


Climate Change and Sustainable Development of Tourism in Coastal Zones and Mountain Regions

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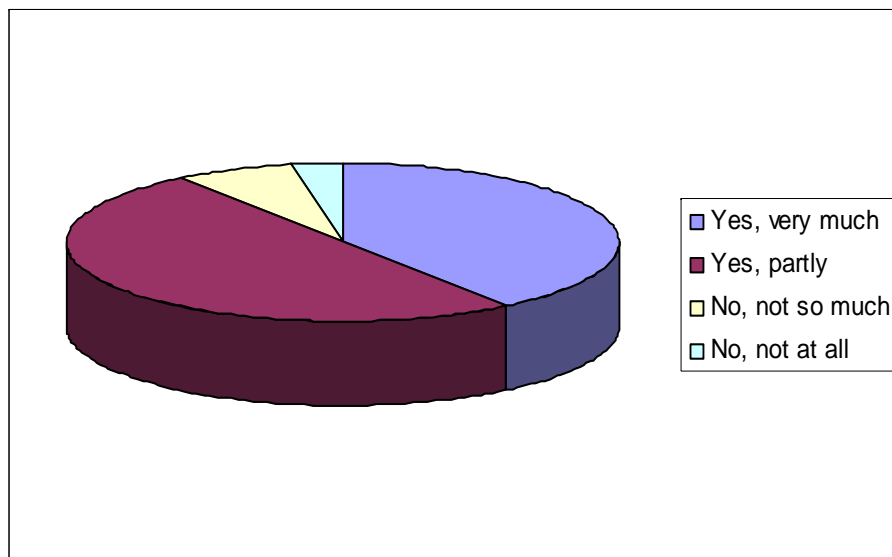


Outline

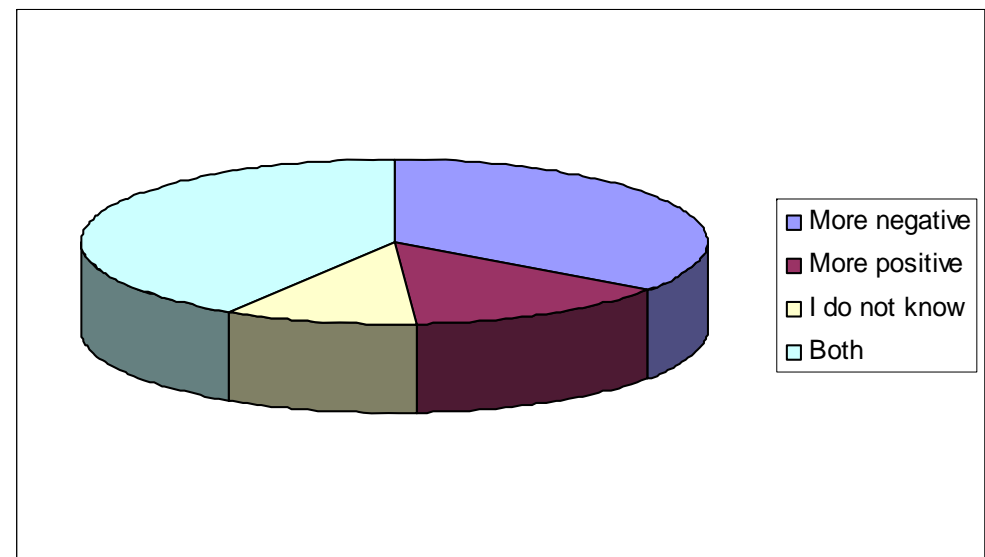
1. Introduction
2. State of Research
3. Structure of the Project KUNTIKUM
4. Further Work

1. The challenge „climate change“ in the tourism sector is known

Do you believe tourism will be affected by climate change?



