

# **Knowledge brokering in a challenging global context**

seminar on  
Forest Sciences and Forestry in a challenging global context

29th January 2014

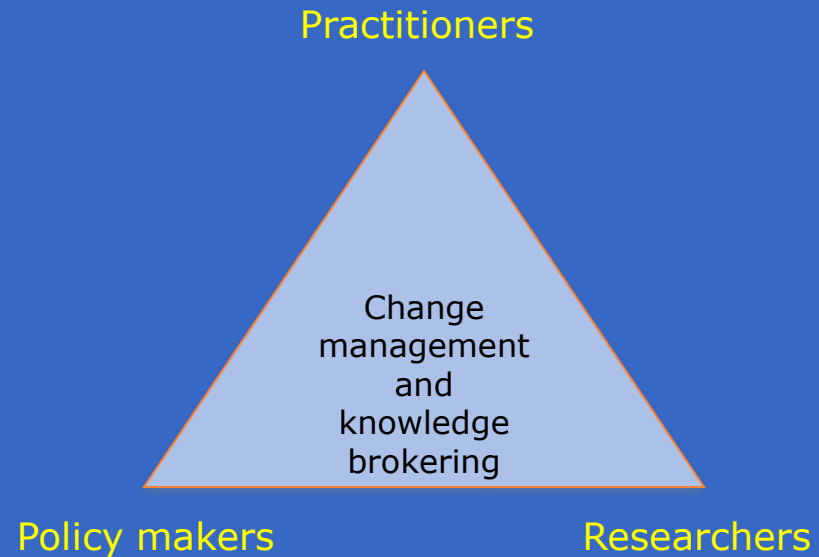
Dr Cornelis van Tuyl

My own experience is based on:

Forestry projects  
(1981 – 2002)

Watershed Management in  
the Mekong Region  
(2002 – 2008)

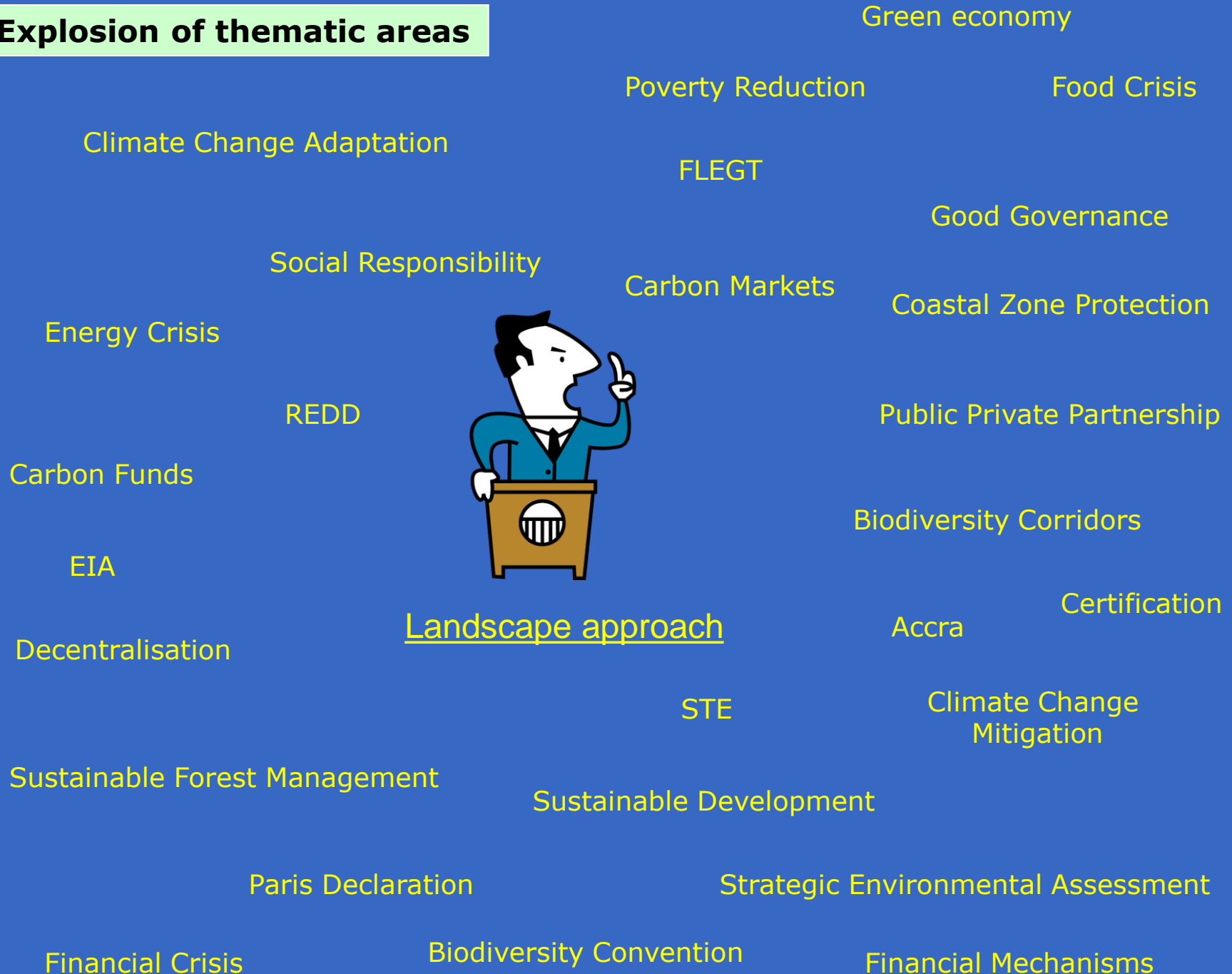
Integrated Coastal Zone  
Management in the Vietnam  
Delta  
(2009 – 2013)



## Topics

1. Changes within and around the forestry sector
2. Capacity development
3. Knowledge brokering
4. Absorption capacity

# Explosion of thematic areas



# The Forestry sector

## Classical Forestry Sector

Forestry Sector covers the sustainable provision of goods and services like:

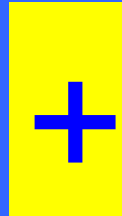
- Timber
- Fuel Wood
- NTFP
- Agroforestry
- Nature Conservation



## Actual Forestry Sector

Forestry Sector covers the sustainable provision of a higher variety of goods and services like:

- Timber
- Fuel Wood
- NTFP
- Agroforestry
- Nature Conservation



- Climate change mitigation and adaptation
- Carbon sequestration
- Biodiversity conservation
- Coastal Zone Protection (Mangroves)

- Forests and gender
- Forests and water
- Forests and landscapes
- Forests and livelihoods
- ...



