SAMOA: AN EXTENDED TSA PILOT EXERCISE

The pilot served to quantify the impact of tourism on the economy and how this translates into traditional TSA indicators, as well how it affects as electricity and water consumption.

Tourism is one of the main economic sectors in Samoa, representing a 12.5 per cent direct contribution to GDP and over 21 per cent of total employment. The sector also accounts for 11.5 per cent of the water resources used by the whole economy, and about 10 per cent of electricity.
POLICY AIMS/CONTEXT OF THE PILOT

What are the demands and pressures that tourism development processes impose upon limited natural resources, and how these pressures can be measured and managed in the interest of sustainability?

The aim of the pilot was to provide National Planners, Tourism Industry Regulators and Actors robust responses to the following policy questions namely:

- What is the contribution of the Tourism Industry to the Economy?
- What are the current resource requirements for the Tourism industry? and
- What is the optimum sustainable level of tourism given potential available natural and man-built resources?

PILOT FOCUSED ON:

<table>
<thead>
<tr>
<th>Economic dimension</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social dimension, incl. culture &amp; institutions</td>
<td>Subnational region</td>
</tr>
<tr>
<td>Environmental dimension</td>
<td>Municipality or location</td>
</tr>
</tbody>
</table>
KEY DATA GENERATED

DIRECT TOURISM IMPACT 2016/2017 FY ON RESOURCES

<table>
<thead>
<tr>
<th>Resources Utilization</th>
<th>Key Indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Value of Water (SAT Million)</td>
<td>$ 18.52</td>
</tr>
<tr>
<td>Value of Water Used by Tourism Industry (SAT Million)</td>
<td>$ 2.13</td>
</tr>
<tr>
<td>Percentage of Water Costs Used by Tourism</td>
<td>18.52 %</td>
</tr>
<tr>
<td>Total Electricity Sales in 2018 (MWh)</td>
<td>138,423.5</td>
</tr>
<tr>
<td>Total Electricity Sales to Tourism Industry in 2018 (MWh)</td>
<td>13,921.4</td>
</tr>
<tr>
<td>Percentage of Electricity Sales in Tourism in 2018</td>
<td>10.1 %</td>
</tr>
</tbody>
</table>
**KEY FINDINGS**

The Main findings are as follow:

- Direct Tourism Contribution to GDP was 12.5 per cent.
- However, 21.5 per cent of employment was directly related to the Tourism Industry.
- Income from tourism is the second largest Foreign Exchange Earner after remittances.
- Tourism uses 11.5 per cent of water resources.
- Tourism accounts for 10 per cent of electricity consumption.

**POLICY ACTION**

The Pilot Tourism Satellite Accounts served 2 main purposes.

1. Presented tentative results for policymakers on Tourism Industry Economic Contribution and Resource Utilization.
   (i) Refined and updated.
   (ii) Expanded to include other key accounts such as Waste Accounts and 
   (iii) Using the same methodology to focus on spatial planning especially for areas with high tourism density.

2. Outlined detailed methodology using the System of Environment-Economic Accounting (SEEA) Framework on how the TSA results could be:

**ORGANIZATION**

Year(s) the pilot study was carried out in: 2018 for Economic Contribution and in 2016/2017 for Resource Utilization.

Lead institution(s): ESCAP,

Other institution(s) involved: The Samoa Ministry of Natural Resources and Environment and Samoa Tourism Authority.

Focal point: WizConsult