



meeting München 8./9.11.2006

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# WP9

## Sustainable regional development

### Some first steps

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# Sustainable development

„Human beings are at the centre of concerns for sustainable development. They are entitled to a healthy and productive life in harmony with nature.” (UN 1992: principle 1)

## Main objectives of sustainable development (principles 1, 3, 11)

- Rights for development, environmental protection and health
- Equity between generations
- Equity within generations

## Main effects

First integrative policy strategy to integrate environmental protection, disarmament, debt crisis, demographic development, desertification and forest damages

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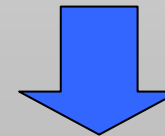
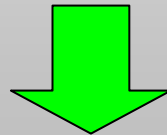


# Basic concepts

Two main concepts of the focus

**Priority for ecology**

**Priority for equity  
between and within  
generations**



Debate on

**sustainability versus sustainable development**

**The mediatorial approach**

**Decrease of one dimension (in defined limits) is  
acceptable if another dimension can be restored**

**Position in DIAMONT ?**

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# Levels of equity

EQUITY	
between generations	within generations
Long-term preservation of living resources	International justice of wealth
	social justice within a country
	justice between sexes

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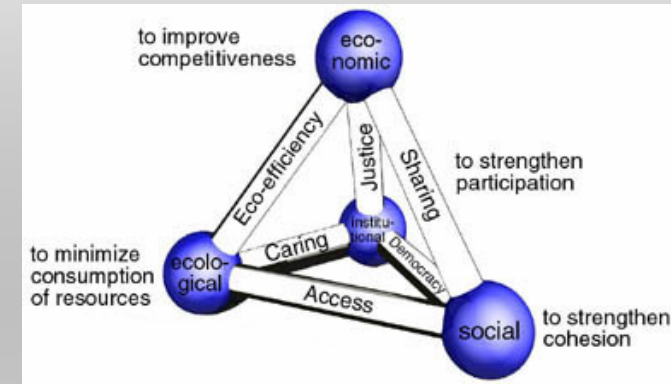
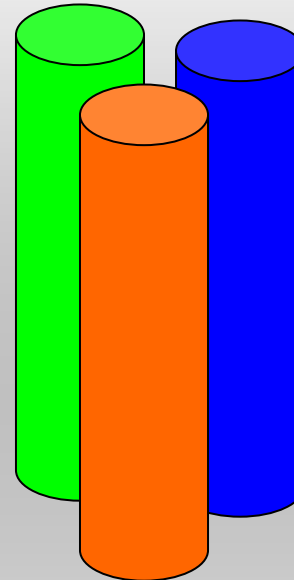
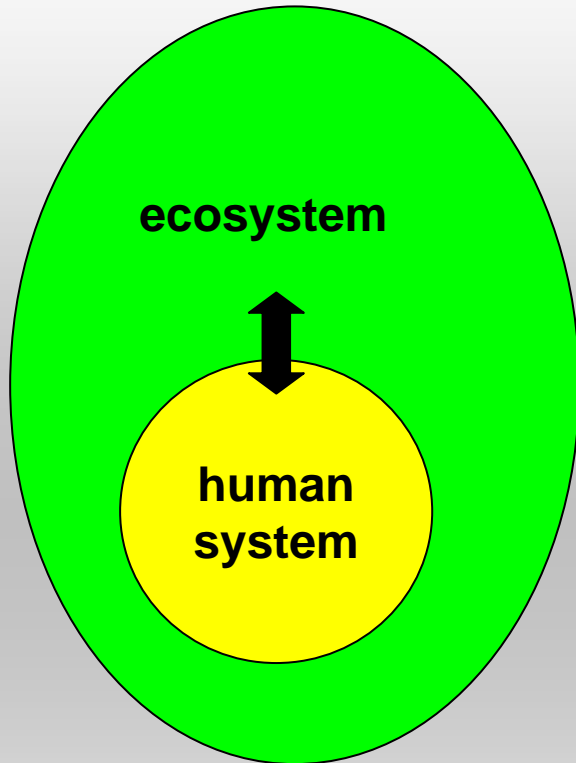
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# Basic Models



Source: EUDB 2006

“Egg of Sustainability”

“Tree Pillar Approach”

“Magic Triangle / Pyramid”

after Guijt & Moiseev 2001, IDRC 1997

1 -

Increasing number of dimensions

- 8

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# Basic concepts

## Two main concepts of implementation

### Strong sustainability

No compensation between dimensions acceptable

### Weak sustainability

Compensation partly or completely acceptable

### Compromises

e.g. Swiss sustainability strategy

Position in DIAMONT ?

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# Methodological approaches

- **Ecological / Ecosystem approach**
- **Economic approach**
- **Functional approach**
  
- **DIAMONT approach: so far more an ecosystem approach**
- **Advantages: offers systematic analysis of relations**
- **Disadvantage: Difficulties in terms of implementation into the economic system**

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# What is sustainable regional development ?

