

5TH POLICY FORUM ON NATURAL CAPITAL ACCOUNTING



Government of the Netherlands

Natural Capital Accounting in Mexico: Valuating Nature for Better Policymaking

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Background and context

1991

INEGI

WORLD BANK AND UNSD

Publication of pilot study:
Environmental accounts
and derived macroeconomic
aggregates in Mexico,
including Green GDP

1996

INEGI

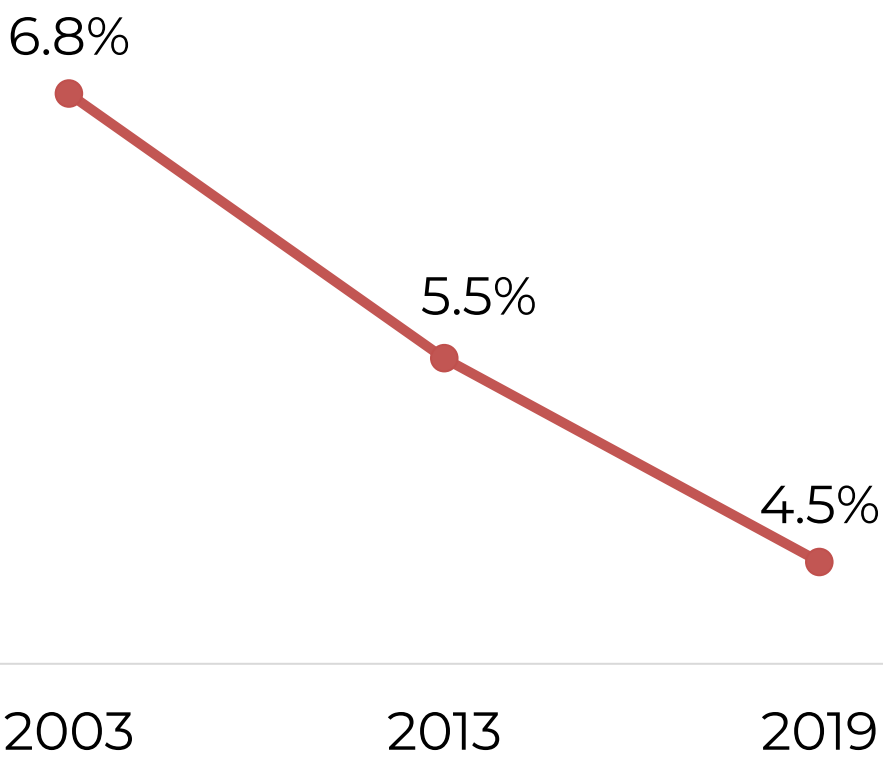
System of
Environmental-Economic
Accounts (SEEA-MX)

SEEA-MX

SATELLITE ACCOUNTS

- Forest resources
- Ground water
- Soil degradation
- Solid waste
- Air & water pollution

