



## A summary of SF-MST

UNWTO Committee on  
Statistics and TSA

Madrid, 27 & 28 February  
2018

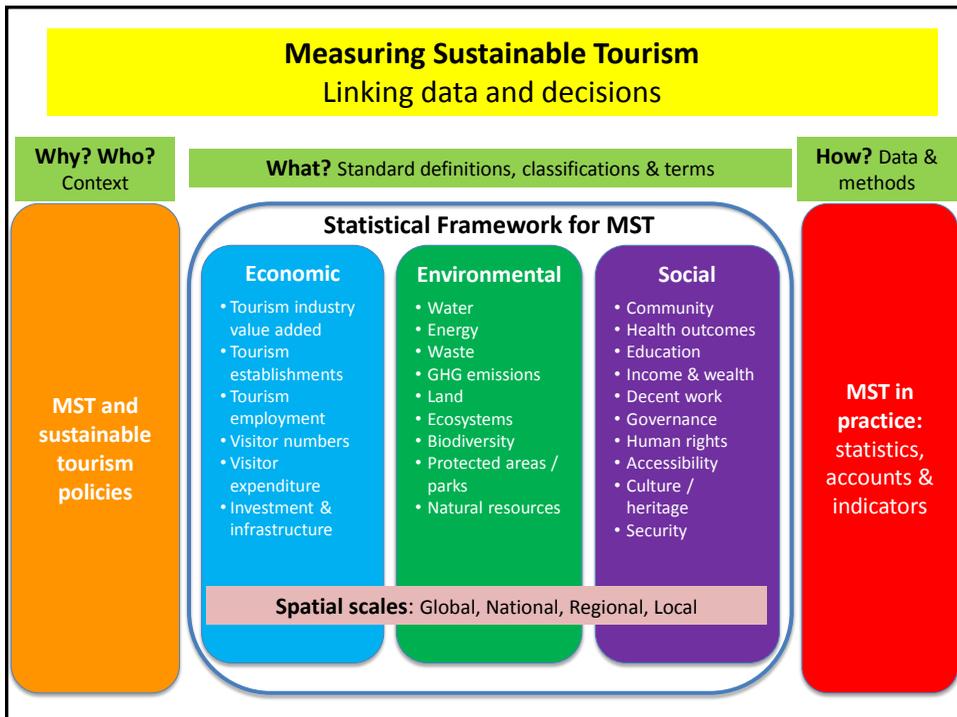
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## Role of SF-MST

- Respond to the significant demand for robust measures of sustainable tourism and strong support for the design of a statistical framework
- Integrate economic, environmental and social information to support holistic assessments
- “Umbrella” for many existing statistical domains
- Provide the concepts and definitions for the measurement of sustainable tourism – the WHAT
  - The WHY and WHO is provided in policy documents
  - The HOW, WHERE and WHEN is provided in compilation and implementation materials





## Proposed structure and coverage

- Introduction (Chap 1)
  - What is sustainable tourism?
  - The nature and benefits of a statistical approach
  - Overview of the SF-MST
  - Principles of implementation and application (e.g. SDG indicators)
- Measuring the economic, environmental and social dimensions (Chap 2, 3 & 4)
- Defining spatial areas (Chap 5)
- Classifications, glossary, references



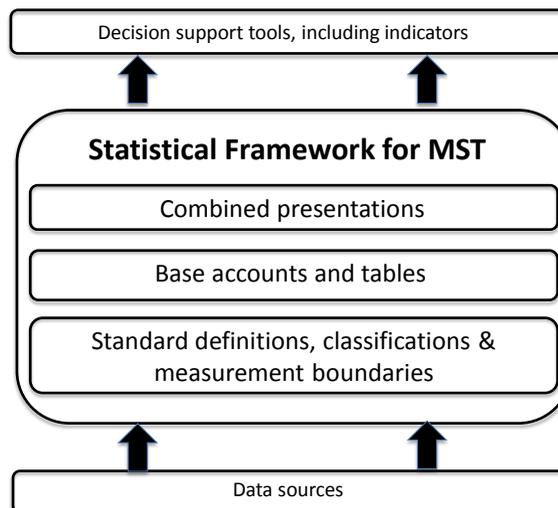
## Nature of an accounting based approach

- SF-MST builds on existing measurement frameworks of TSA, SNA and the SEEA which are all accounting based
- Extends to cover the scope imagined in wealth accounting with multiple capital – produced, natural, human, social
- Uses accounting as a platform for organising data, especially distinguishing stocks and flows and hence consistently framing a discussion of sustainability, capacity & resilience
- SF-MST does not aim to define a “triple bottom line” or make assumptions on the nature of sustainability

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## Elements of the SF-MST



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## Proposed base accounts & tables

Dimension	Base accounts	Base tables
<b>Economic</b>	Tourism activity SUT	Visitor movements
	Tourism infrastructure asset account	Tourism expenditure
		Employment in tourism
		Demographics of tourism establishments
<b>Environmental</b>	Water SUT	
	Energy SUT	
	GHG emissions SUT	
	Solid waste SUT	
	Land use asset account	
	Land cover asset account	
	Ecosystem condition account	
	Ecosystem services SUT	
<b>Social</b>		Social and community indicators (e.g. crime, health, congestion, perceptions of tourism)
		Visitor perception indicators
		Tourism governance indicators

## Measuring Sustainable Tourism

### Linking data and decisions

#### Statistical Framework for MST – Core tables

##### Economic

ECO1. Value added by tourism industries

ECO2. Employment by tourism industries

ECO3. Tourism establishments by tourism industry by tourism region

ECO4. Visitor numbers by tourism region

ECO5. Visitor expenditure by product by tourism region

##### Environmental

ENV1. Water use by tourism industries

ENV2. Energy use by tourism industries

ENV3. GHG emissions by tourism industries

ENV4. Solid waste from tourism industries

ENV5. Land cover type by tourism region

##### Social

SOC1. Community capacity by tourism region

SOC2. Income distribution by tourism region

SOC3. Decent work measures by tourism industries

SOC4. Cultural heritage by tourism region

SOC5. Visitor perceptions by tourism region

## Integrating spatial areas

- SF-MST recognises that supporting decision making on sustainable tourism must go beyond only national level data
- Underlying concepts are scale independent: question of relevance and feasibility as to scale of measurement in practice
- Not all concepts need to be measured at every spatial scale
- Proposed hierarchy of spatial areas
  - Global
  - Supra-national
  - National
  - Regional
  - Municipal / City-region
  - Local

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## Next steps

- Current version is an initial draft – broad feedback on style, structure and approach is required
- More research needed on
  - Social dimension
  - Employment and labour
  - Consumption perspective
  - Spatial areas
- In parallel, need to advance
  - Implementation and compilation support
  - Discussion of sustainable tourism indicators

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## Thank you!

Looking forward to your ideas,  
suggestions and inputs!

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Measuring  
Sustainable  
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