Implications?



Implications?

**These additional "Goods and Services" require:**

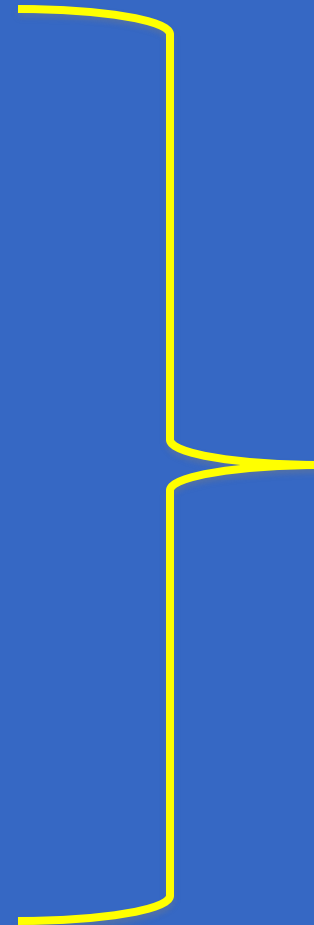
**1. New, additional/modified sustainable development strategies and procedures**

**2. New, additional/modified regulatory framework**

**3. New, additional/modified institutional framework**

**4. New, modified human resources capacity building programs**

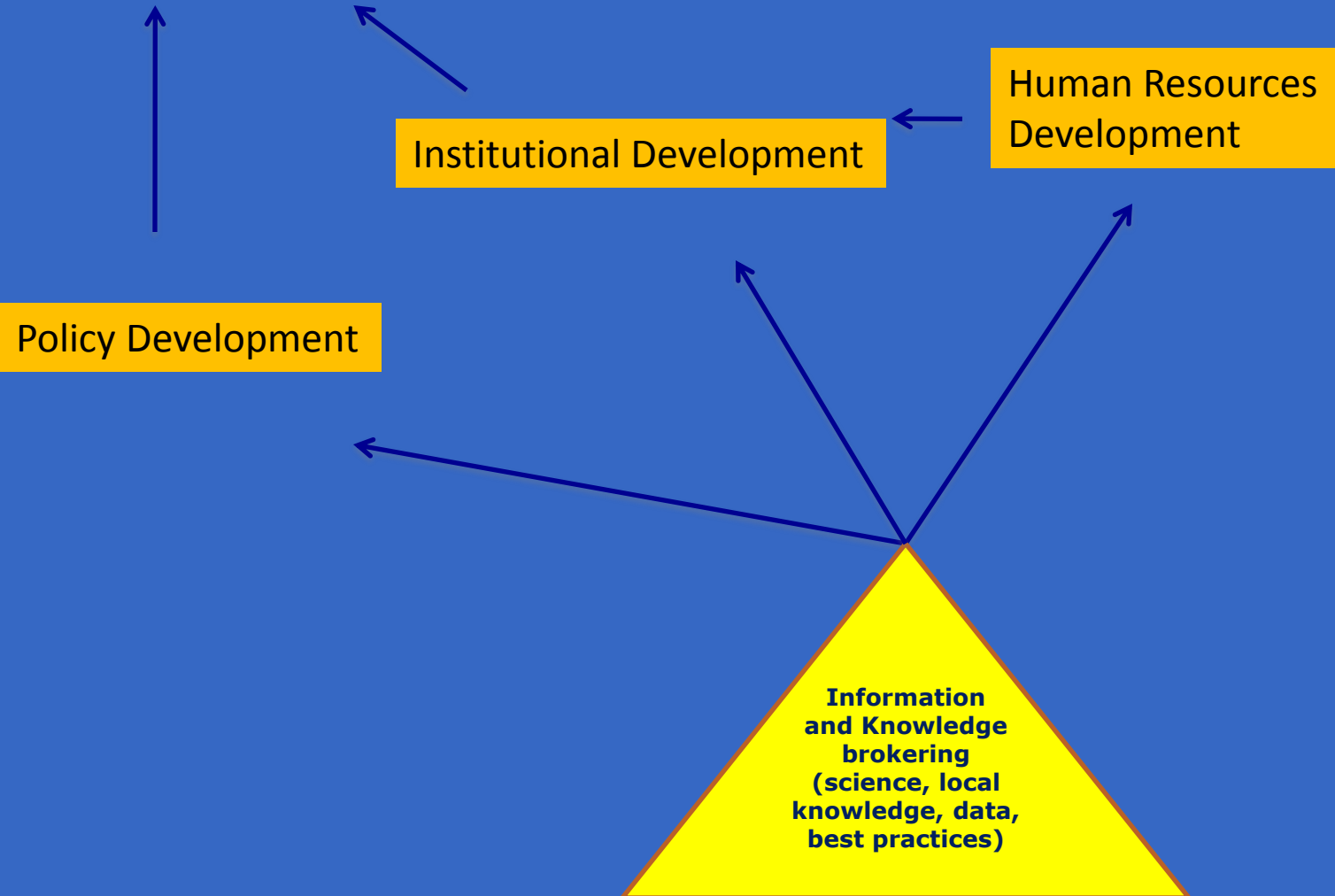
**5. An adapted Capacity Development Process**

