









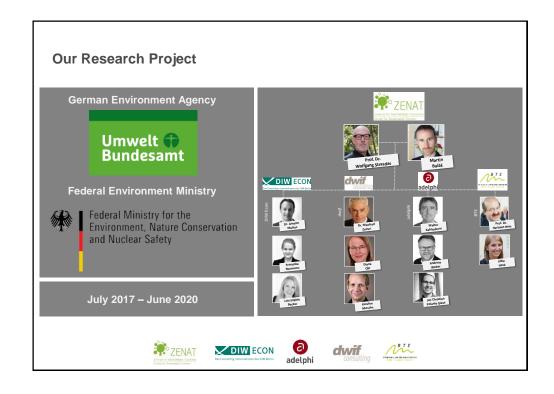


# DEVELOPMENT OF AN INDICATOR-SYSTEM FOR MEASURING THE SUSTAINABILITY OF TOURISM IN GERMANY

2<sup>nd</sup> Meeting of the Working Group of Experts on Measuring the Sustainability of Tourism | 25 October 2018 | Madrid

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### Objectives of the project

- Is it possible to estimate the share of sustainable tourism compared to all tourism in Germany (in terms of value added)?
- How "sustainable" is the tourism industry in Germany overall?
- How can this be measured? → Development of a national databased indicator system.
- What are the conclusions? → Evolving sustainable tourism in Germany.

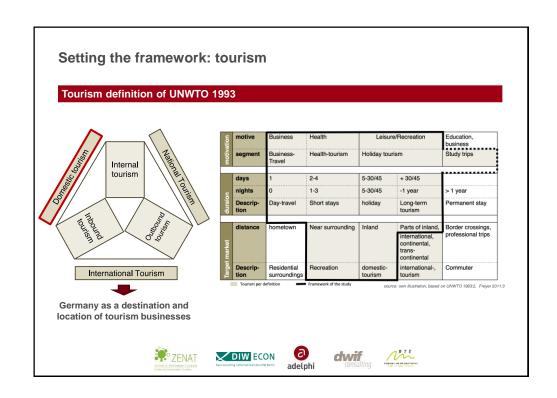


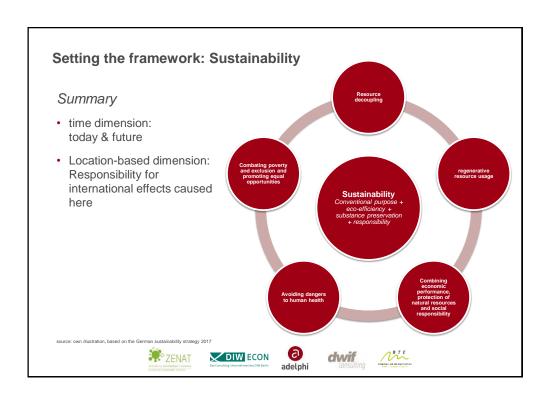














#### Binary distinction between Sustainable ⇔ Non-Sustainable Tourism Challenges & Impossibilities Sustainability benchmarks & exlusion criteria mostly have an arbitrary character; no clear proof avaliable No existing reference data for trends or comparisons to other industries Definition is not yet sufficient -Sustainability itself would need to be expressed as a composite indicator or index framework in addition to → opposing sub-indicators possible; weighting not RMF:TSA necessary defined Certification systems: no standardised assessments; mostly only elements of sustainability; partly questionable quality; does not represent overall tourism industry; data not publicly available → Consequences:

1. Value-based concept, high subjectivity (Sustainability = Process of discussions &

DIW ECON

Individual decision at corporate level / local destination level→ high effort of data

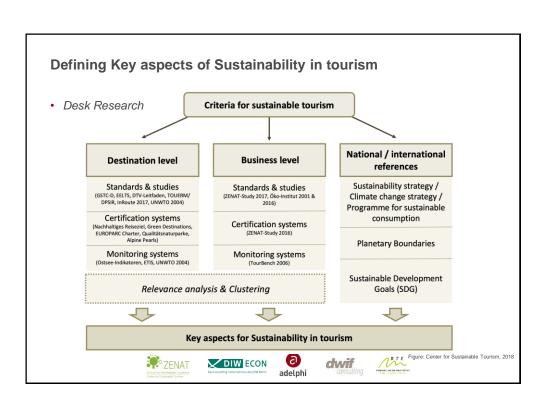
adelphi

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negotiations)

collection necessary

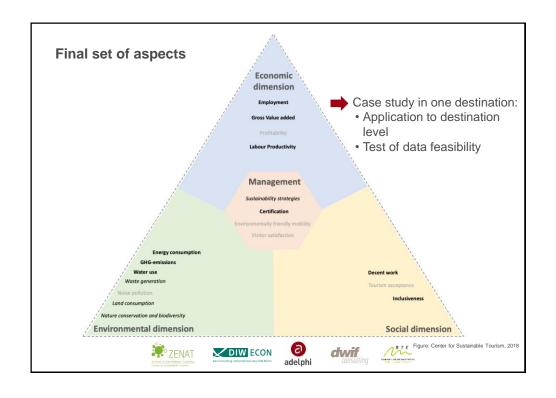
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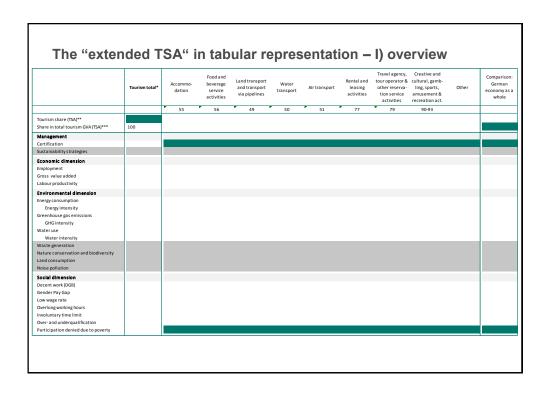


