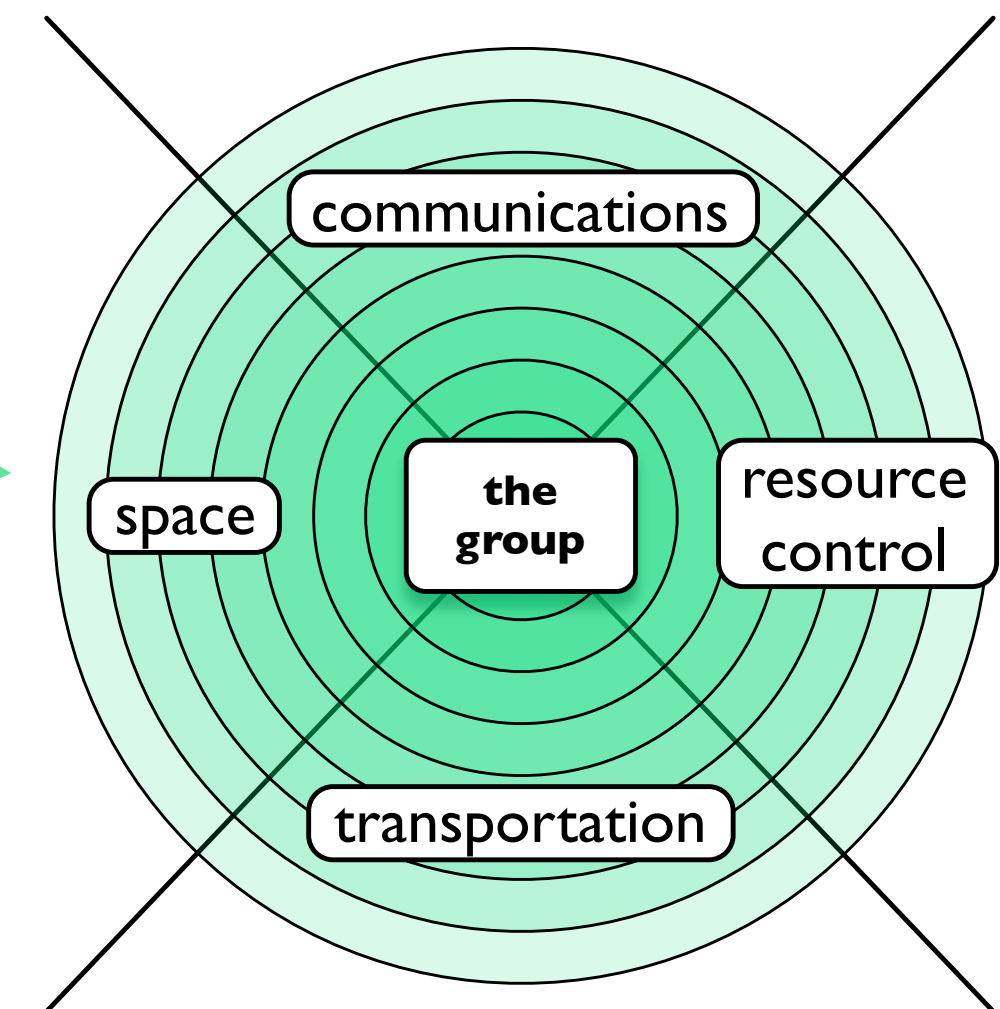
