

Sustainable Livelihoods for Disaster Risk Reduction



Learning Objectives

At the end of the session, you should be able to:

01. Discuss the sustainable livelihood approaches
02. Examine the link of the sustainable livelihood approaches to disaster risk reduction

Sustainable Livelihood

Livelihood is sustainable when it can **cope** with and **recover** from **stresses** and **shocks**

Maintain or enhance its capacities and assets and provide sustainable opportunities of the next generation

Robert Chambers

Outcomes of Sustainable Livelihood Framework

In Simple words;

- More Income
- Increased wellbeing
- Reduced Vulnerability
- Improved Food Security
- More Sustainable use of natural resources base

Sustainable Livelihood in DRR Policy Framework

- Disasters should be looked at and treated **as issues of development and governance** rather than just DM
- Paradigm shift in DRR policies towards **poverty reduction and development** from merely emergency response and relief
- Comprehensive DRR measures should include both **structural and non-structural measures** such as entitlements and enhancing negotiation power , market access

OPTIONS for Poor Families in Vulnerable Areas with Vulnerable Livelihood

1. RELOCATION **X**

2. DISASTER PREVENTION **X**

3. RISK REDUCTION



RISK



Comparison of Risk in Two Scenarios

VALUES : 1 - 5

(LOWEST - HIGHEST)

Insured Businessman:

$$\text{RISK} = (\text{H}) 4 \times \frac{(\text{V}) 1}{(\text{C}) 5} = 0.8$$

A widow living in a flood plain

$$\text{RISK} = (\text{H}) 5 \times \frac{(\text{V}) 5}{(\text{C}) 1} = 25$$

Through your livelihood support;

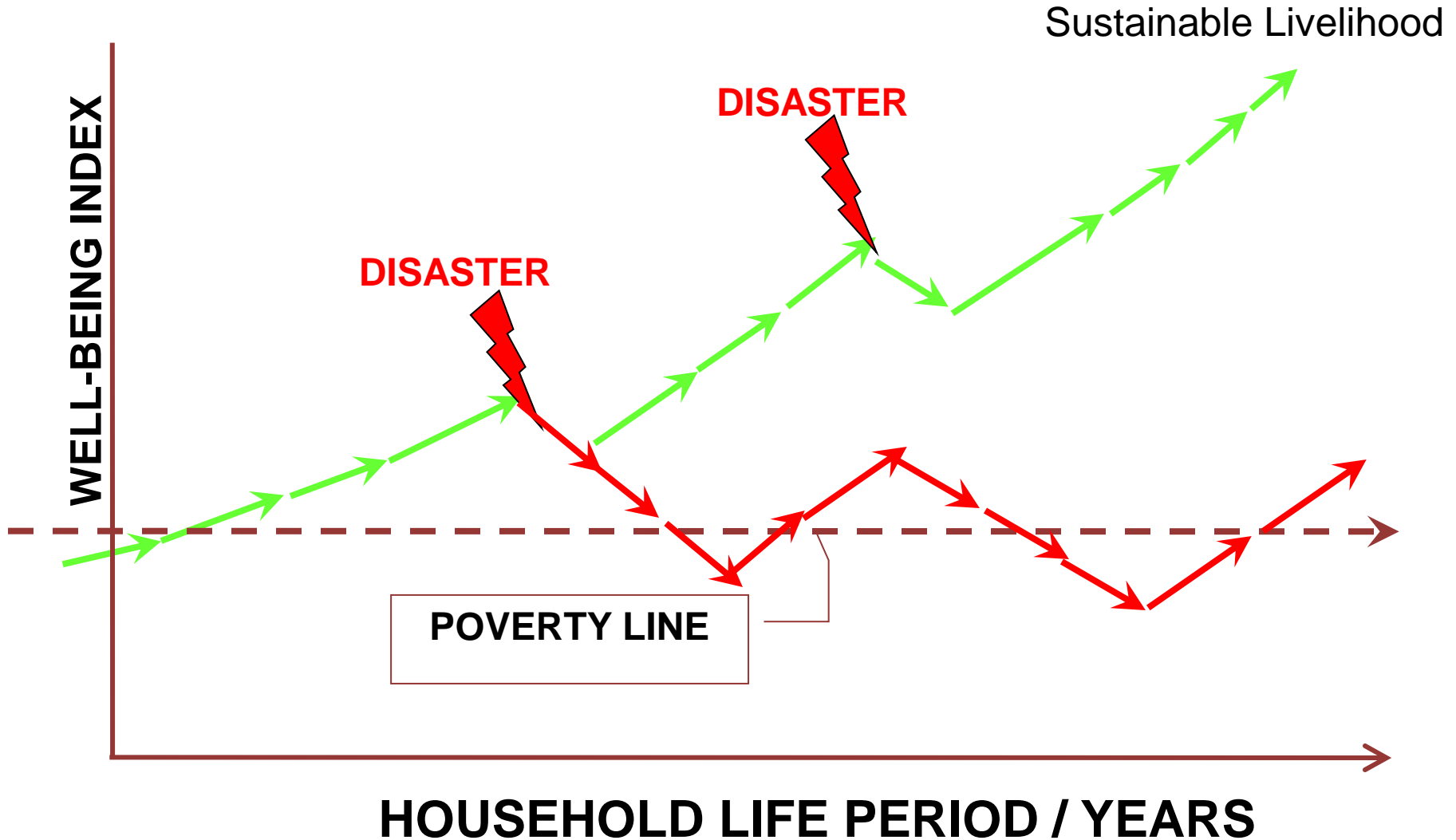
The widow :