**TOTAL COSTS OF DEPLETION
AND ENVIRONMENTAL
DEGRADATION, AS % OF GDP**



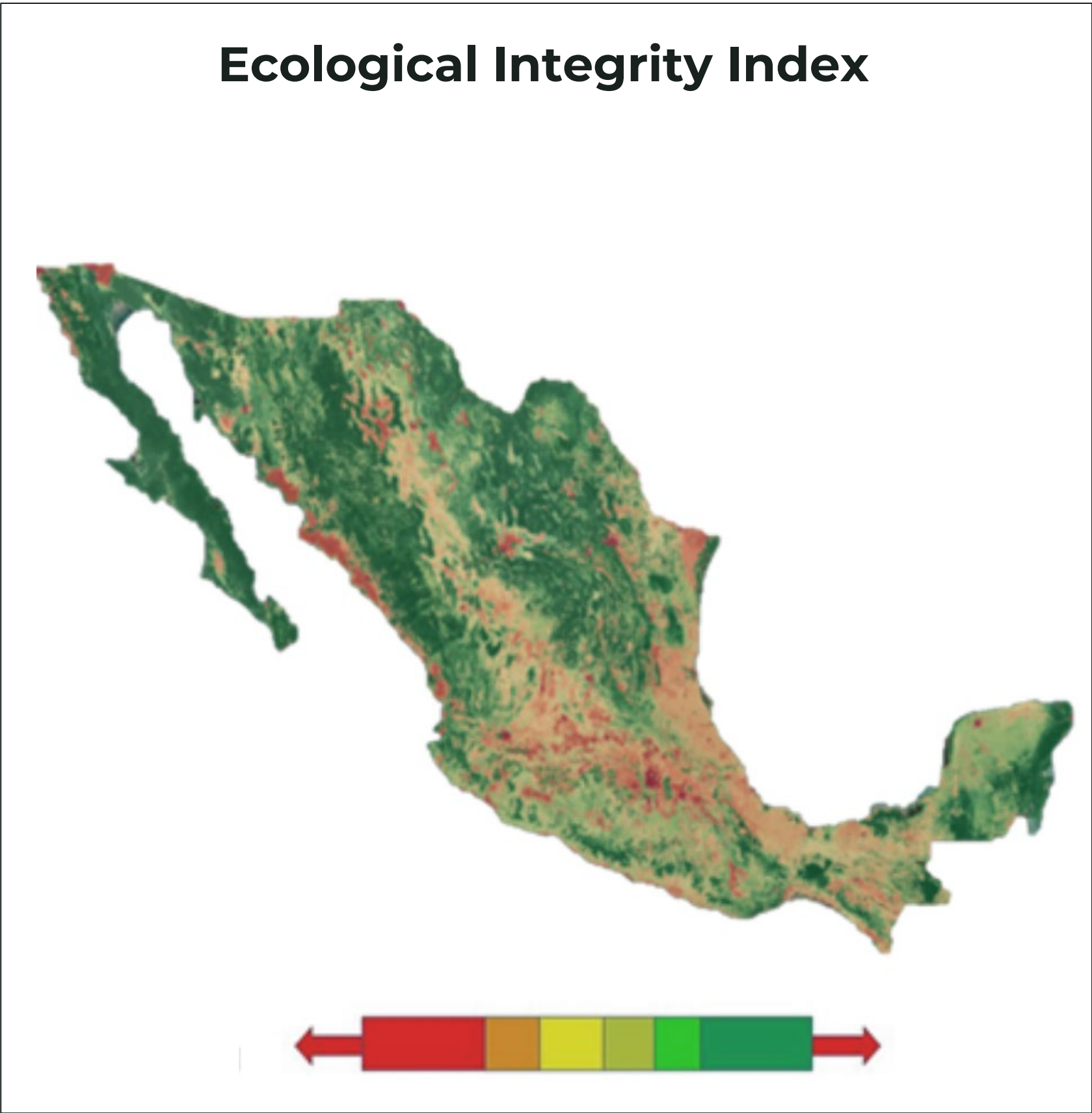
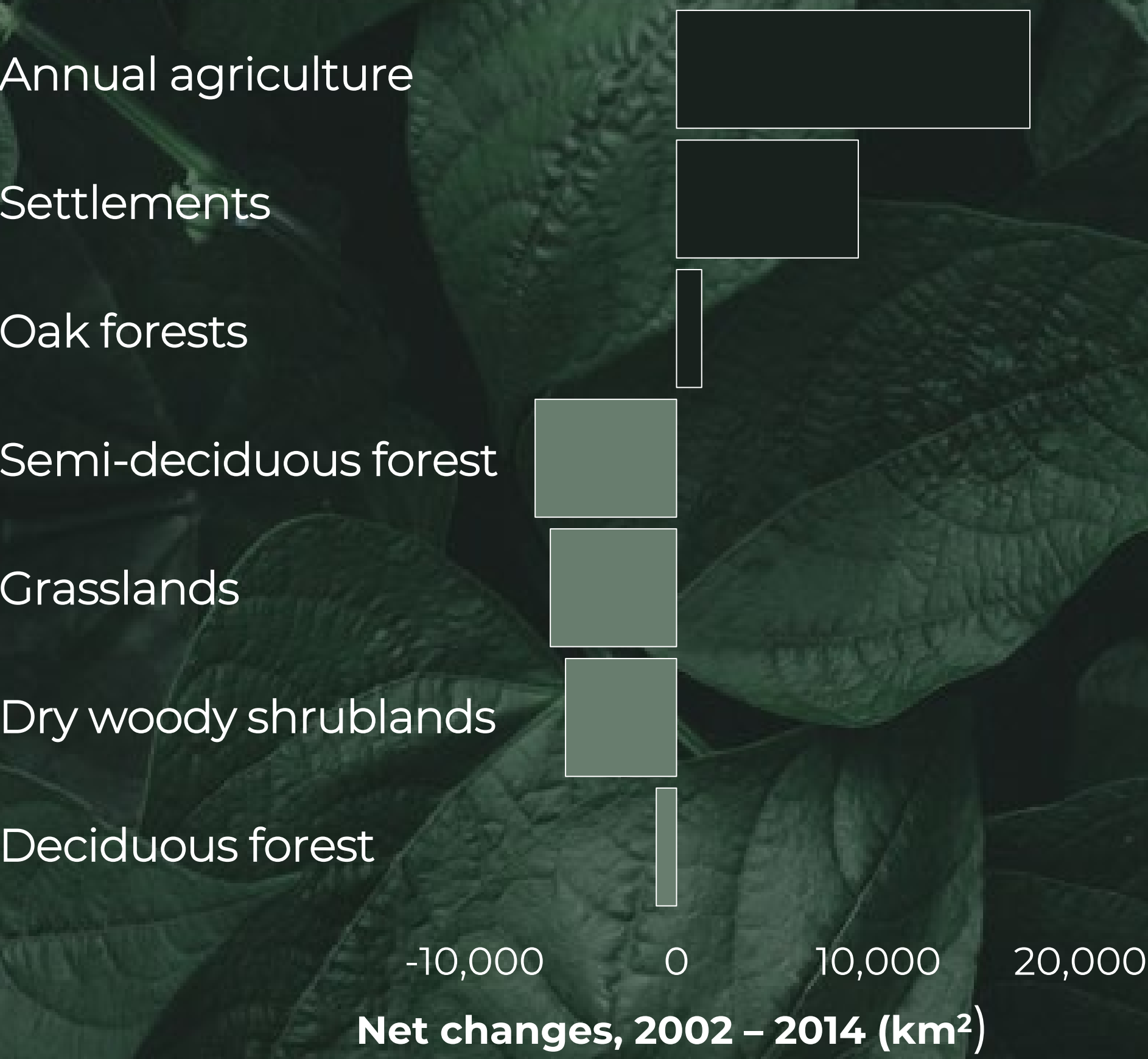
NCAVES