**Easy at a general level:**

**Regional development is sustainable, if**

- **long-term preservation of living resources,**
- **International justice of wealth,**
- **social justice within a country,**
- **justice between sexes**

**are respected by regional development**

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# What is sustainable regional development ?

## **Sustainable Development is development,**

- **which covers present needs without compromising needs of future generations**
- **means guarantee of living conditions in the sense of human rights by creation and maintenance of a high number of life style options**
- **Fairness within and between generations in terms of the use of ecological, economic and social resources**
- **Comprehensive protection of biological diversity (ecosystem diversity, species diversity, genetic diversity)**
- **Long term equity between ecological, economic and social objectives**

**Extract from:**

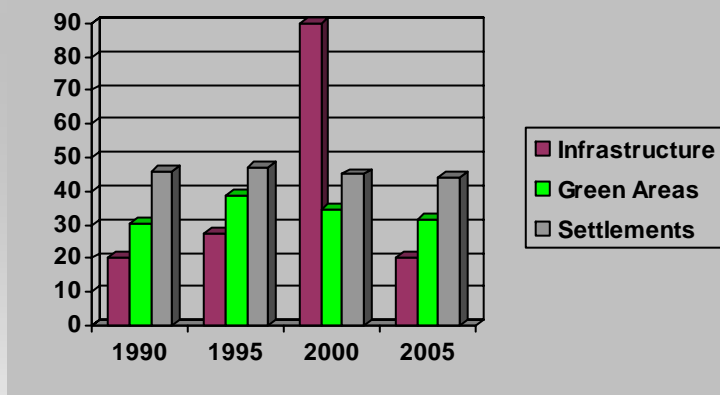
**Strategy Sustainable Development Switzerland (2002) / MONET**



# How to evaluate or measure the sustainability ?

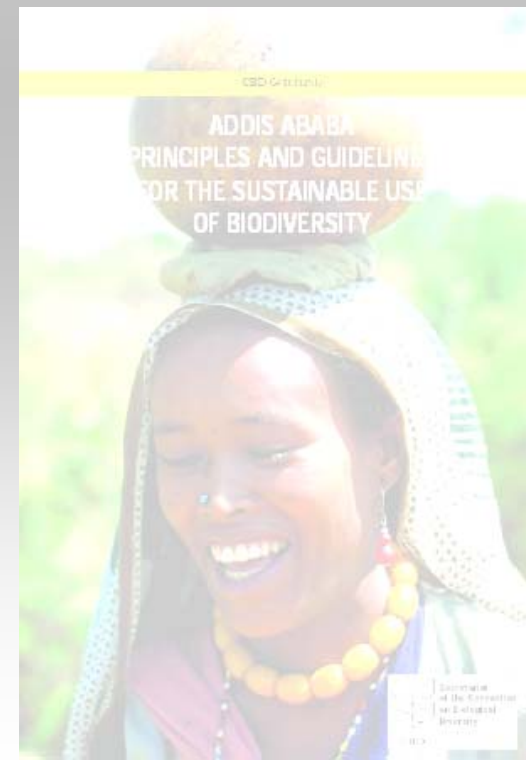
## Quantifiable objectives

Requires threshold values, target values, etc. and relevant data



## Qualitative estimation

Malawi- and Addis-Ababa-Principles derived from Convention of Biological Diversity



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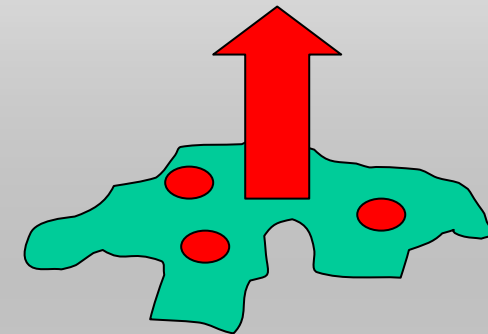


# Objectives needed for regional development

## Two approaches of objective definition

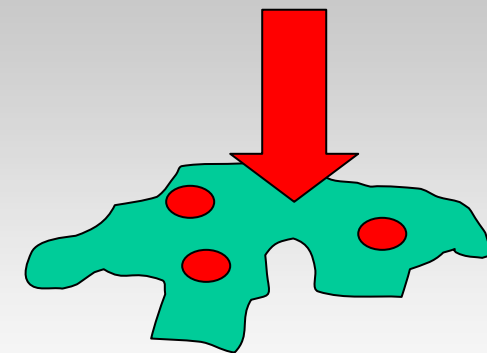
- **Inductive approach**  
from specific local situation, backed up by relevant policy objectives

+ specific and applicable  
- not transferable



- **Deductive approach**  
from clear perception of a common problem

+ partly transferable to other situations  
- risk of misinterpretation of local situations



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# Further developments

- Survival development, Meadows 1995
- Good heritage, Keiner 2005
- Evolutionability, Keiner 2005

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