

WECAN Conference
Evaluate Nature
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**Environmental Services, Public Policies
and Employment**

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0. Introduction

Urban world

Scarcity of environmental goods and services

→ Choice between different uses (and no-uses)

Environmental services: three perspectives from an economic point of view :

1. Externalities
2. Public utilities
3. Local economic development

1. Externalities

Definition :

Direct interaction without compensation

No intentionnality

No institutional framework

Positive externalities: beautiful landscape

Negative externalities: water pollution

1. Externalities

Governance and policies

Market failures → environmental policies for internalization

Cost-advantage analysis

policy instruments :

- command and control,
- incentives,
- voluntary

1. Externalities

Link with job market:

greening of classical jobs (farmers,
foresters...)

Application of policy options → Jobs within
public sector and NGOs

2. Public utilities

Definition :

Public service, delivered by a public actor or
contracted with a private firm

national or local public utilities

ex. : water plant, Sewage sludges spreading

2. Public utilities

Governance and policies

Public expenditure

Devolution

deregulation

Public-Private partnership

Environmental services firms (water,
waste...

2. Public utilities

Link with job market

From central/federal government to local
public actors (counties, communes)

Public and Private jobs

Development of this economic sector,

3. Local economic development

Definition:

Development based on local resources

Environmental goods and services included
in these resources.

ex: green tourism, outdoor recreation
activities, nature activities (fishing...)

3. Local economic development

Governance and policies

Competitiveness and attractiveness policies,

Territorialized policies (ex: LEADER)

- networks (local/global)
- local resources
- several sectors (farming, forestry, tourism, local public action, outdoor recreation...)

Hybrid actors (ex: Natural/regional parks)

3. Local economic development

Link with job market

Direct jobs (« cleaning » of nature)

indirect jobs (tourism firms)

Potentialities of jobs depend on :

- concentration (cumulative effects)
- social capital (bonding/bridging)

4. Conclusion

Three dimensions of environmental services
are linked

Social and historic construction (Kaul, 2001)

