



Urban Resilience helps cities around the globe better manage *both* chronic stresses and acute shocks so that people in those cities, especially the poor and vulnerable, are safer, healthier, and have increased livelihood options.

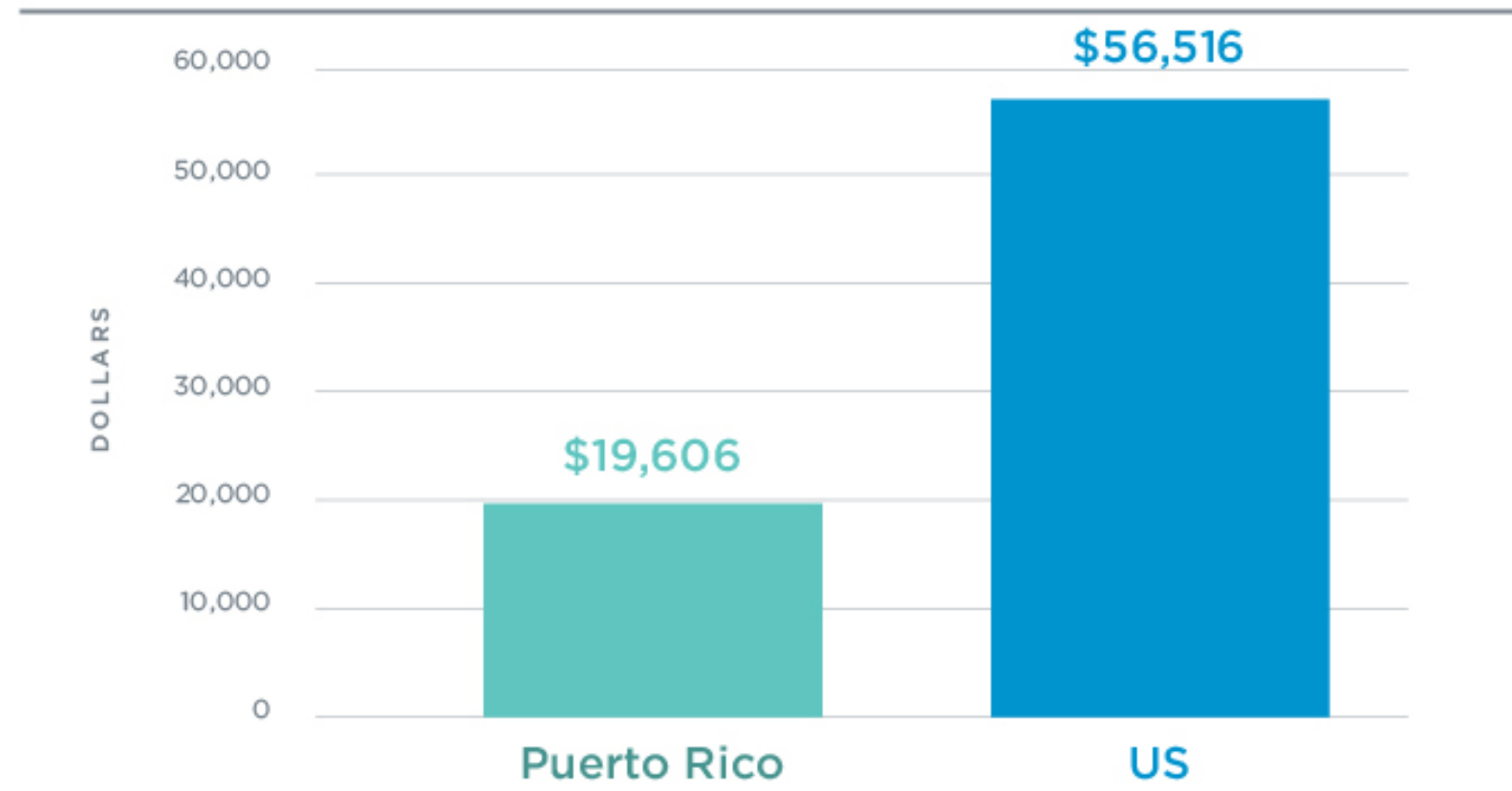




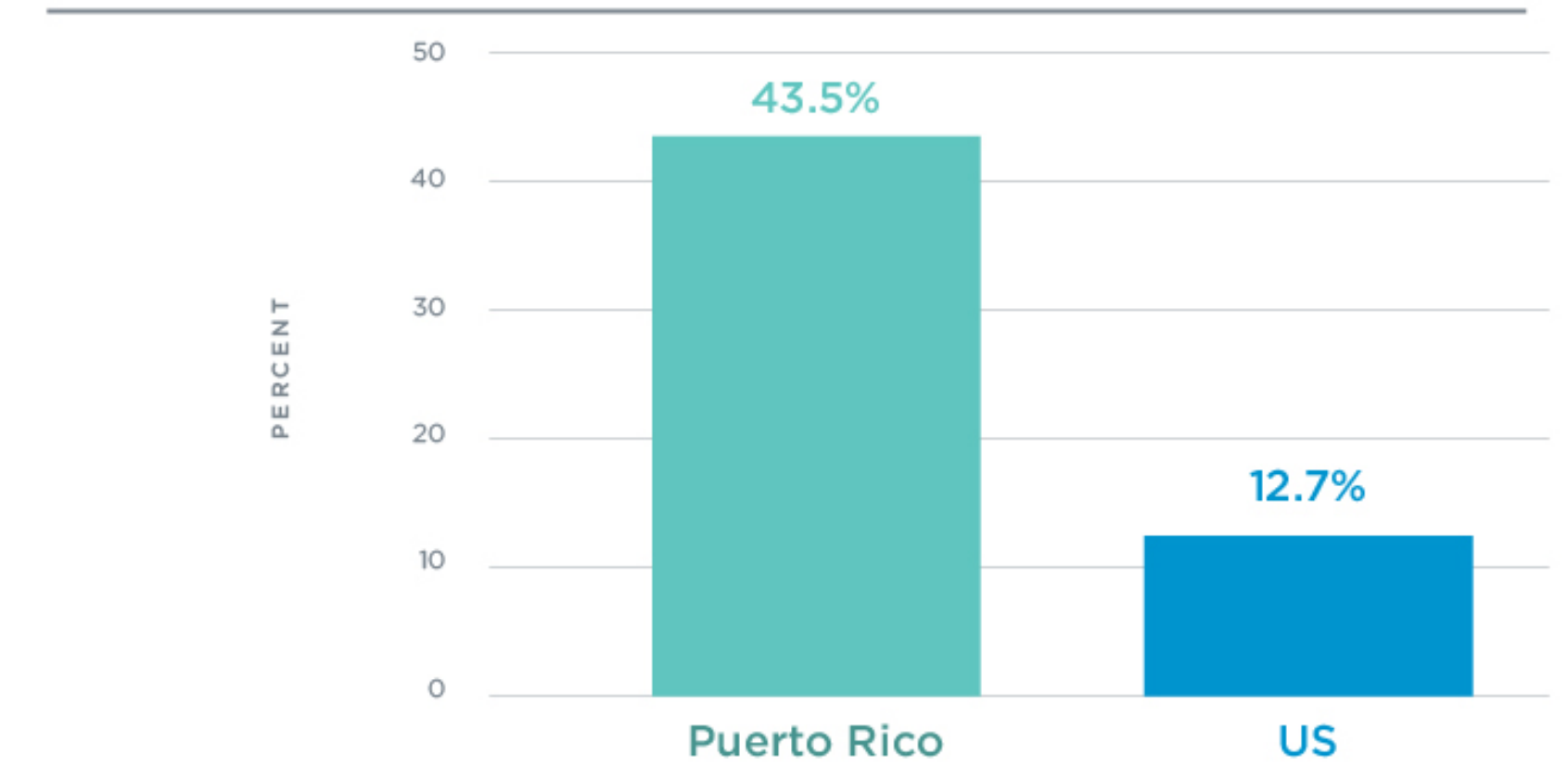
**Hurricane Maria
SAN JUAN, PUERTO RICO**