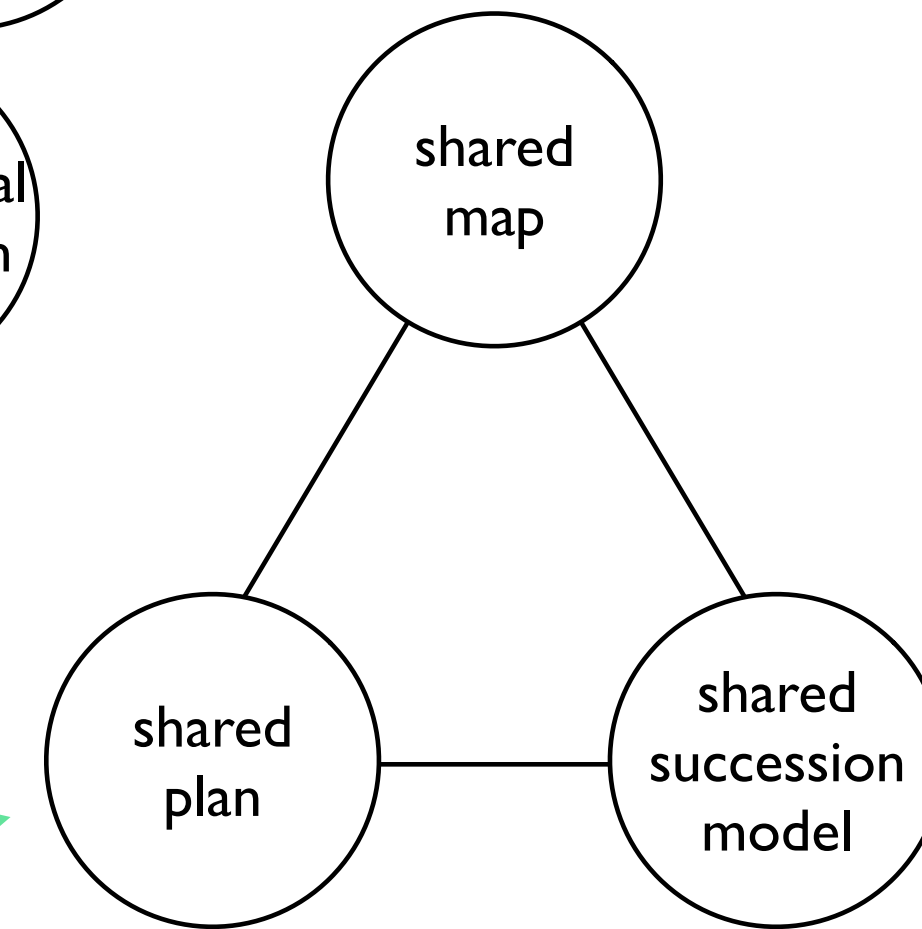
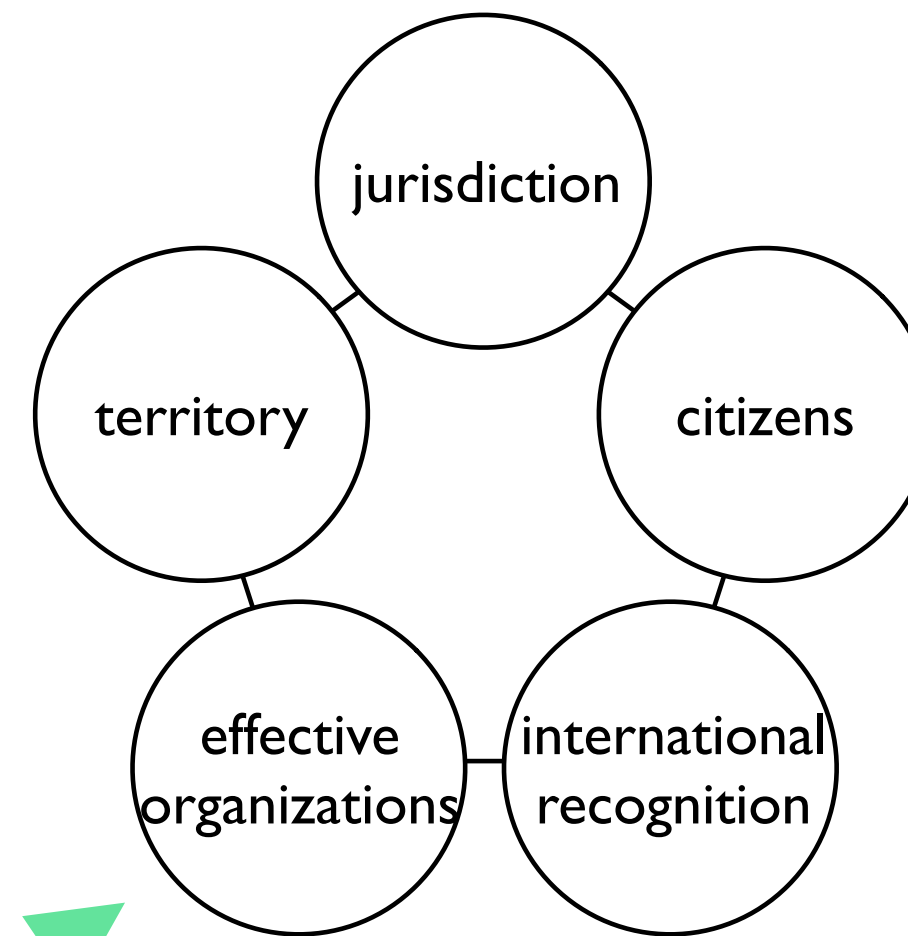
