PANEL 2:

CIRCULARITY IN TOURISM VALUE CHAINS: SUPPORTING THE PARIS AGREEMENT THROUGH A LOW CARBON TRANSITION

Tourism and the Paris agreement: what solutions for the transport sector?

Tourism and the Paris agreement

What solutions for the transport sector?

Vincent Benezech

International Symposium – 10YFP

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Global CO₂ emissions from fuel burn, 2015

Total: 32 billion tonnes

Tourism
>5%

Domestic Transport
20%

Int’l aviation
1.5%

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- Carbon budget to stay within the Paris agreement
  - 4-6 billion tonnes in 2050
- Baseline projections show tourism alone could use up the carbon budget

Three pillars to decrease transport emissions from tourism

- Avoid unnecessary kilometres
- Shift to low-carbon modes
- Improve the CO$_2$ intensity of transport
The case of aviation

- Strong expected growth
  - Passenger numbers likely to double between now and 2030

- Numbers currently do not add up
  - Return trip to Botswana: approx. 1.5 tonnes of CO₂
  - Max emissions per capita in France in 2050: less than 2 tonnes per year
Strong inequalities make changes difficult to happen

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<th>OECD countries</th>
<th>Non-OECD countries</th>
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<td>Emissions per year per capita (tonnes)</td>
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<td>Average</td>
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<td>International aviation</td>
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<tr>
<td>Domestic transport</td>
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Note: The values are approximate and may vary by country and year.
Conclusions

• No easy way to decrease emissions from air transport -> Need to ensure that
  – Emissions are “well-spent”, by considering the overall trip
  – Emission reduction measures do not against reductions of inequality

• At the destination, many solutions exist
  – Aim for zero transport emissions
  – Collect the various co-benefits of sustainable transport
Thank you for your attention

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