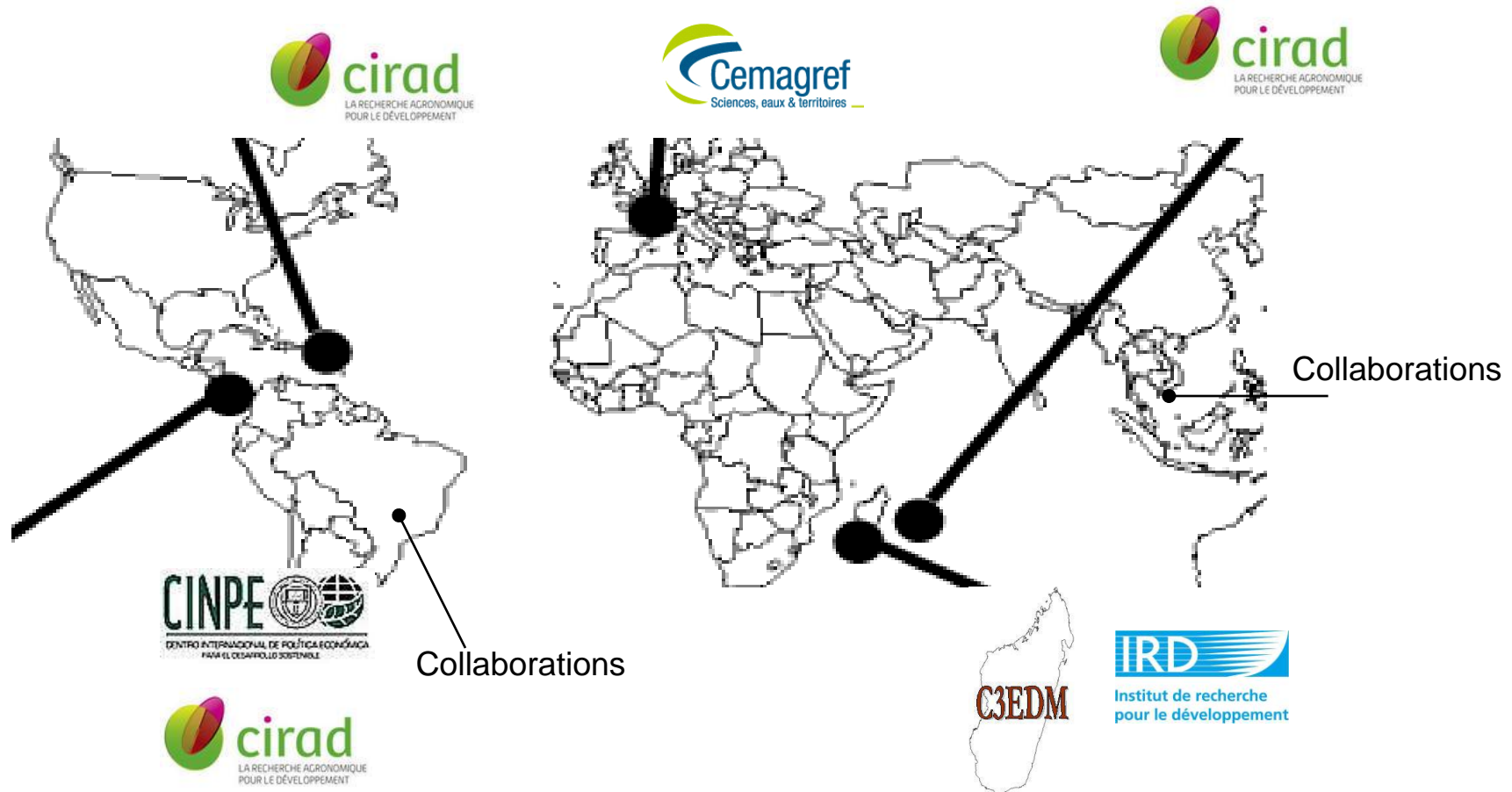
Different sectors are emerging

Effect on job market is very difficult to
measure/evaluate

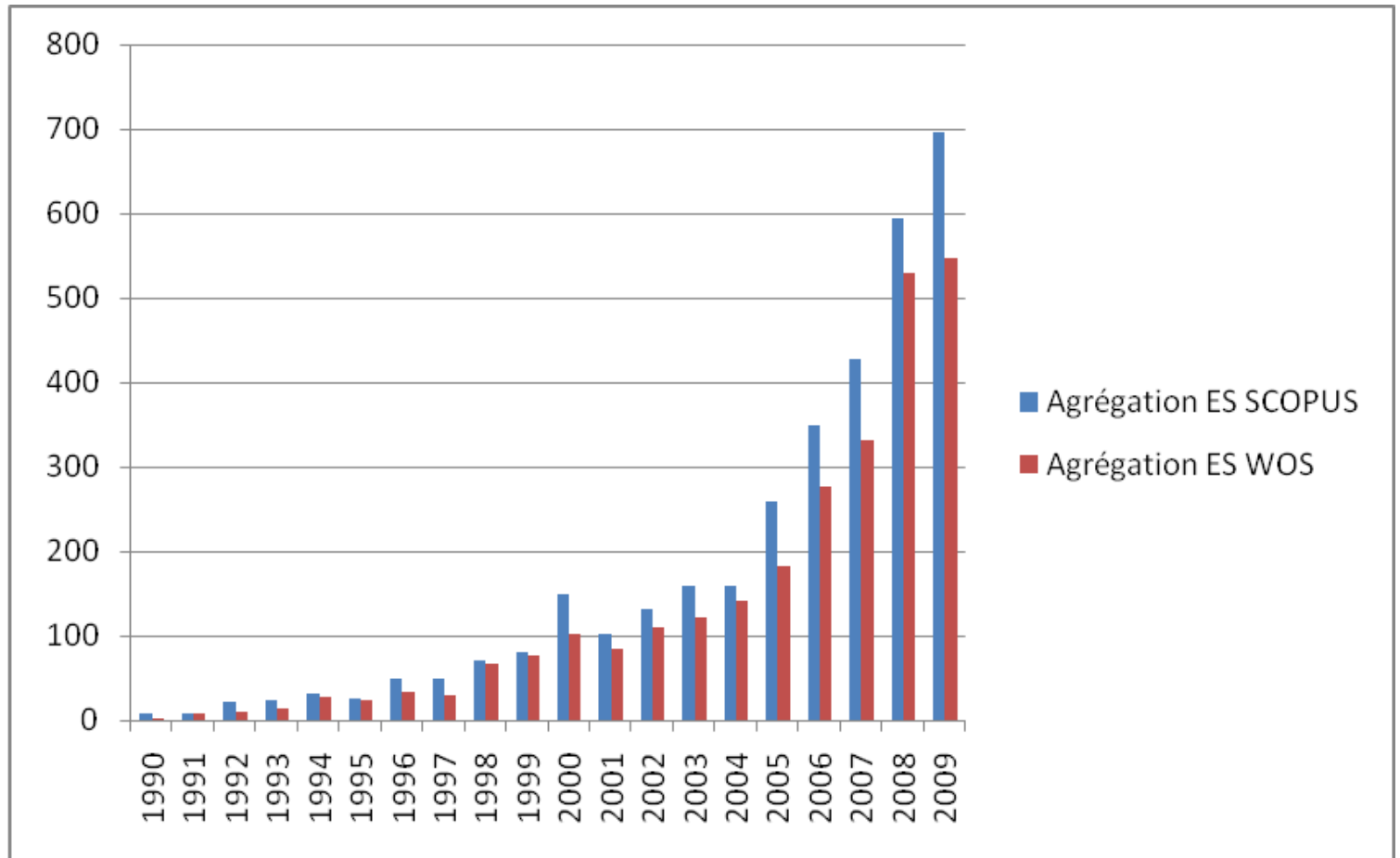
An important link with public policies:
Teaching policies

Thank you
for your attention

SERENA Program



ES : an accelerated interest



Serena, UMR Métafort février 2010