Puerto Rico was existentially stressed long before Hurricane Maria struck

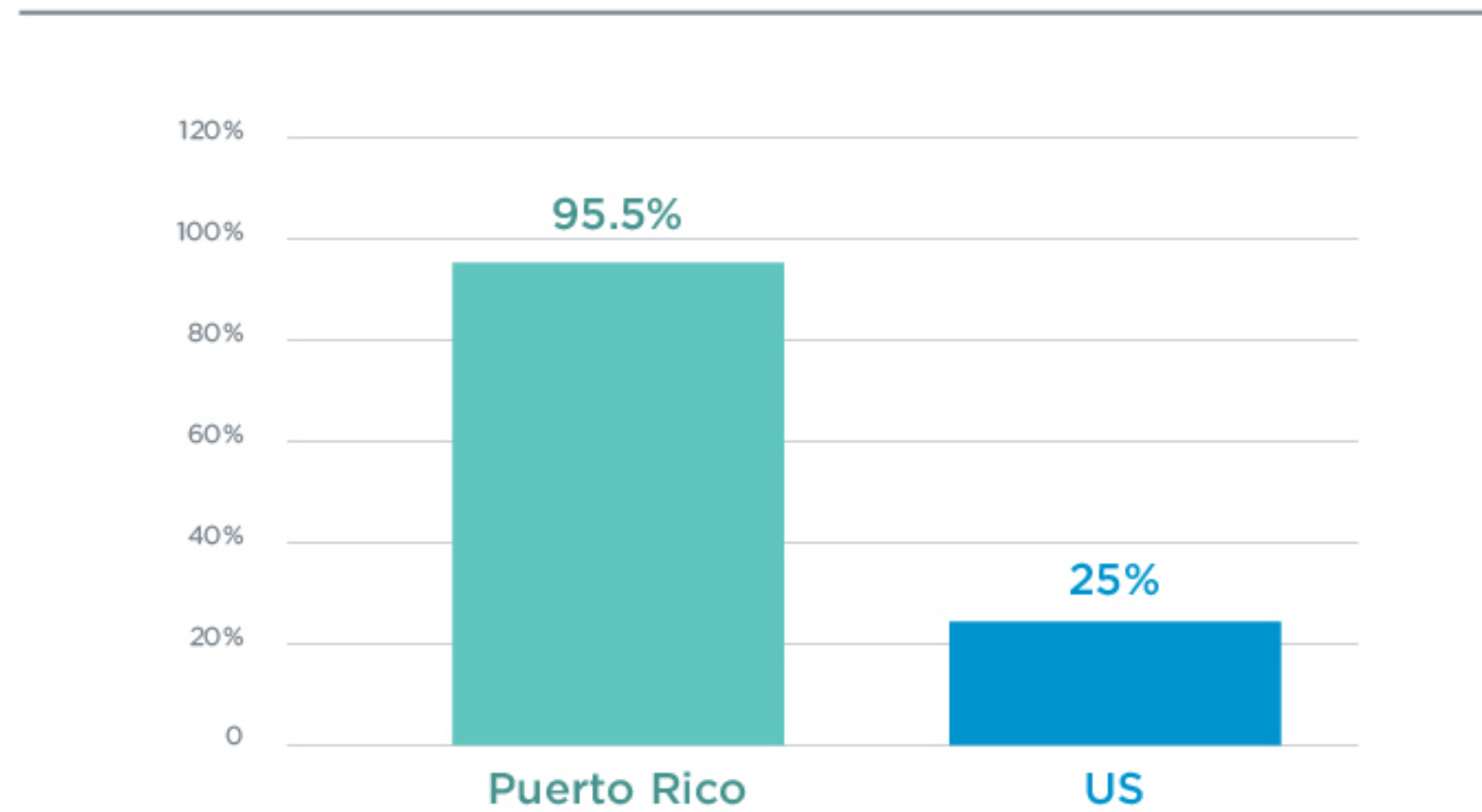
