

# RefugeeHotspot

A mobile device to remove the obstacles that refugees face when it comes to access the internet.

<http://isoc.nl> [info@refugeehotspot.net](mailto:info@refugeehotspot.net)



Built by Niels ten Oever & Shane Kerr  
an ISOC NL project

# Organizations

Organizer and Initiator



Sponsor

**SIDN**fonds

License



Collaborators



Contributors



# Migrants & Refugees

- Definitions, definitions, definitions
- UN convention on Status of Refugees
- UN protocol relating to the Status of Refugees
- EU Charter of Fundamental Rights
- Dublin Agreement
- State of Exception
- People in Limbo
- Sans Papiers



# Situation in the Netherlands

- Refugees centrally registered by Centraal Orgaan opvang Asielzoekers (COA)
- It's COA policy to provide Internet access at its centers
- COA is overwhelmed with large influx
- COA doesn't provide services to undocumented migrants



Centraal Orgaan opvang asielzoekers

# Objective

Providing Internet access to migrant and refugees – those who need it most

## Activities

- Provide wired Internet access in (semi-)permanent locations
- Provide wireless access in all other situations





# Hackathon!



**HACKS  
HACKERS**  
rebooting journalism



# Requirements

- Portable and sturdy (eviction or demonstration)
- Minimal state (privacy)
- Shareable bandwidth
- Reasonable security expectations
- Landingpage // information page
- Remote administration
- Reasonably priced

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# Preliminary findings

- No existing cheap hardware that can do rate limiting + landingpage
- Netaidkit has nice security features but too low specs
- OpenWRT seems like a bit of a pain
- Raspberry Pi is very versatile and runs Debian





# Intermediary findings

- It takes longer than expected :P
- 3G dongles need voodoo drivers
- 3G dongles need an external power source
- Raspberry Pi 3 comes out with integrated WiFi antenna!

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# Future?

- Smooth install script
- Beta testing with 'We Are Here'-collective
- Casing with De Waag Society
- Dissemination and larger scale testing with collectives Hamburg, Berlin, and Brussels
- Dissemination throughout Europe and beyond




# Contribute?

<https://github.com/RefugeeHotspot/RefugeeHotspot>

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- Manual designers
- Website designers
- Beta testers
- Ideas

• PULL REQUESTS     



**REFUGEES**



**WELCOME**

**NO ONE IS ILLEGAL**