Measuring environmental sustainability (chapter 4)
Main updates

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Recap:

Structure chapter 4 – environmental sustainability

4.1 Introduction

4.2 Measuring pressures and impacts on environment due to tourism
   • Greenhouse gases, solid waste, water resources, energy use, other flows

4.3 Measuring connections between tourism and ecosystems
   • Ecosystem extent, condition, services (based on SEEA ecosystem accounts)

4.4 Measuring activities of tourism industries aimed at improving environmental outcomes
   • Environmental transactions (production, expenditure, taxes), employment

4.5 Environmental dimension at sub-national level

Annex 4.1: General considerations measuring environmental dimension tourism
Main comments on and improvements to chp 4 concerned (1/3):

• Highlighting the general relevance of collecting basic data → done

• Highlighting links to policy themes including climate change and circular economy → done

• Concerning GHG emissions, clarifications requested on connection between the use of UNFCCC based data and SEEA based data (including the use of territory and residence based measures), to clarify the treatment of emissions related to visitors staying with friends and relatives, to better explain the links between transport activity and the proposed recording of GHG emissions for tourism, and to clarify the approach described to the measurement of indirect flows.
  → Introduced clarifications and explanations about the scope and reporting on GHG emissions, in particular highlighting the relevance of SEEA in providing industry based data consistent with the TSA but also noting the need for ongoing discussion to confirm proposals for a range of specific questions as noted above

• Request to extend the range of pollutants discussed in the SF-MST, in particular air pollutants
  → The coverage of substances listed under “Other environmental flows” has been extended to include additional pollutants
Main comments on and improvements to chp 4 concerned (2/3):

• Request to extend the range of pollutants discussed in the SF-MST, in particular air pollutants
  → The coverage of substances listed under “Other environmental flows” has been extended to include additional pollutants

• Considering further the use of terms “tourism share” and “tourism ratio” which appeared to be used in different ways through the chapter
  → Further discussion is required to clarify the appropriate use of the terms tourism share and tourism ratio and to determine the use of value added based shares

• Clarifying whether a tourism share based on value added can also be applied (in addition to the proposed use of output based shares)

• Suggestions to refine the description of the use of ecosystem accounting, including changing the description concerning monetary valuation and ecosystem services, and aligning the use of spatial areas with text in Chapter 2
  → Improvements to the material on accounting for ecosystem extent and ecosystem services

• Improving the discussion of green jobs
  → Refinements done
Main comments on and improvements to chp 4 concerned (3/3):

• Improving the discussion of recording environmental transactions to better align with the SEEA, in particular with regard to distinguishing between recording of EGSS and environmental protection expenditure
  → Clarifications to the discussion of environmental transactions done
  → Next version of SEEA will also revisit the recording of EGSS and env. protection expenditure

• Consider the effects of revisions to ISIC Rev 5 on the tourism characteristic industries
  → As the ISIC revision is ongoing, alignment with it will be secured as soon as possible but some issues may be included in the research agenda

• Clarifying the logic/flow of the annex in relation to the allocation of environmental flows to tourism and related entries
Thank you!

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