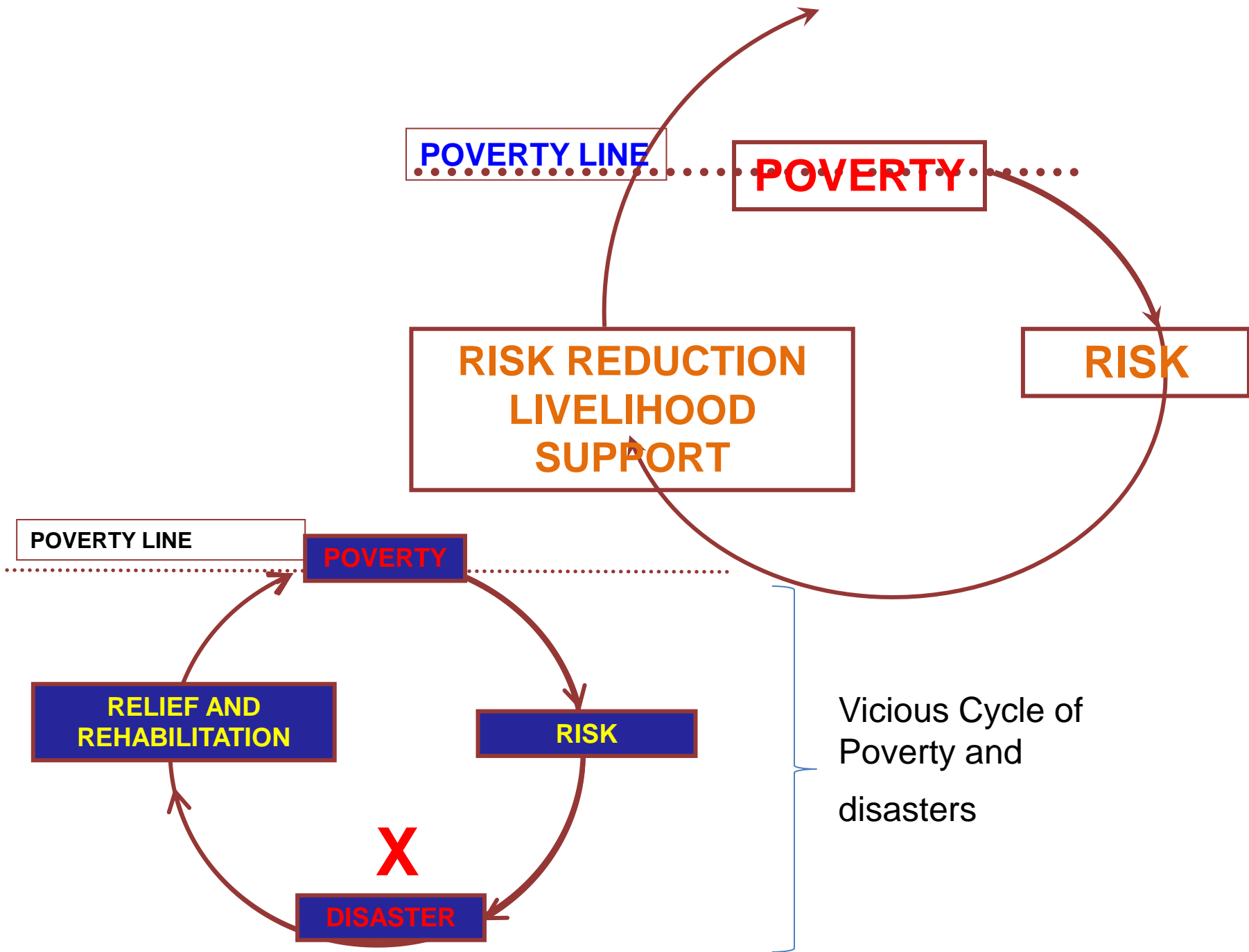
$$\text{RISK} = (H) 5 \times \frac{(V) \cancel{5}^4}{(C) \cancel{2}^2}$$
$$= 10$$

Basic Requirements for Risk Reduction of the Poor

- ✓ **SUSTAINED LIVELIHOOD**
- ✓ **EMPOWERMENT**

Progression of Household Wellbeing with Sustainable Livelihood





SMART

SUSTAINABLE

MEASURABLE

ACHIEVABLE

REPPLICABLE

TIME-BOUND

Challenges

- A belief in the potential power of the poor people
- Sustain ethical, moral and social commitment
- Integration of CBDRR into development planning (as you already discussed)

Thank you