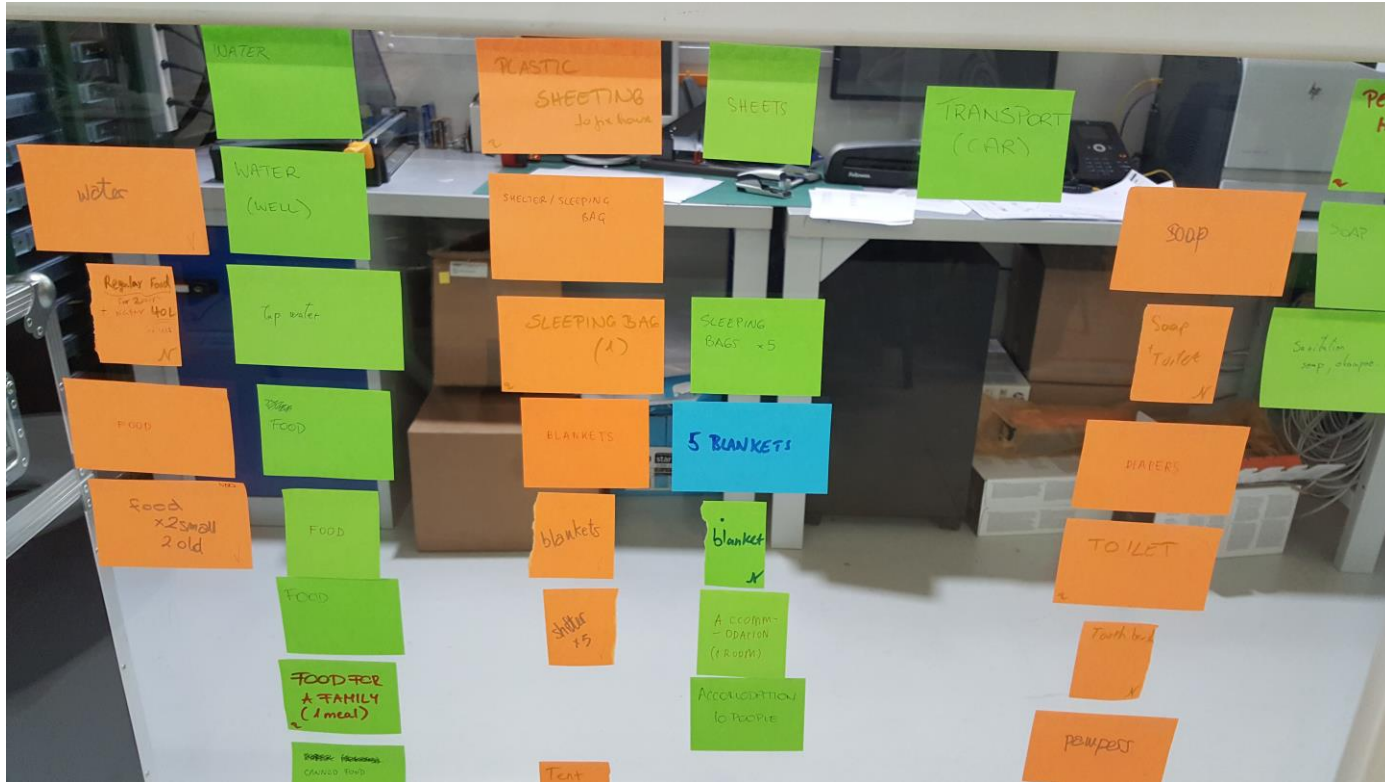
Sticky notes...



...more sticky notes...



Back to the scenario



Crystallizing



**Food
& Water**



**First
Aid**



Sanitation



Information



**Family
Tracing**



Shelter



Why an app?

automatic and formatted way to match data



Why an app?

automatic and formatted way to collect data

scalable tool from small emergency to epochal disaster



Why an app?

