

# Energy Analytical Framework

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# Energy Analysis Framework

## External factors and enabling environment

Climate and weather conditions

Environmental resources

Built environment/Shelter

Climate change

Political & Legal framework

### Causal factors

#### Vulnerability:

Exposure, Susceptibility, and Resilience to specific hazards events or ongoing conditions

Displacement: (natural, socio-economic, conflict, disease and others)

impact

### Energy - Dimensions

Energy for Cooking

Electricity

Lighting

Space heating/cooling

WASH

Availability

Accessibility

Use

Quality

### Outcomes

#### Protection

Shelter safety  
WASH facilities  
Community facilities  
Moving around site  
Reduced GBV incidents

#### Food Consumption

Safe for Human Consumption

Household air pollution  
Safe air quality

#### Well-being

Reduced fuel burning  
Connectedness with family and community

#### Water Purification

Safe for Human Consumption

Nutrition  
Reduction in malnutrition

Livelihood  
Cost Savings  
Time Savings

feedback

examples

Socio-Economic Risk

Health risk

Food security risk

Safety risk

GBV risk

Nutrition risk

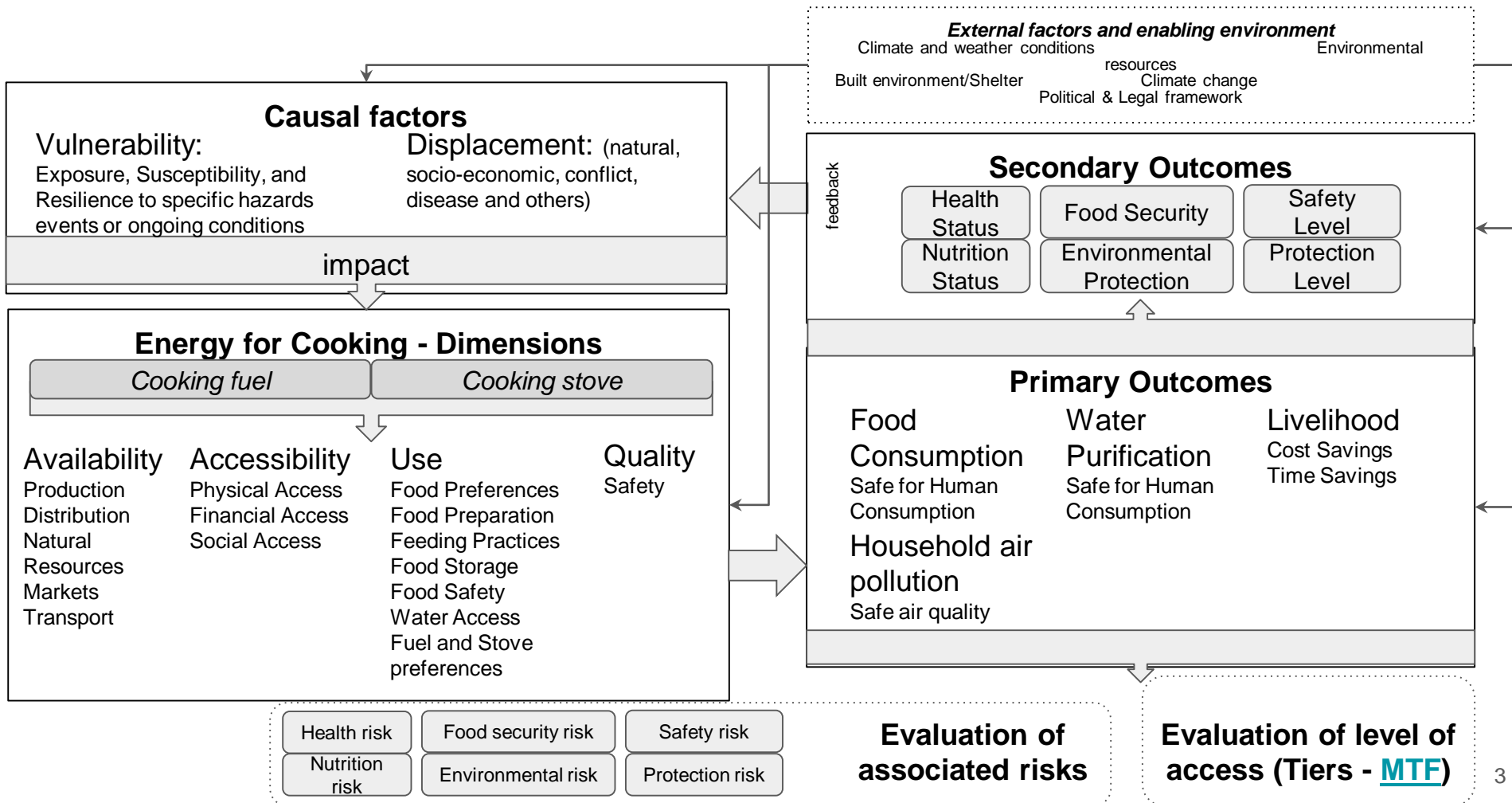
Environmental risk

Protection risk

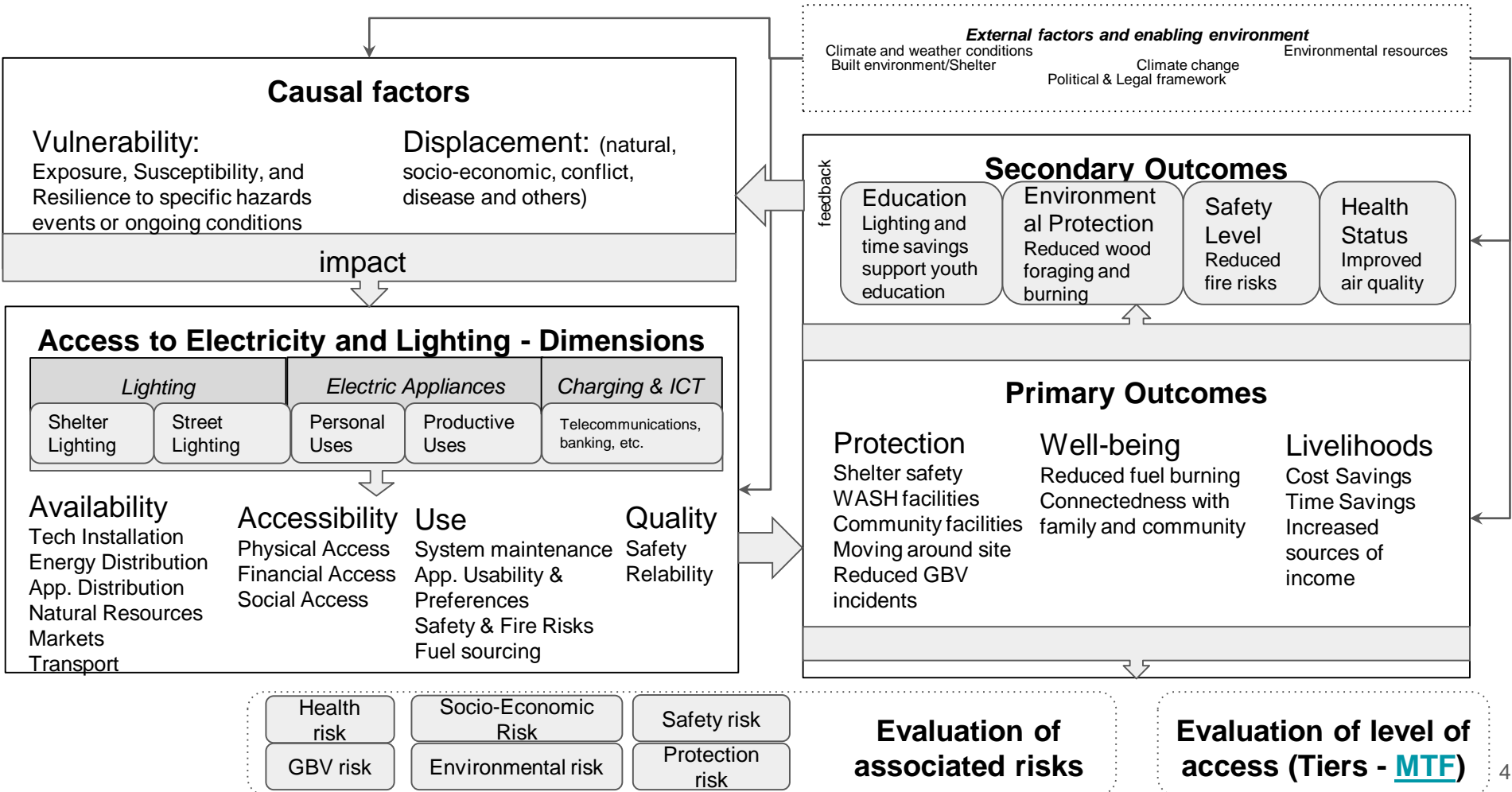
Evaluation of associated risks

Evaluation of level of access (Tiers - [MTF](#))