💰 Median Household Income



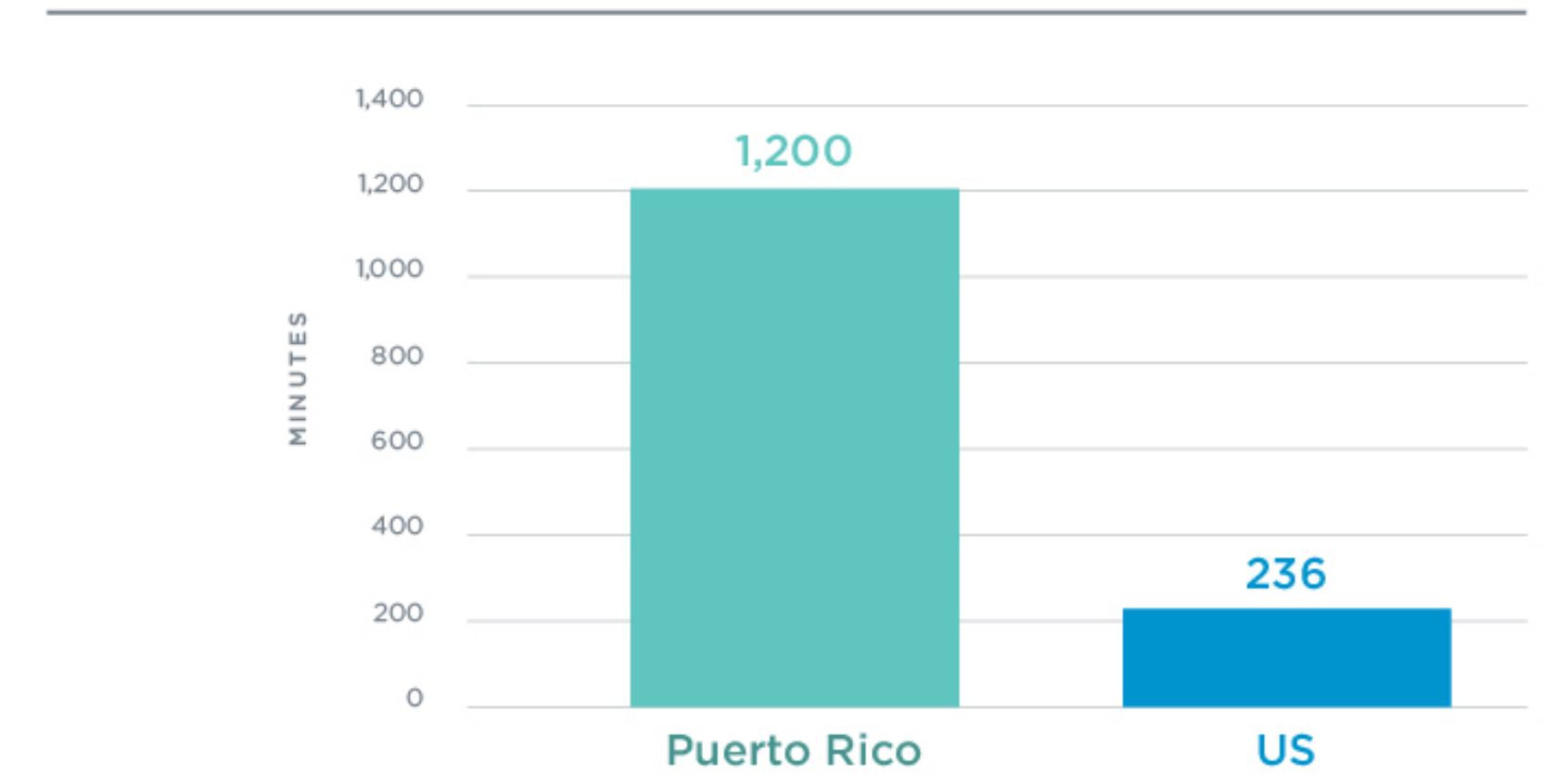
💰 Citizens Living Below Poverty Line



