

HAZARD PARAMETERS

EXPOSURE PARAMETERS

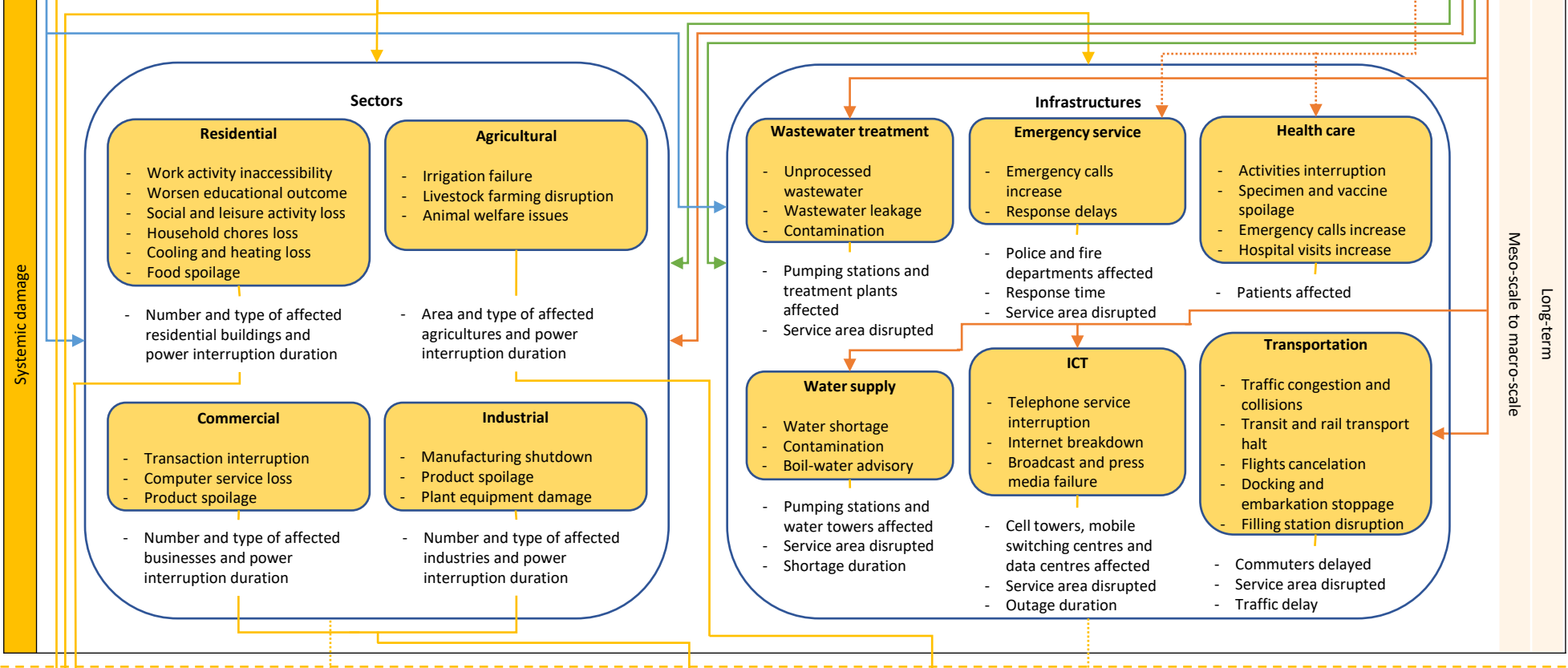
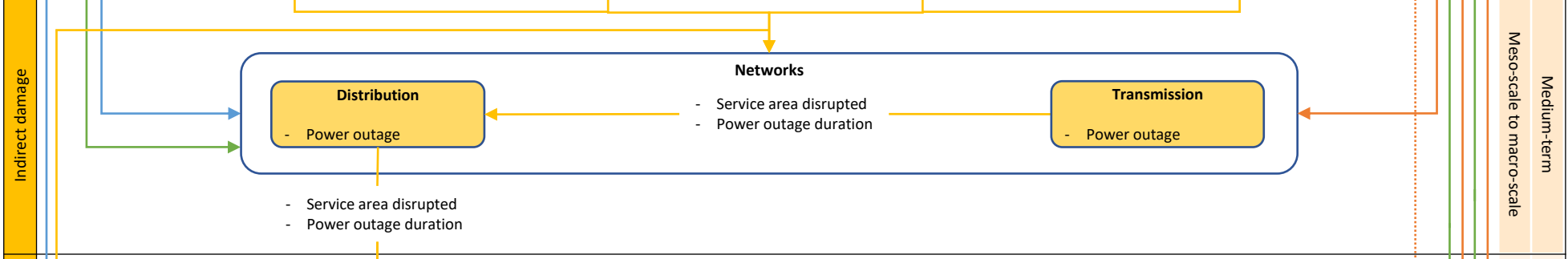
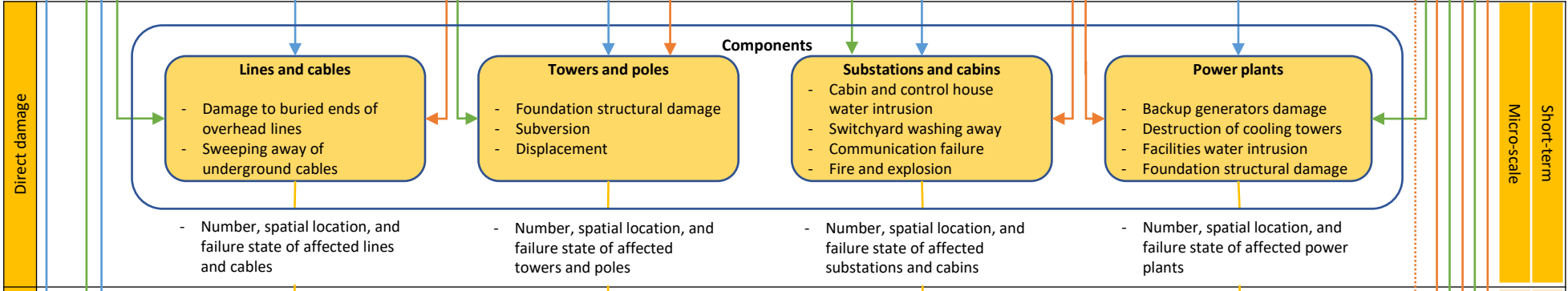
VULNERABILITY PARAMETERS