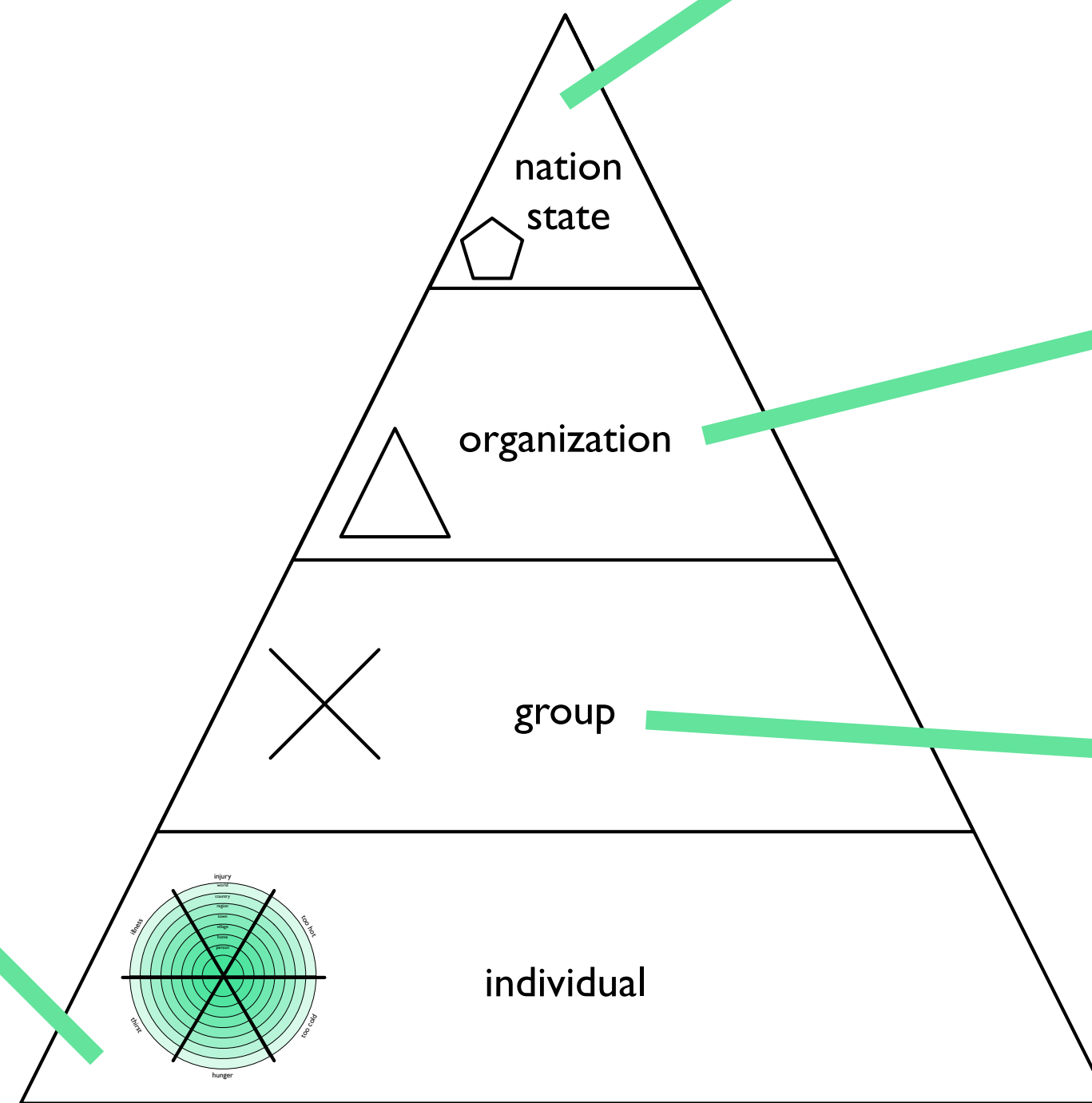