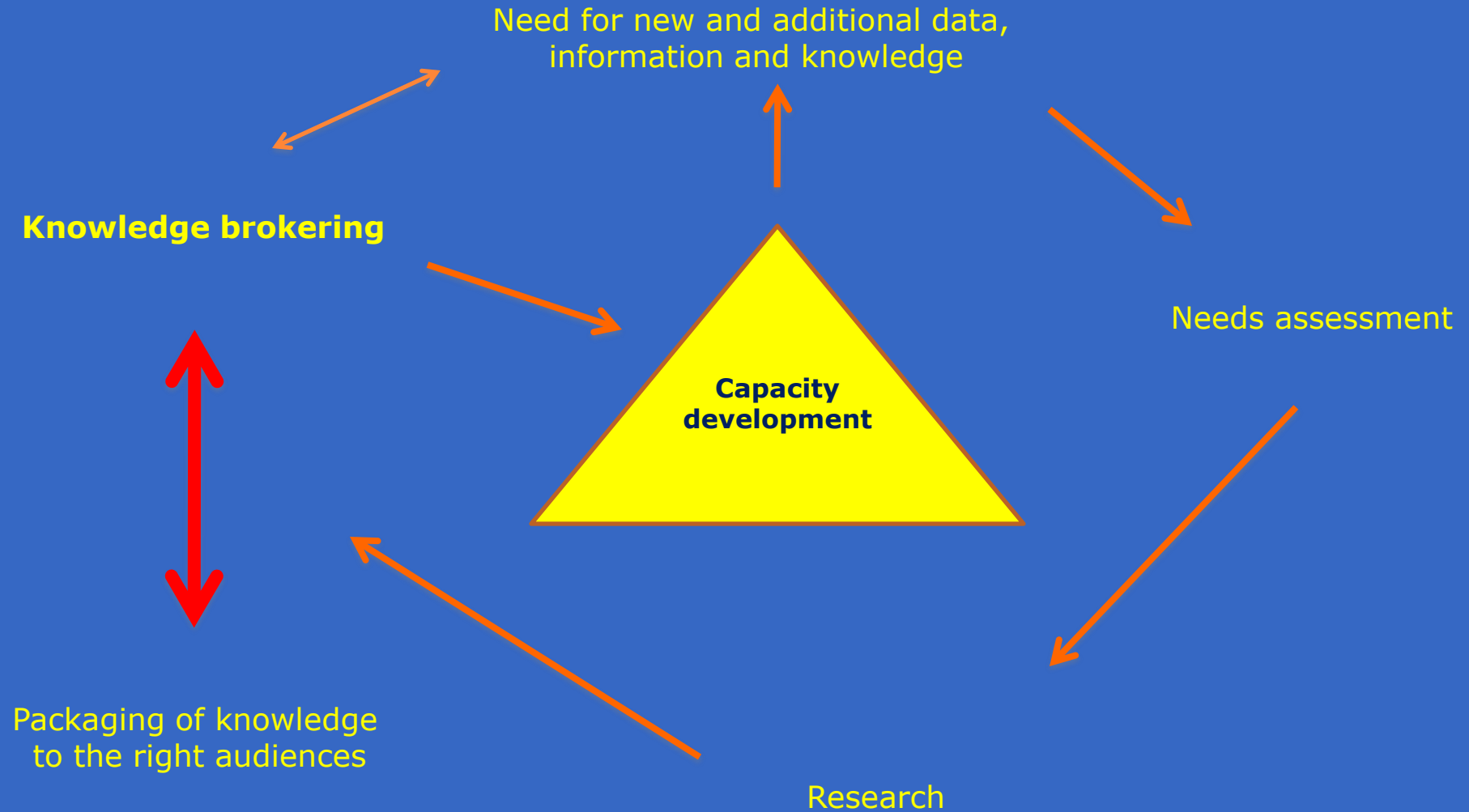


Need for an adapted knowledge brokering system

SFM

Capacity Development depends on knowledge brokering



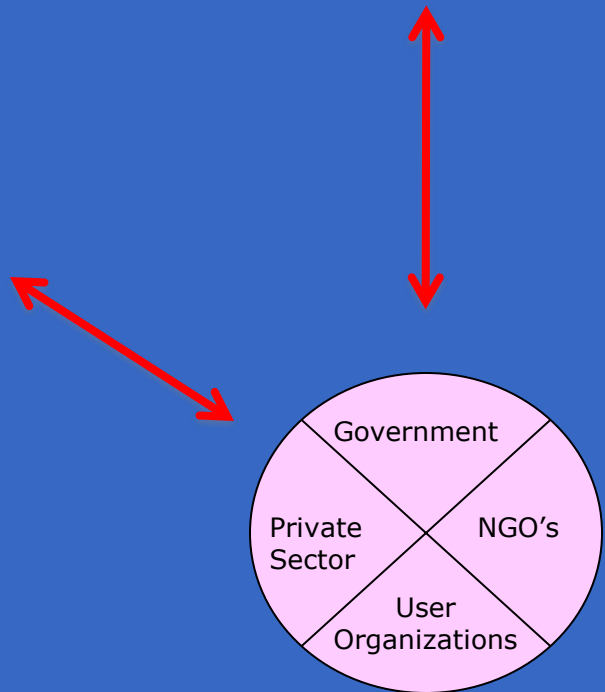




Who needs to know what, when and why

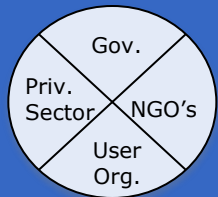


Involved and relevant institutions

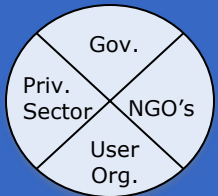


# Knowledge Management – levels, sectors and organizations of concern

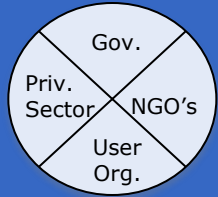
Forestry



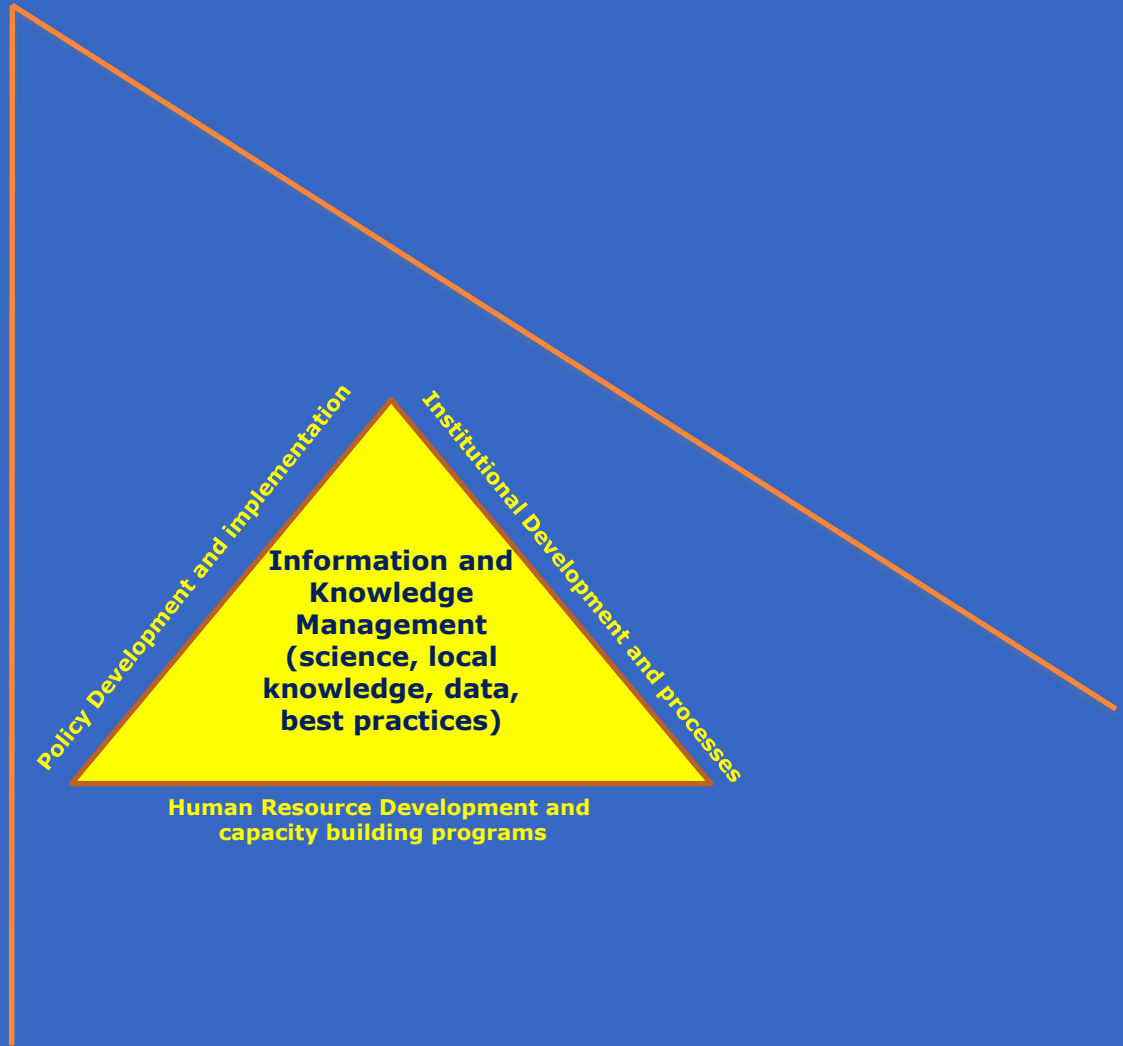
Province level



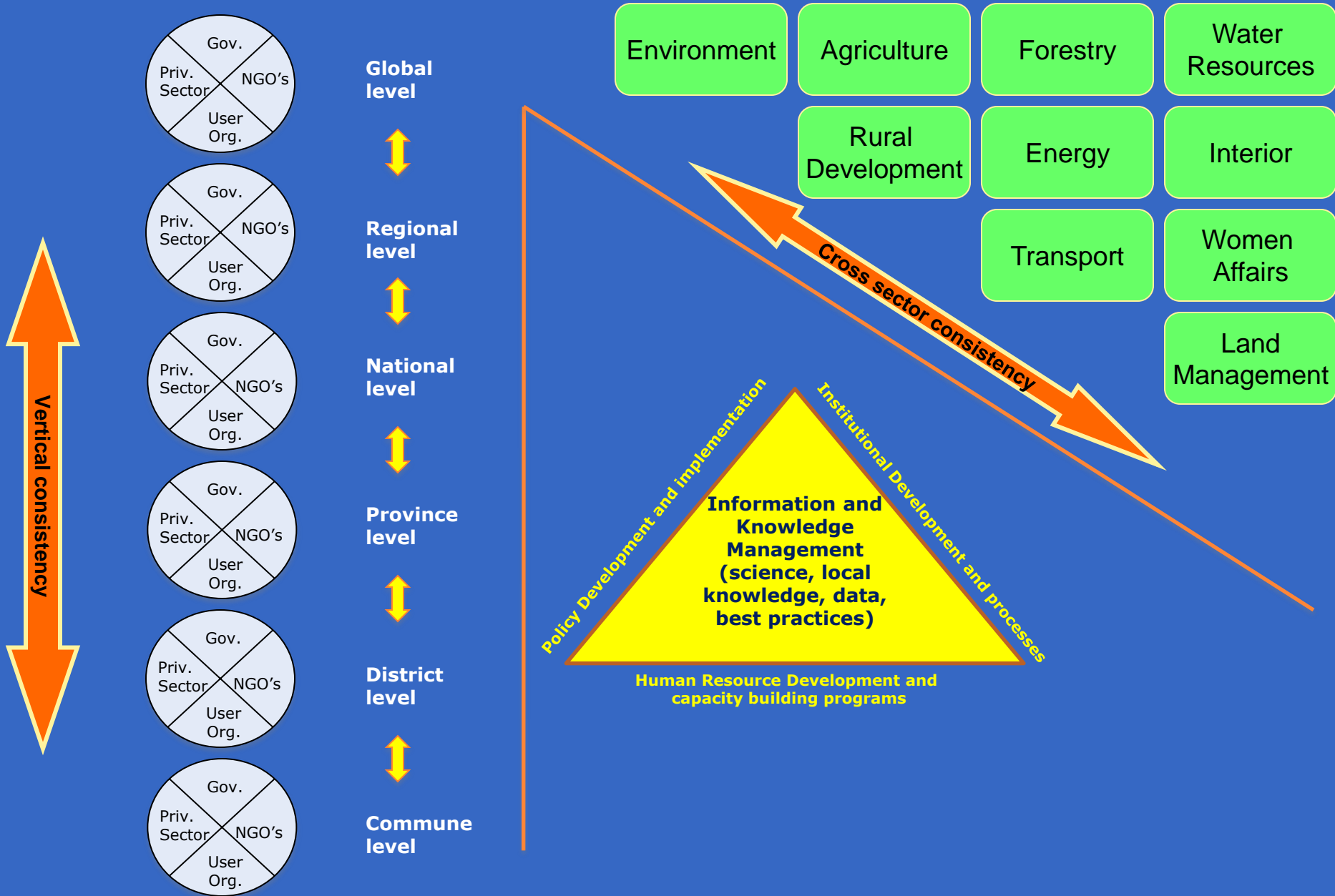
District level