automatic and formatted way to collect data

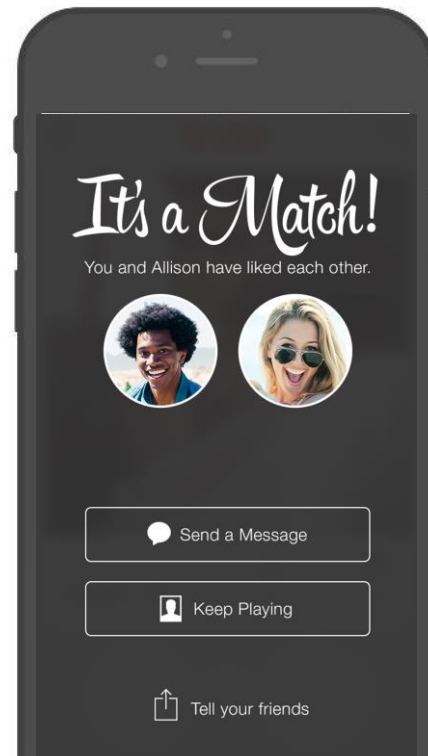
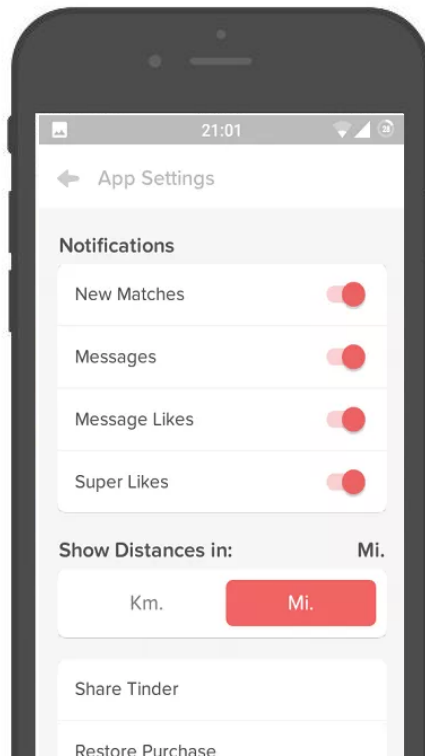
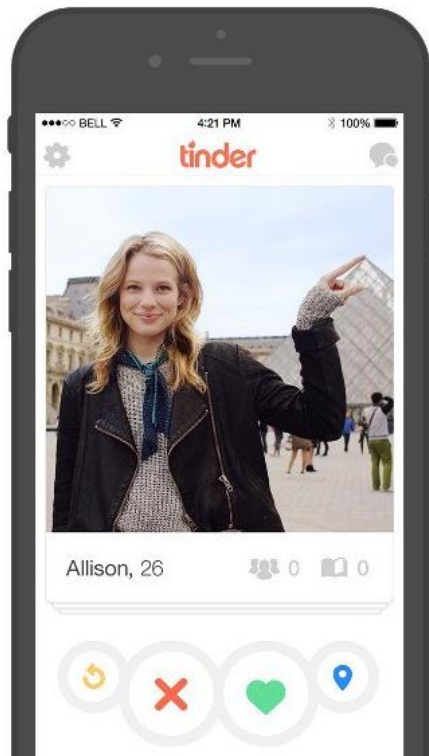
scalable tool from small emergency to epochal disaster

swipeable handy solution

Example we

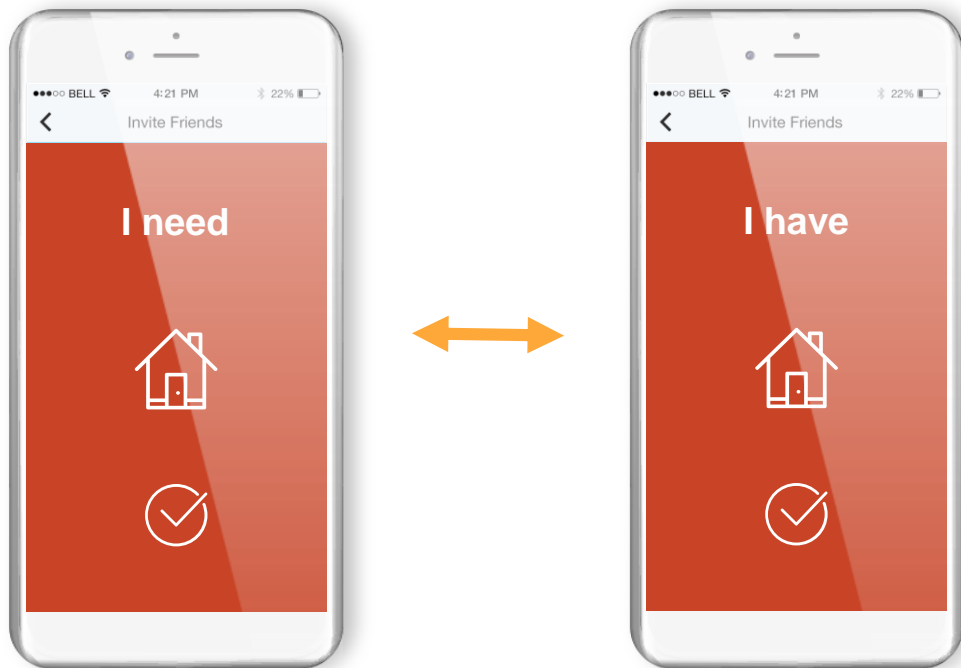


to



Mobile App

It's a Match!





Q&A