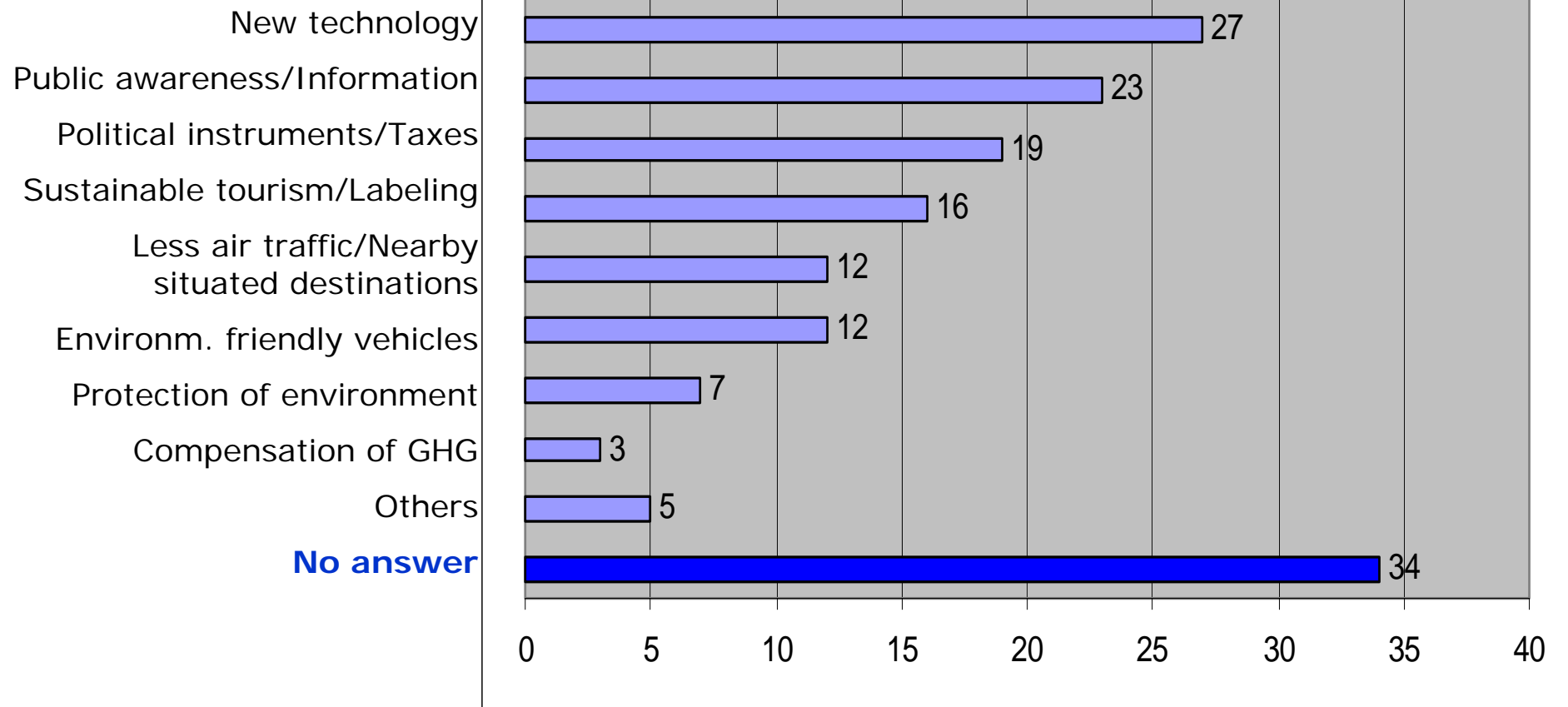
If yes, do you expect rather negative or positive effects in your sector or country?



Climate Change and Tourism, Answers from participants at the ITB Berlin 2007

Source: D. Lund-Durlacher, W. Strasdas und E. Seltmann

1. But what to do about it is mainly unknown.



Climate Change and Tourism, Answers from participants at the ITB Berlin 2007

Source: D. Lund-Durlacher, W. Strasdas und E. Seltsmann

2. State of Research

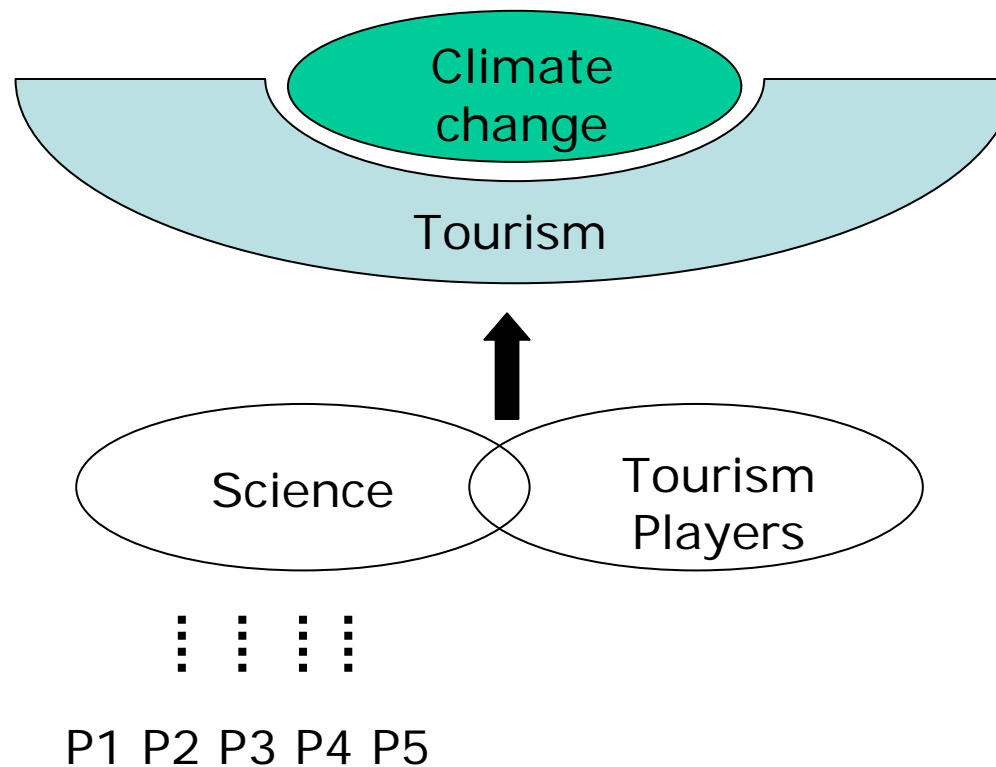
- Conferences
- Several papers about climate change and tourism

!! But they rarely work together with actual tourism managers

!! Studies with transdisciplinary approach work only with climate models and tourism as a interdisciplinary approach.