Commune level



# Knowledge Management – levels, sectors and organizations of concern



# Knowledge needs assessment

## Capacity development needs assessment

## Ministry of Environment

- National level:
- Strategies
  - Policy making
  - Budget planning
  - Response to strategy and policy

- Provincial level:
- Regulations
  - Operational guidelines
  - Budget planning
  - Monitoring

- District level:
- Plan of operations
  - Implementation

Data, Information and Knowledge needs assessment

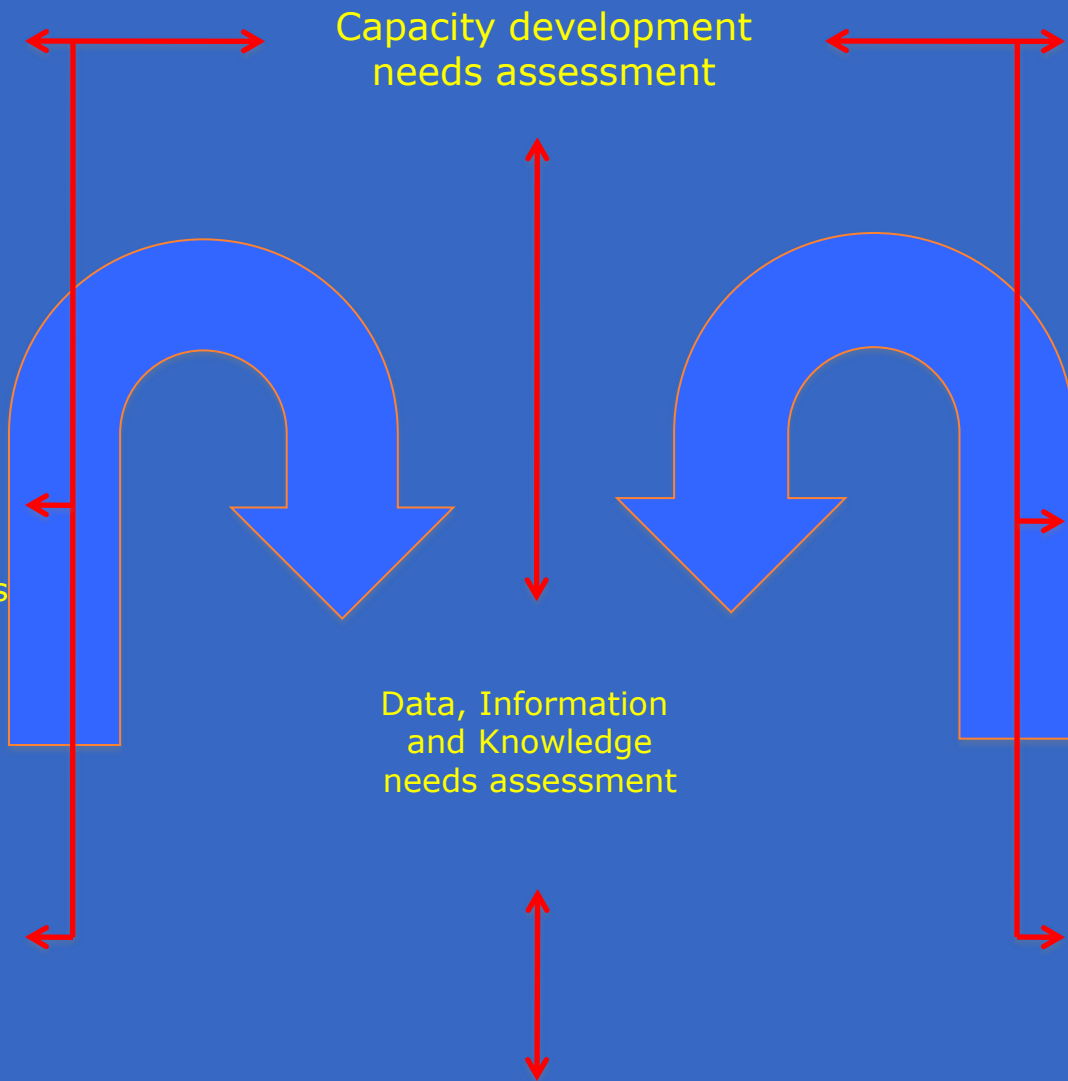
Research

## Ministry of Forestry

- National level:
- Strategies
  - Policy making
  - Budget planning
  - Response to strategy and policy

- Provincial level:
- Regulations
  - Operational guidelines
  - Budget planning
  - Monitoring

- District level:
- Plan of operations
  - Implementation



# Knowledge must be targeted to the right audiences

## Ministry of Forestry

- National level:
- Strategies
  - Policy making
  - Budget planning
  - Response to strategy and policy

- Provincial level:
- Regulations
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- District level:
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## Ministry of Environment