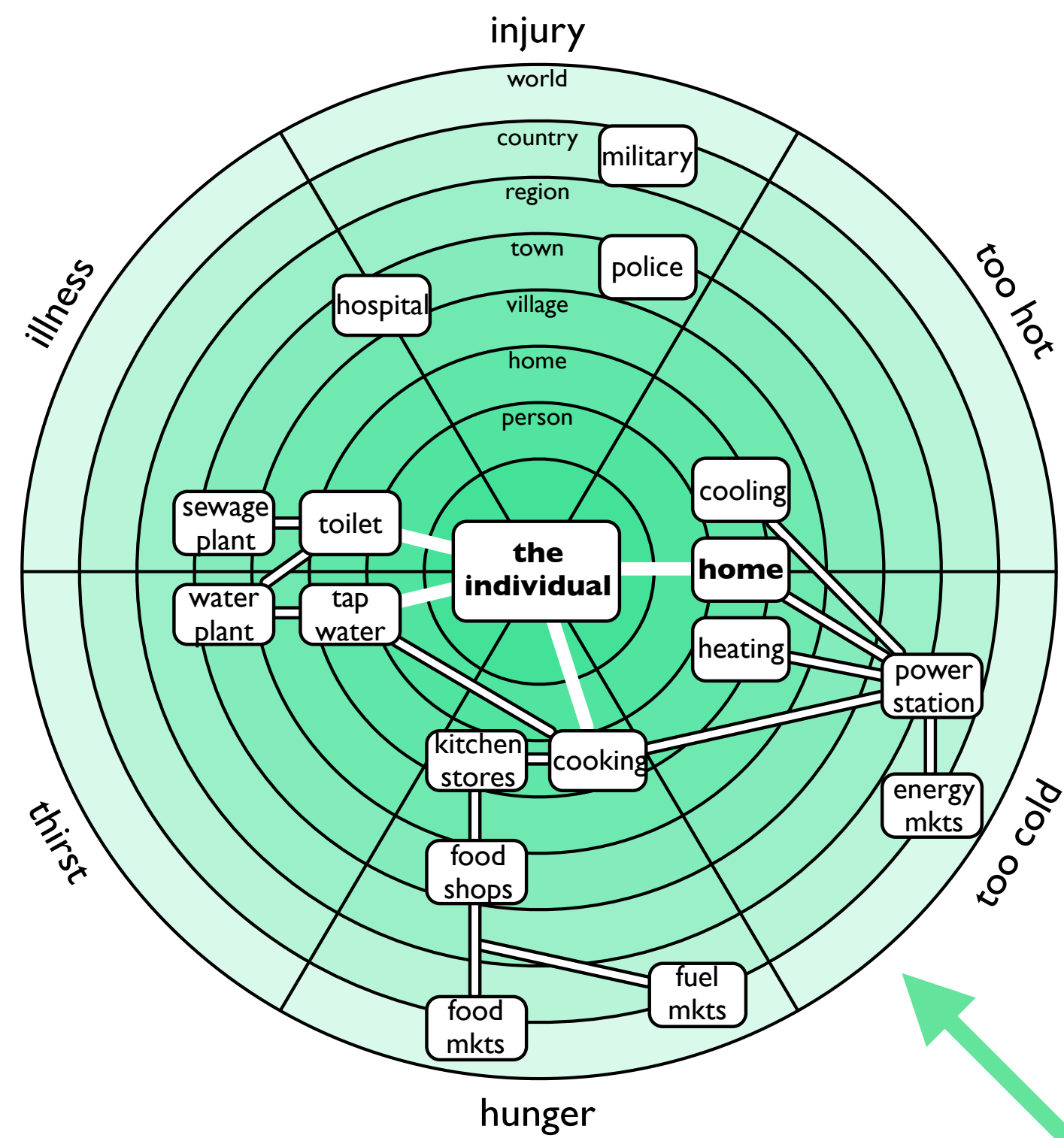