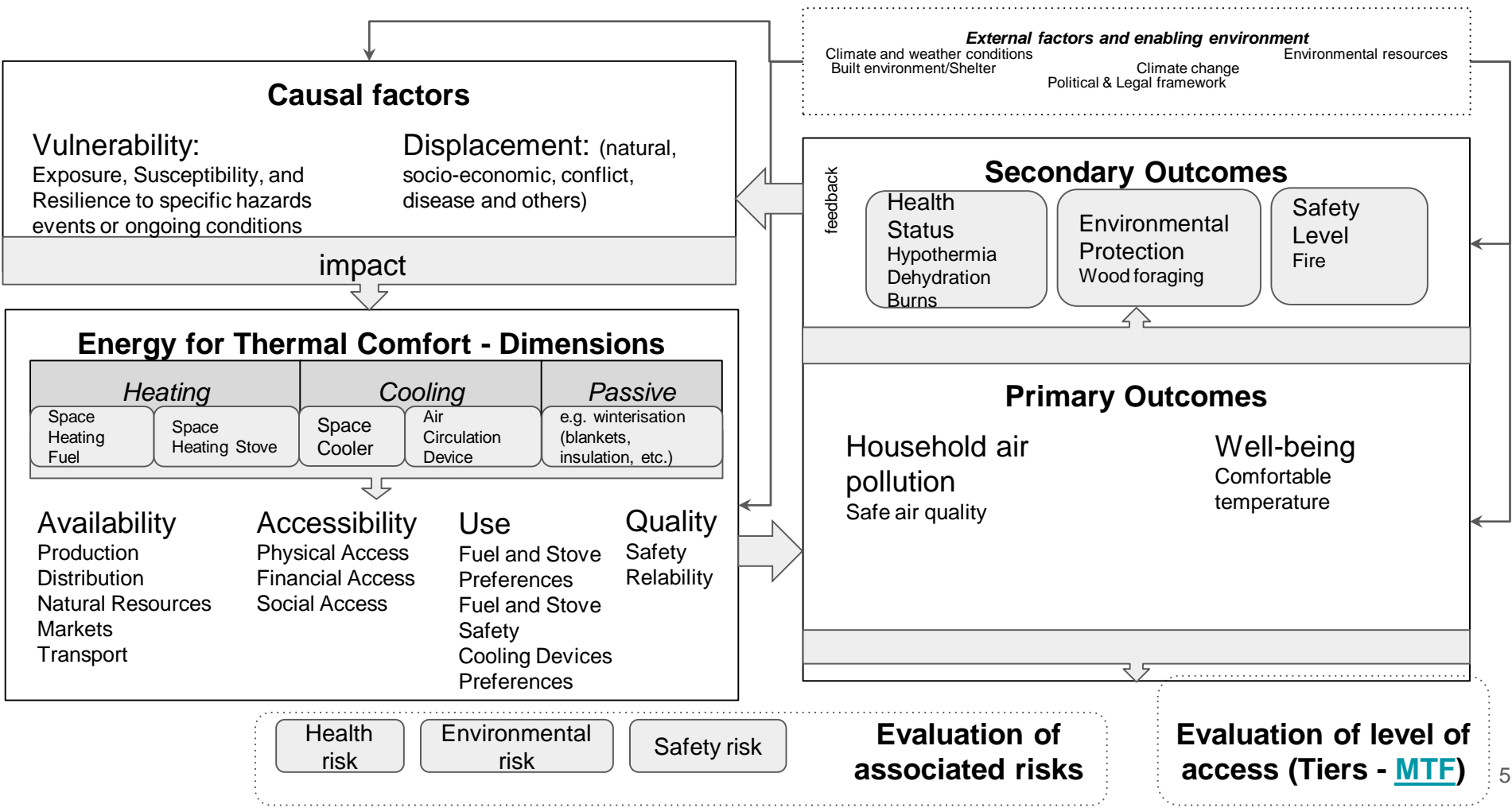
# Energy Analysis Framework - Energy for Cooking



# Energy Analysis Framework - Access to Electricity and Lighting



# Energy Analysis Framework - Energy for Thermal Comfort (Space Heating and Cooling)



# Energy Analysis Framework - Energy for WASH (Water, sanitation and hygiene)