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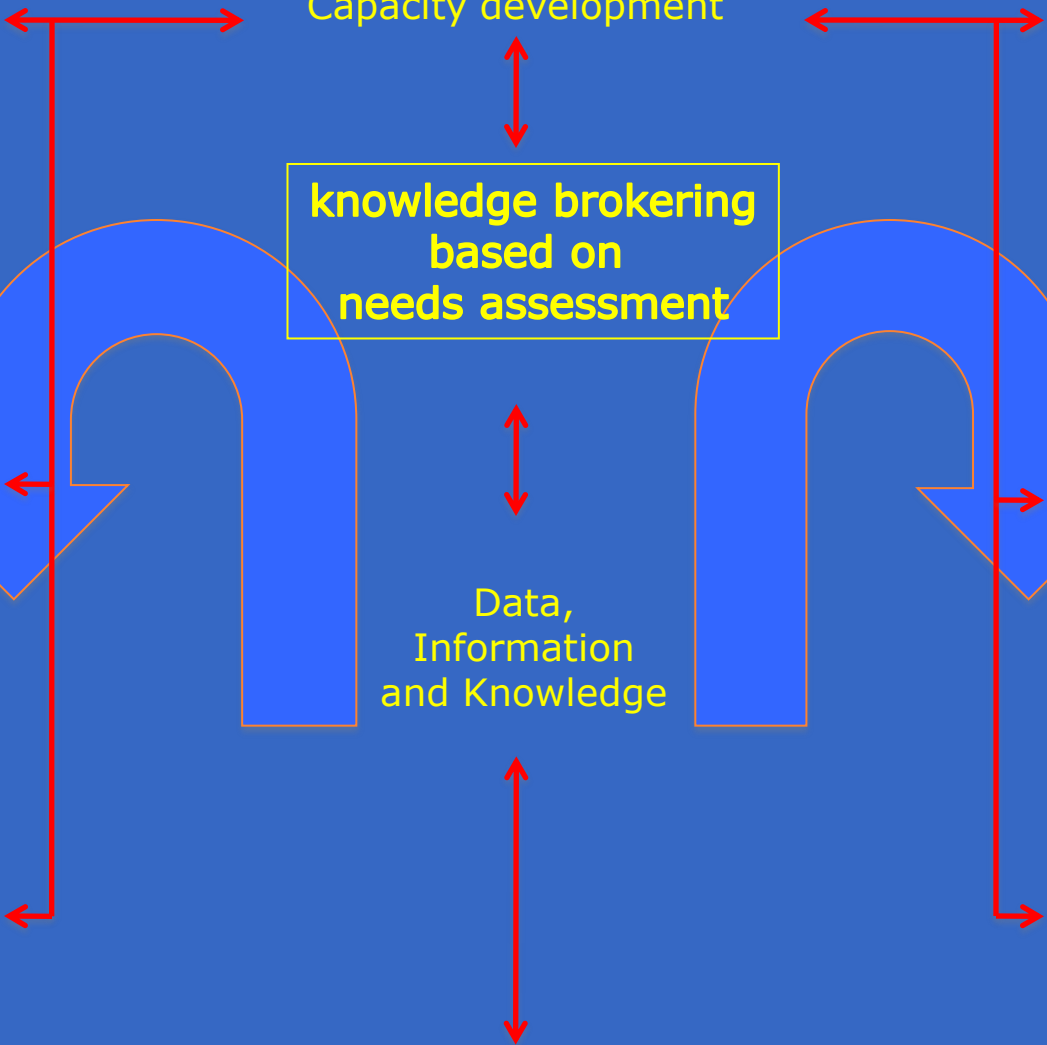
- District level:
- Plan of operations
  - Implementation

Capacity development

knowledge brokering based on needs assessment

Data, Information and Knowledge

Research



## What is a knowledge broker

A **Knowledge broker** is an organization or a person, that aims to develop relationships and networks with, among, and between producers and users of knowledge by providing linkages, knowledge sources, and in some cases knowledge itself, to organisations in its network (Wikipedia)

While the exact role and function of knowledge brokers are conceptualized and operationalized differently in various sectors and settings, a **key feature** appears to be the facilitation of knowledge exchange or sharing between and among various stakeholders, including researchers, practitioners, and policy makers.

## A successful knowledge broker will possess:

- Expertise in synthesizing and adapting information for use in different local contexts
- A non-judgemental, respectful manner
- Excellent written and oral communication skills
- Strong interpersonal and networking skills
- An understanding of the context, processes, and key influencers of both the producers and users of knowledge
- Critical thinking skills
- Critical reflection abilities and practices
- Strategic planning skills and experiences
- An understanding of adult education principles and practises

How to proceed with “new and or additional” knowledge:

Provision of knowledge by scientific reports and publications

Provision of knowledge packages based on capacity needs assessments.



Who needs to know what,  
when and why



How to proceed with “new and or additional” knowledge:

Provision of knowledge by scientific reports and publications



**to be packaged in user-friendly products**

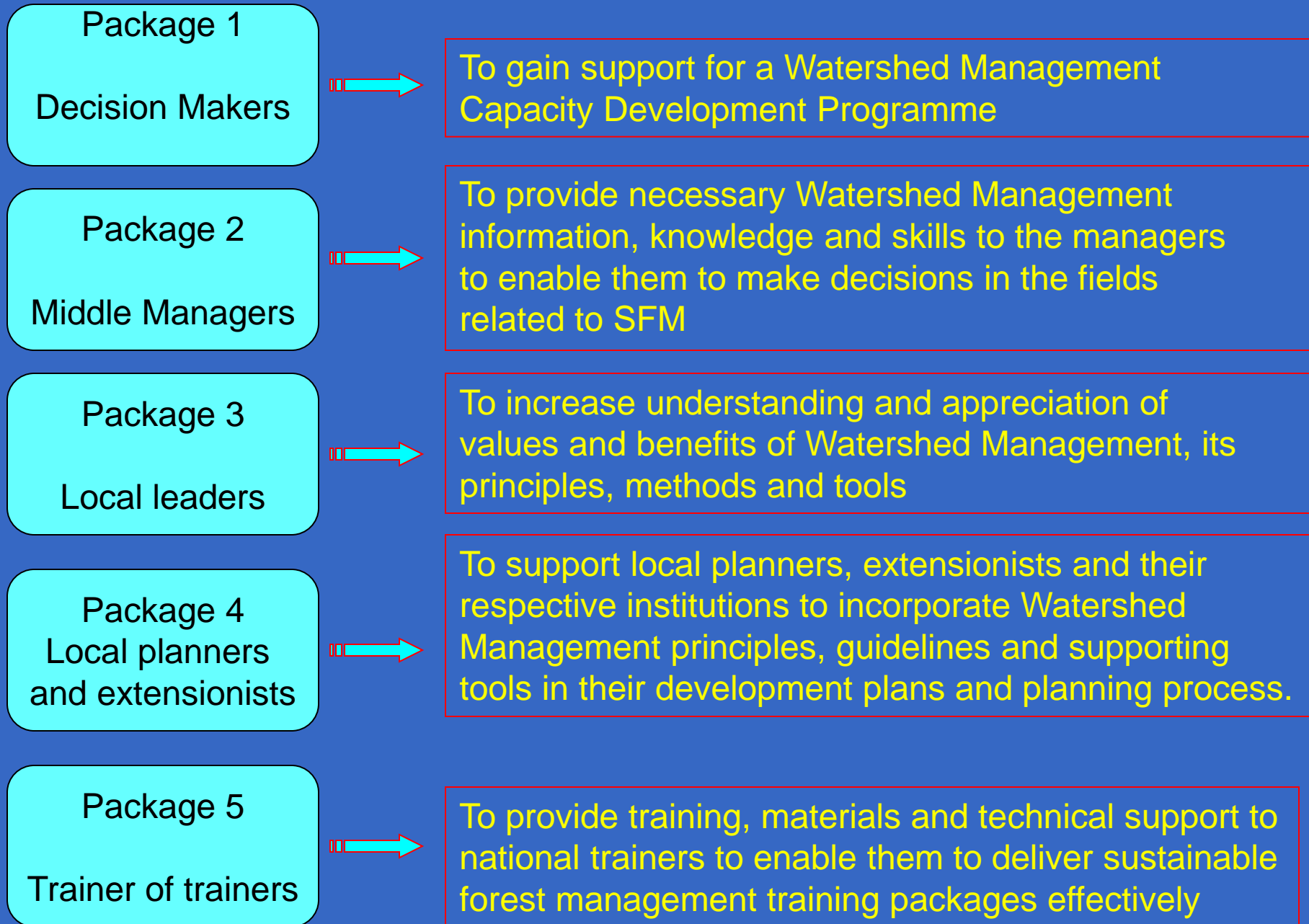


Provision of knowledge packages based on capacity needs assessments.



Who needs to know what,  
when and why

## Sustainable Forest Management Capacity Building Program:



Absorption capacity

Policy development  
Institutional Development  
Human Resources Development



Change Management  
(sensitive issues, resistance,  
conflicts etc)



- Support from the top level (drivers of change)
- Search for win-win situations



How much

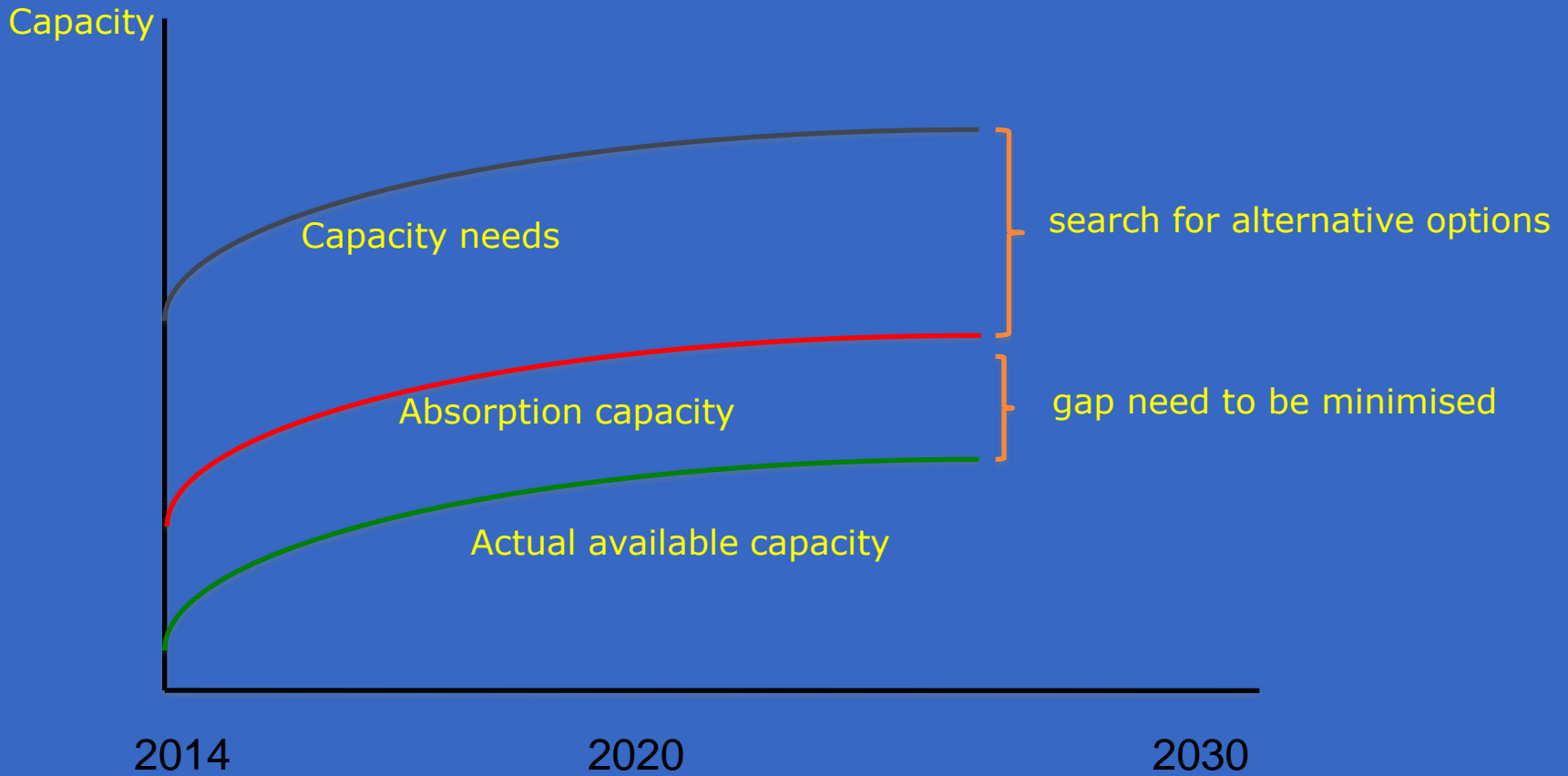
Policy development  
Institutional development  
Human resources development