- Inundation depth
- Debris/sediments amount
- Duration of inundation
- Flow velocity
- Timing

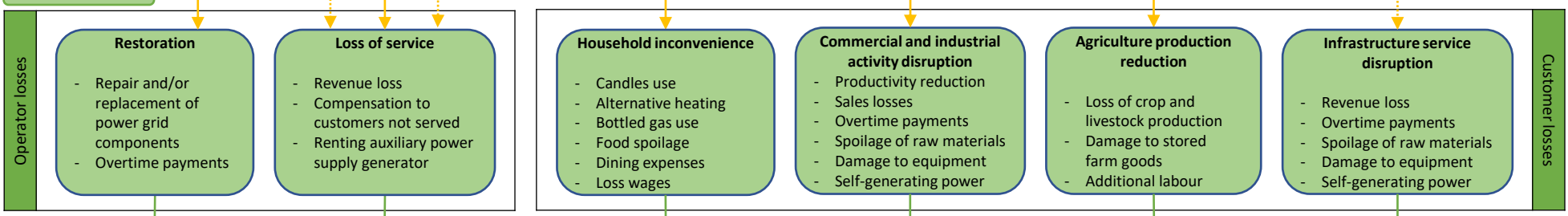
- Service area
- Sector area
- Length of lines and cables
- Number of lines and cables
- Height of towers and poles
- Number of towers and poles
- Area of substations and cabins
- Number of substations and cabins
- Area of power plants
- Number of power plants

- Installation depth
- Carrying capacity
- Voltage level
- Pumping installation
- Air vents height
- Flood protection system
- Electrical equipment height
- Nominal capacity
- Hierarchy
- Control policy
- Topology
- Configuration
- Interconnections
- Self-generating power
- Type of sector
- Size of sector

PHYSICAL MODEL



ECONOMIC MODEL



RC

LSC

HIC

CIADC

APRC

ISDC

$D = f(RC, LSC, HIC, CIADC, APRC, ISDC)$