# Mainstreaming Disaster Risk Reduction into National Development Planning and Financing in Asia-Pacific

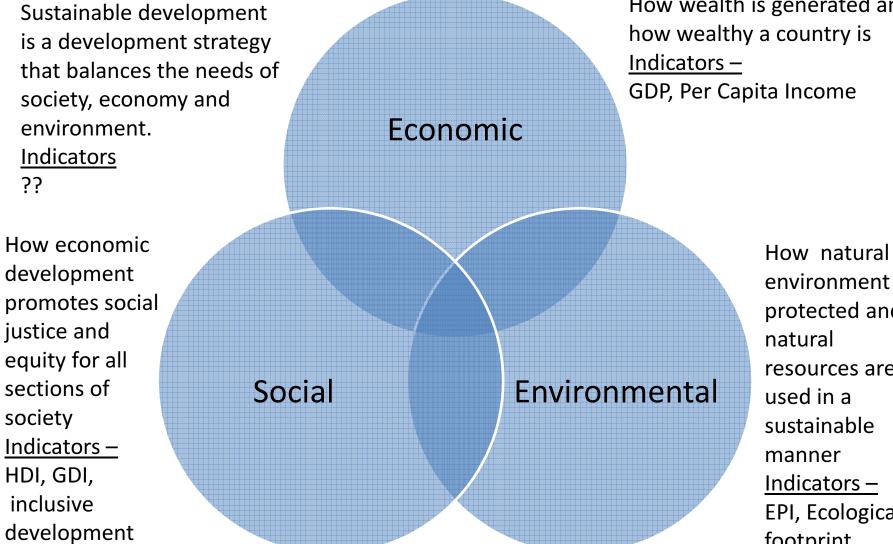
# **Outline**

- 1. Development, sustainable development and disaster
- Guidelines for mainstreaming Disaster Risk Reduction in National Development Planning
- 3. Tracking public investment on DRR: Case Studies from Asia-Pacific

# What is development?

- Development means "improvement in a country's economic and social conditions".
- More specifically, it refers to improvements in ways of managing an area's natural and human resources in order to create wealth and improve people's lives (and happiness)
- Development has economic, social and environmental dimensions that are closely interrelated

## Three dimensions of development



How wealth is generated and how wealthy a country is

> environment is protected and natural resources are used in a sustainable manner Indicators – EPI, Ecological footprint

#### Environmental

A Viable Natural Environment

Sustainable
Natural and Built
Environment

Sustainable Economic Development

Sustainable Development

Social

**Economic** 

Nurturing Community

Equitable Social Environment Sufficient Economy

### **Disasters**

Disaster = Dis (bad) + Astor (star)

Risks of disaster =  $[ \{ h x v \} x e ] \div c$ 

**h = Hazards -** *Potentiality* of a physical event that may cause loss of life or property

**v** = **Vulnerabilities** - *Factors or processes* - physical, social, economic, and environmental - which increase susceptibility of an area or a community to impact of hazards

**e** = **Exposure** – *Exposure* to the hazards

**c** = **Capacities** - *Strengths and resources* available within a community, society or organization that can reduce the level of risk, or the effects of a disaster.

# Three dimensional view of disaster and development

Disasters erode gains of development

Deficits in development create risks of disasters

**Development creates new risks of disasters** 

# STERS ERODE GAINS OF **DEVELOPMENT**