is possible over time

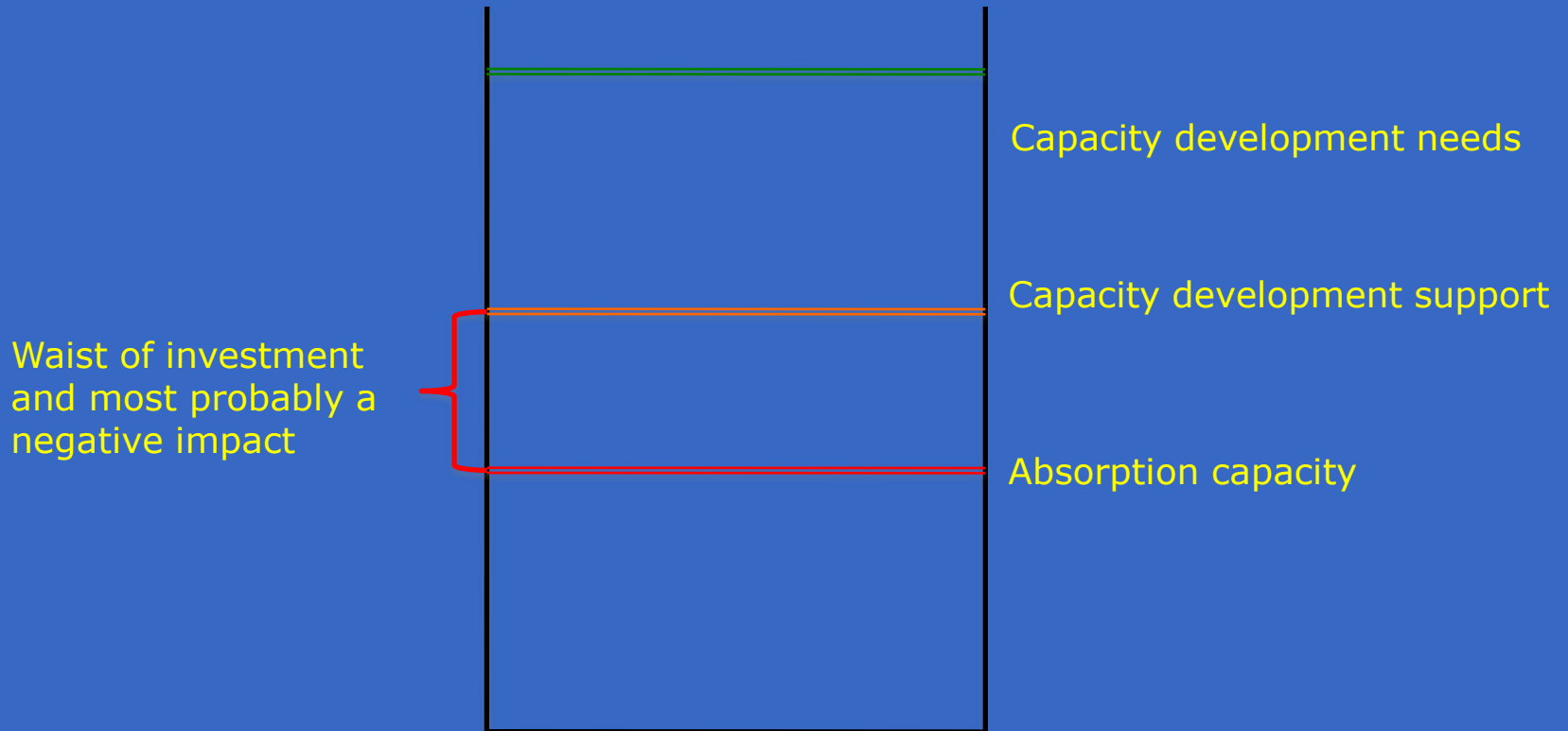


Absorption capacity

# Long term capacity development strategic challenges

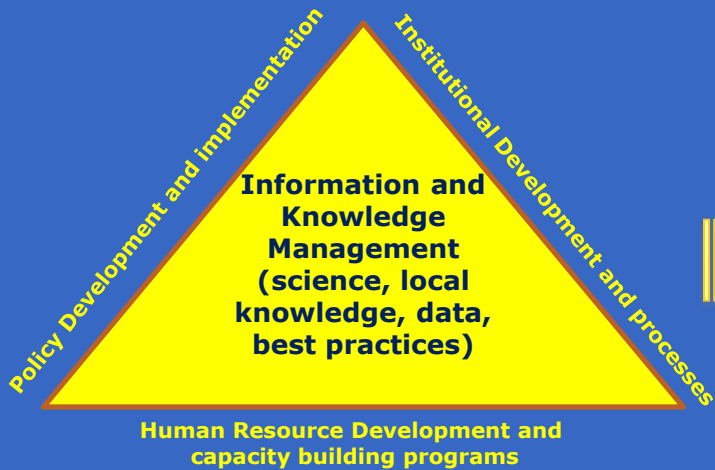


## Capacity development challenges



# Forest sector capacity development process

Absorption capacity



Development process

**Sustainable  
Natural  
Resources  
Management**

Knowledge brokering

**Thank you**