# WELCOME

- Safe space
- Productive space
- Affiliations
- Agenda and style

## **TECHNOLOGY**

"Community technology"

=

"Technology that's accessible to communities for community purposes, built by the community."

# ACCESSIBLE TECHNOLOGY

- Human centered and human scaled
- It is easily replicable and understandable
- It focuses on locally available resources
- Tends to be labor intensive but energy efficient

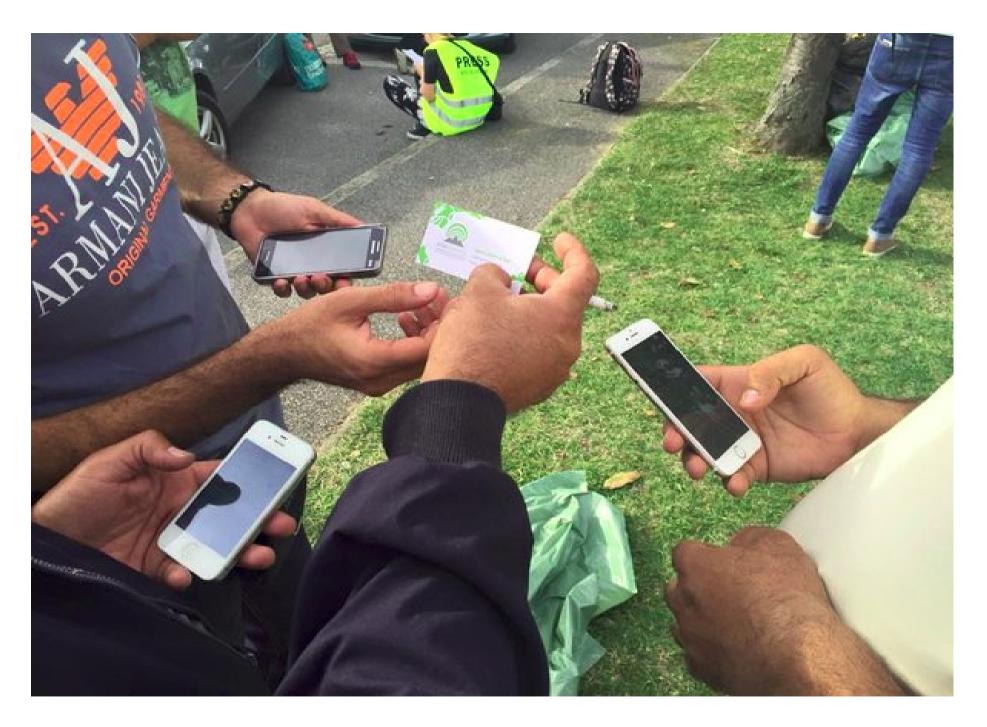
\*Definition from 2012 blog post by Tim Barker and Bob Corker for the Koanga Institute

## SOLIDARITY

"Solidarity economy"

=

"Show solidarity through economic democracy"



@wlanslovenija in Sentilj, Slovenia



Culture Radio, Sierre Leone, 2015, "Ebola Bye Bye", MiCT

# SOME ECONOMIC DEMOCRACY TOOLS

- Community land trusts
- Worker co-operatives
- Alternative currencies
- Time banking
- Membership networks
- Social benefit corporate structures

# ECONOMIC DEMOCRACY IN ACTION

- Dudley Neigborhood, Boston (DSNI)
- Mondragón, Spain (MCC)
- Dreaming New Mexico
- Operation Resilient Long Island
- Vancouver Public Space Network

# WHY?

- Gain power through mutual benefit
- Kindred spirits (values)
- Decide who owns the digital commons
- Decide who controls the sharing economy

# SOME COMMUNITY TECHNOLOGY TOOLS

- Communications over mesh networks and radio
  - PirateBox; EnigmaBox; CommunityBox; SatNOGS; PocketFM; VillageTelco;
     KORUZA
- Encrypted communications
  - Thunderbird e-mail client with Enigmail; Signal (SMS); Tails (OS); Ring (VOIP, chat); Keybase (browsers); cjdns (over networks); Let's Encrypt (certs)
- Monitoring and tracking
  - PublicLab; WikiMonitor; FollowTheMoney; OSM; HOT; Ushahidi; QGIS

# INFORMATION RESOURCES

#### LibreTech information resources

- Free Software Foundation; Electronic Frontier Foundation; Open Knowledge Foundation; Open Society Foundation; Open Data Institute; Fight for the Future; Tactical Technology Collaborative

#### Community-building information resources

 Asset-Based Community Development Institute; The Hardwood Institute; Interaction Institute for Social Change; Living Cities; Intercontinental Network for the Promotion of Social Solidarity Economy; Grassroots Economic Organizing; Democracy at Work institute

#### Markets and open communities

Farm Hack; Libre3D; Pirate Bay; Poppy (robotics); Quirky (inventions); OpenBazaar (goods); Open
 Source Design; OpenStructures (modular construction); OpenWear (fashion); Streetbank; WikiHouse

## **EXAMPLE:**

# A LIBRETECH TOOLCHAIN IN AN EMERGENCY

Group of principals in South Florida

+

Flooding

+

Immunization records

# EXAMPLE: A LIBRETECH TOOLCHAIN IN AN EMERGENCY

Solar panel → Generator → Computer (OS) → GUI → Volume Mount → Data → Web server → Router → Backbone → Client

# TOOLCHAINS FOR DIRECT ACTIONS: HOW DO?

From disasters to economic democracy (communications)

Solidarity through the instruments of economic democracy (market-making)

Place-based, resource-rich caches (buy-in)

# ORGANIZING TACTICS

#### OLD SCHOOL TACTICS

 Call trees; door-knocking; slowdown; work to rule; good work strike; selective strike; sitdowns; whistle blowing; sit in; sick in; monkey-wrenching

#### HACKTIVIST TACTICS

Grey Tuesday (swarms); DDoS (traffic disruption); Doxing (public identification);
 media hacking; scam baiting (social engineering); culture jamming

#### SOLIDARITY TACTICS

- ?

# DISCUSSION