**NATURAL CAPITAL ACCOUNTING
AND VALUATION
OF ECOSYSTEM SERVICES**

2017-2021

- Ecosystem accounting pilot project (SEEA-EA)
- Sponsored by the European Union, with technical support from UNSD and UN-Environment
- Participants: Brazil, China, India, Mexico and South Africa

NCAVES: Extension & condition accounts



NCAVES

VALUATION OF ECOSYSTEM SERVICES

Sustainable and nature tourism
0.22%

Pollination
0.20%

**Supply to
agricultural
production**
1.00%

**Carbon
sequestration**
0.15%

Water
0.05%

Carbon storage
1.49%

**3.11%
GDP**

NEXT STEPS FOR NCA

1. Further research and development

- Stronger links between physical & value accounts
- Non-monetary concepts and methodologies
- Geospatial dimension
- Additional accounts and services (e.g. biodiversity, coastal protection)

2. Implementation

- Institutionalization
- Involvement of academia and business
- Studies at local level
- Policy scenario analyses
- Links with other multilateral processes



United Nations
Convention to Combat
Desertification





IN CONCLUSION

- Mexico's NCAVES experience demonstrates that the biophysical and economic components of ecosystems, and the services they provide, can be compiled into an **ecosystem accounting framework**.
- **NCA matters**. Ecosystem accounts are essential in decoupling economic growth from environmental degradation.
- Evidence on the positive economic impacts of key decisions of sound environmental policies should guide **Green Recovery** efforts.

Thank you

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