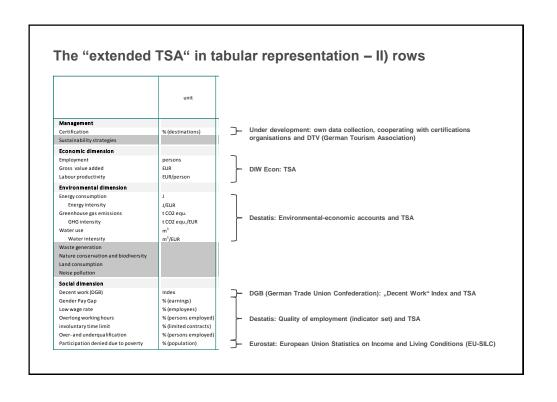


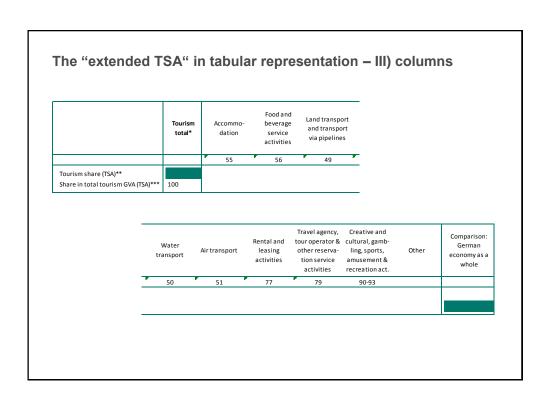


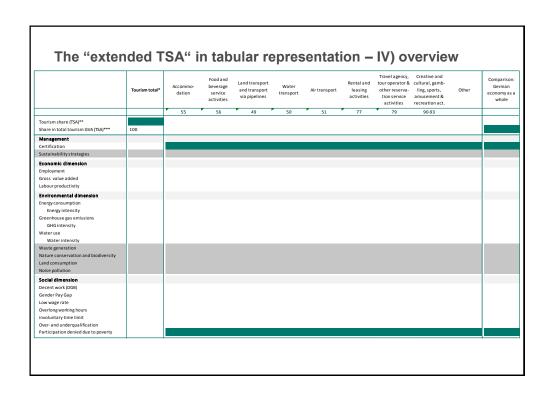
#### Defining Key aspects of Sustainability in tourism · Framing of the account Conceptually feasible **Currently conceptually** Es sind alle touristischen Teilbranchen nach WZ 2008 verfügbar with limitations feasible Daten sind in den VGR verfügbar Sustainability Certification Employment strategies Environmentally Gross value added Vorläufige Ergebnisse nach Wirtschaftsbereichen sind mit etwa einem halben Jahr Verzögerung verfügbar. Aktuelle Quoten, die sich auf den tatsächlichen Anteil der touristischen Nachfrage beziehen, sind unregelmäßig und mit etwa 2 Jahren Verzögerung verfügbar. Waste friendly mobility Profits generation Guest satisfaction Labour Productivity Land verfügbar. För die Berechnung der Ergebnisse der VGR werden alle geeigneten Isufernden wirtschaftsstatistischem Erhebungen erwerendet, die zum jeweiligen Veröffentlichungs- bzw. werwendet, die zum jeweiligen Veröffentlichungs- bzw. Dateropuellen wie administrative Daten (jum Beseigel Finnar- und Steuerstästistisch "Daten der Bundesagentur für Arbeit), Geschaftsstatistisch und Jahresabschlüsse großer Unternehmen (zum Beseigel Lufthama, Tecken, Kredinististute), Hausahaltsbefragungen (Einkommens- und Verbrauchsstüteprobe und Verbrauchsstüten und Verbrauchsstüteprobe und Verbrauchsstüteprobe und Verbrauchsstüteprobe und Verbrauchsstäten und Verbrauchsstüten und Verb consumption Land consumption GHG-emissions Nature (tourism density) conservation and Decent work Decent work (DGB (indicators by biodiversity Index) statistical office) Noise pollution Inclusiveness Inclusiveness Tourism (Tourism for All) (participation denied acceptance due to poverty) Einordnung der absoluten Werte über Zeitreihen











## Links to existing national targets & benchmarks

Subject area of the account	Goals of the German Sustainable Development Strategy (aligned with SDGs)
Certification: Proportion of destinations with sustainability	12.1.a Market share of goods certified by independently verified sustainability
performance certification	labelling schemes
Sustainability strategies	12.2. EMAS eco-management
Employment: Persons employed	8.5.a/b Employment rate
Value added: Gross value added	8.4. GDP per capita
Productivity: Gross value added per person employed	
Energy consumption: Use of energy and energy intensity	7.1.a/b Final energy productivity and primary energy consumption,
	11.2.a/b Final energy consumption in freight transport and passenger
	transport
Greenhouse gas emissions: Greenhouse gas emissions and	13.1.a Greenhouse gas emissions
greenhouse gas emission intensity	
Nature and species conservation, biodiversity	15.1. Species diversity and landscape quality
Land consumption	11.1.a Built-up area and transport infrastructure expansion
Decent work: Gender Pay Gap	5.1.a Gender pay gap: Difference between average gross hourly earnings of
	women and men
Decent work: Niedriglohnquote	10.2. Gini coefficient of income distribution
Inklusiveness: Anteil der deutschen Bevölkerung, die aus	1.1.a/b Material deprivation: Materially deprived and severely materially deprived persons
finanziellen Gründen keinen Urlaub von mindestens einer	
Woche außerhalb des Heimatortes verbringen können	