💧 Water that Violates the Safe Drinking Water Act

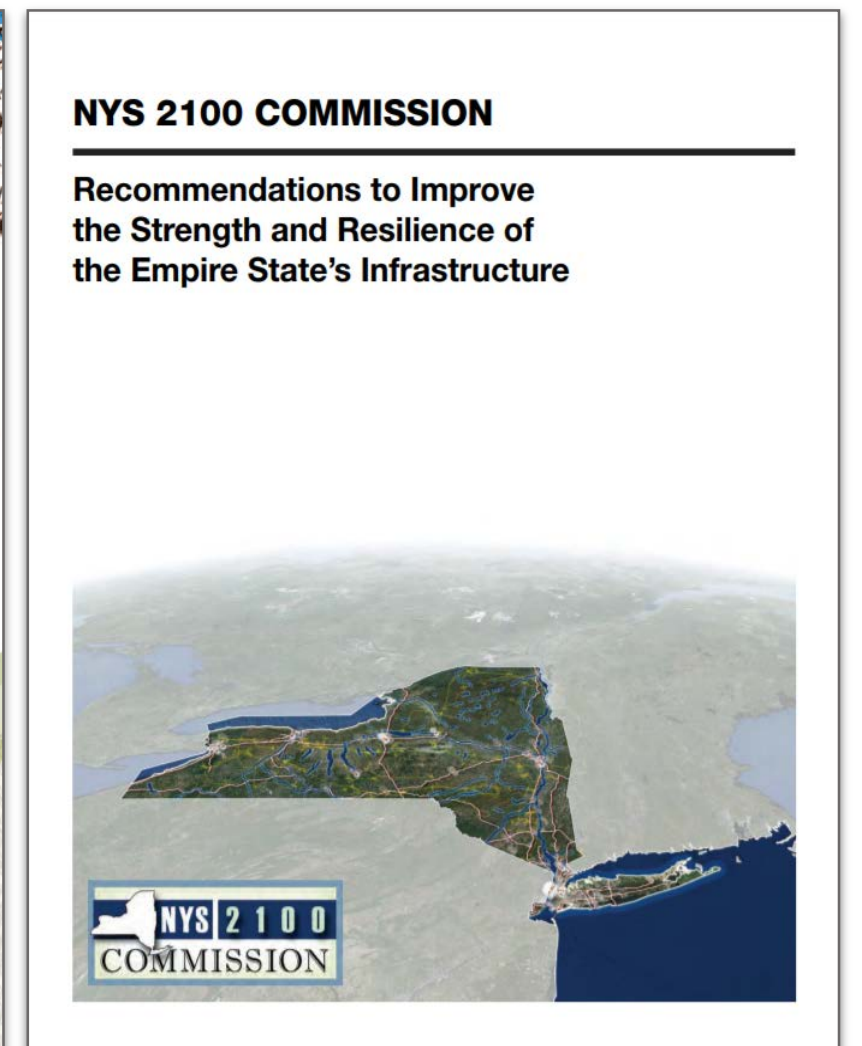
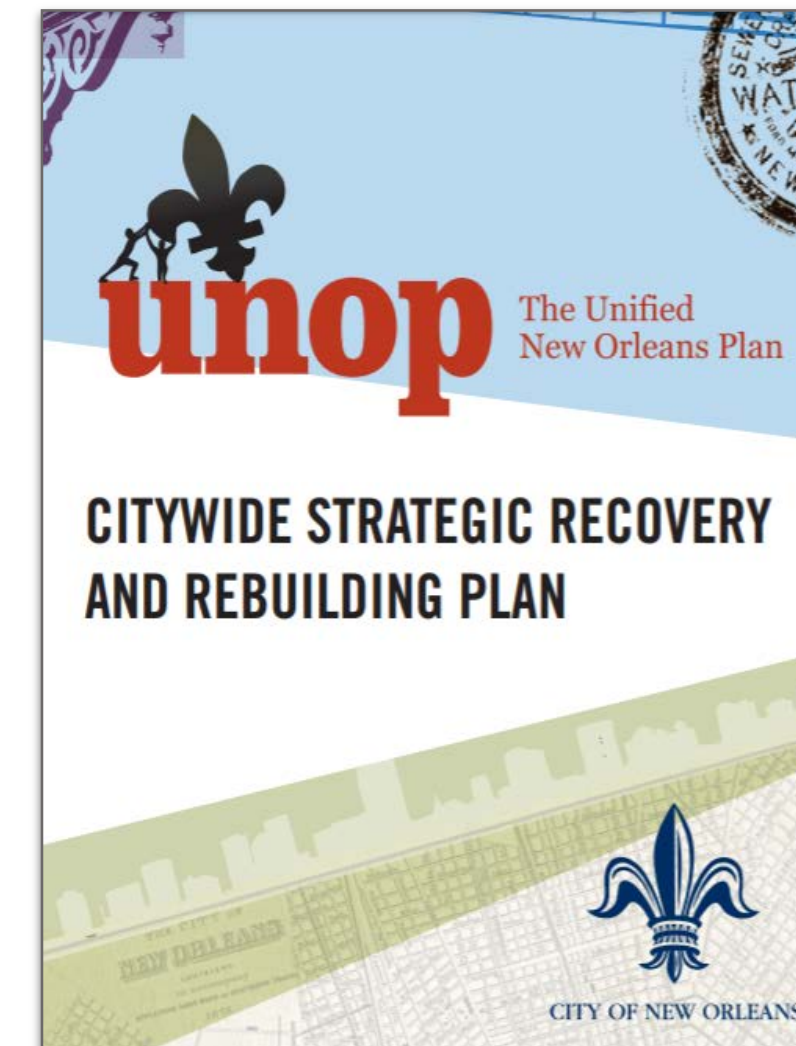