Mapping urban systems in crises: Simple Critical Infrastructure Maps



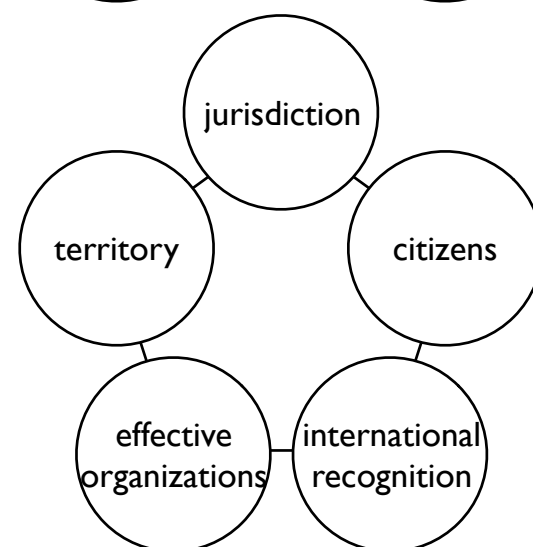
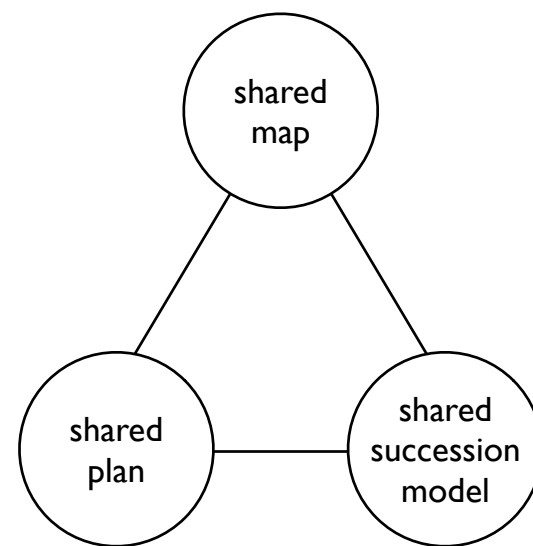
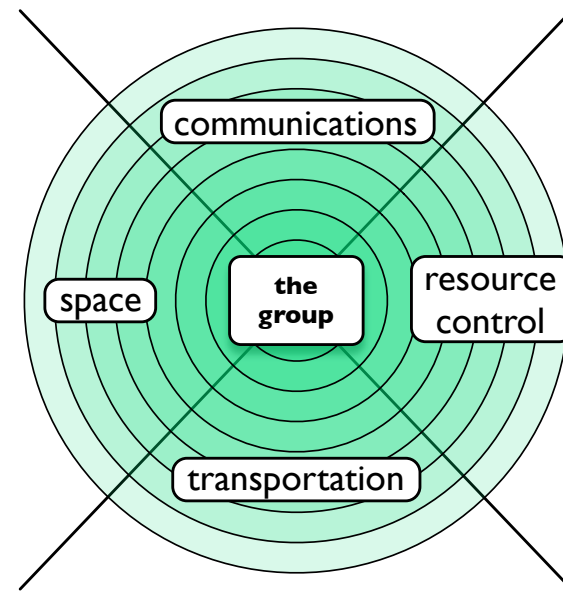
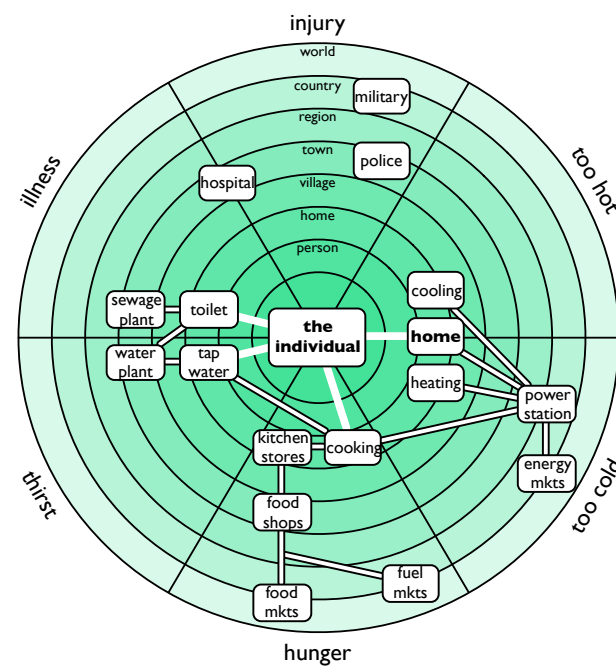
Simple Critical Infrastructure Maps is a design language for (refugee) cities

people

groups

orgs

states



Integrated Needs Analysis **SCIM**

injury
illness
thirst
hunger
too cold
too hot

individual	household	village / neighborhood	town / city / municipality	region	country	world
resilience gap	toilets	sewer system	sewage plants		army	
	water supply	water mains	water processing			
		food supply chain	retailer logistics	bulk logistics	imports	intl markets
	heating	local grid	power plants	national grid	fuel imports	intl markets
	cooling					
	housing					

transport
space
communications
resource control

shared succession
shared plan
shared map

international recognition
effective institutions
citizens list
territory map
jurisdiction