⚡ Power outages PER AVERAGE CUSTOMER



RE↑MAG↑INA Puerto Rico

Comisión Asesora para un Puerto Rico Resiliente



Informal housing/Micro & small business resilience/Workforce development

- Locally owned/operated data platform for community development and mitigation planning. Land tenure pathways identified.
- Business continuity planning & back-up energy equipment for micro- and small businesses
- Workforce development & skills certification on recovery projects



RESILIENT DESIGN: To Reduce Risks & Failure

Factors may include:

Natural Environment

- Flooding
- Wind
- Landslide
- Debris
- Earthquake

Other Physical Infrastructure

- Ports, storage & logistics
- Building stock, Industrial facilities
- Water supply
- Transport network
- Telecommunications
- Fuel & materials supply chains & Solid waste management

Social and Economic Considerations

- User skills & experience and willingness to pay
- Public health & safety requirements and community buy-in
- Operations and maintenance staff capacity and availability
- Funding for O+M

RESILIENCE PROJECT

DESIGN TO BUILD RESILIENCE: Reduce Vulnerabilities & Increase Benefits

Direct Benefits may include:

- Enabling economic activity
- Enabling provision of public goods and meeting basic needs
- Enabling provision of social services (education, health, security)
- Enabling connectivity – physical and communications

Indirect 'Co-benefits' may include:

- Economic competitiveness
- Household financial well-being
- Improvements in health and well-being
- Improvements in safety and security
- Environmental benefits
- Community amenities



50+ RESILIENCE STRATEGIES



120 PLATFORM PARTNERS



GLOBAL NETWORK