3. Structure of the Project KUNTIKUM

Transdisciplinary and Interdisciplinary



Sponsored by:

3. KUNTIKUM - Interdisciplinary Science

Combination of natural and social science

1. Cooperation processes
2. Tourism analysis and strategy
3. Weather and climate change analysis
4. Information and Communication and
5. Knowledge transfer



Meteorological Institute



Tourism Management

Leuphana University Lüneburg:

1. Prof. Dr. Harald Heinrichs (Institute for Environmental and Sustainability Communication),
2. Prof. Dr. Edgar Kreilkamp (Strategic Management and Tourism Management),
4. Prof. Dr. Andreas Möller (Institute for Environmental and Sustainability Communication),
5. Dr. Matthias Barth (Institute for Environmental and Sustainability Communication)

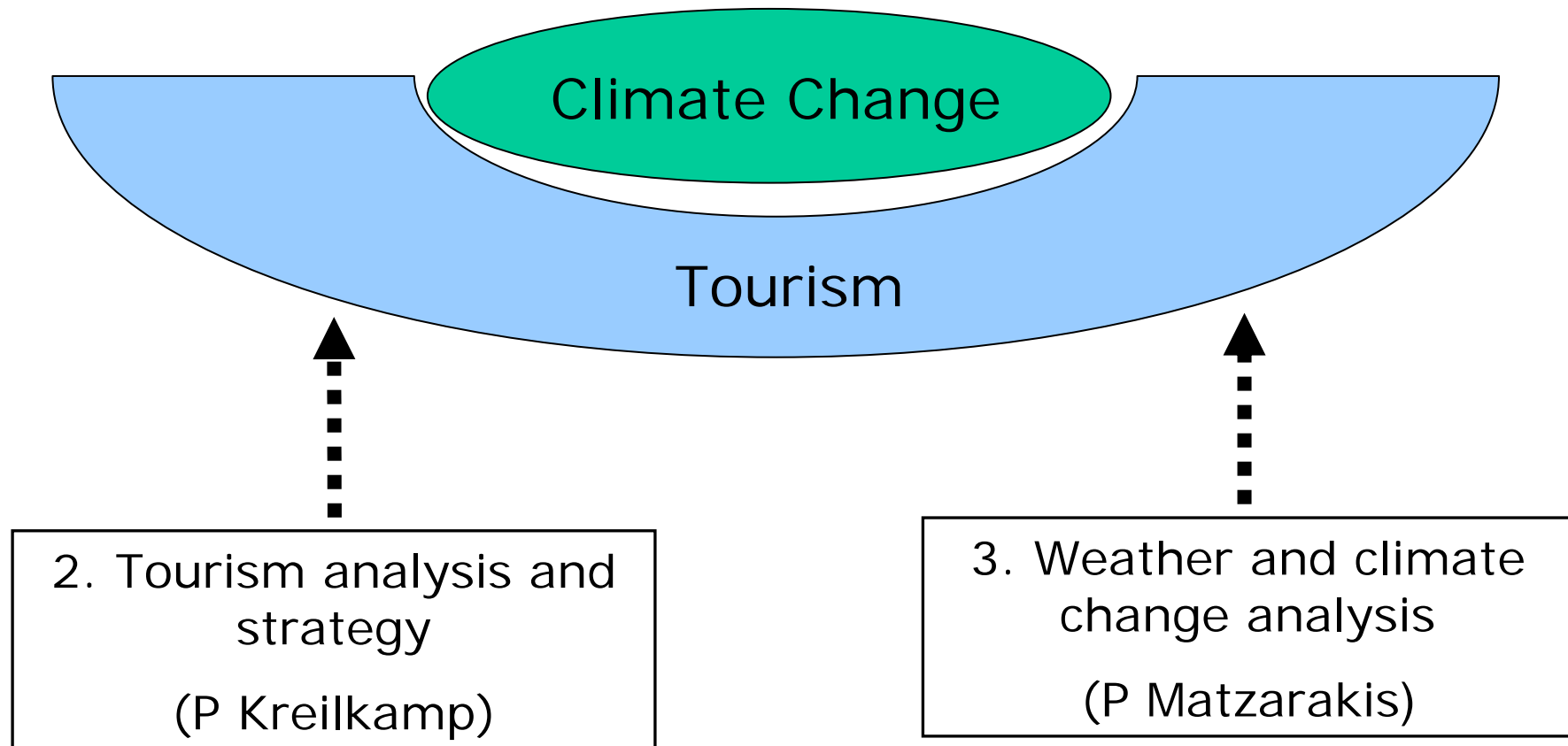
University Freiburg:

3. Prof. Dr. Andreas Matzarakis (Meteorological Institute)



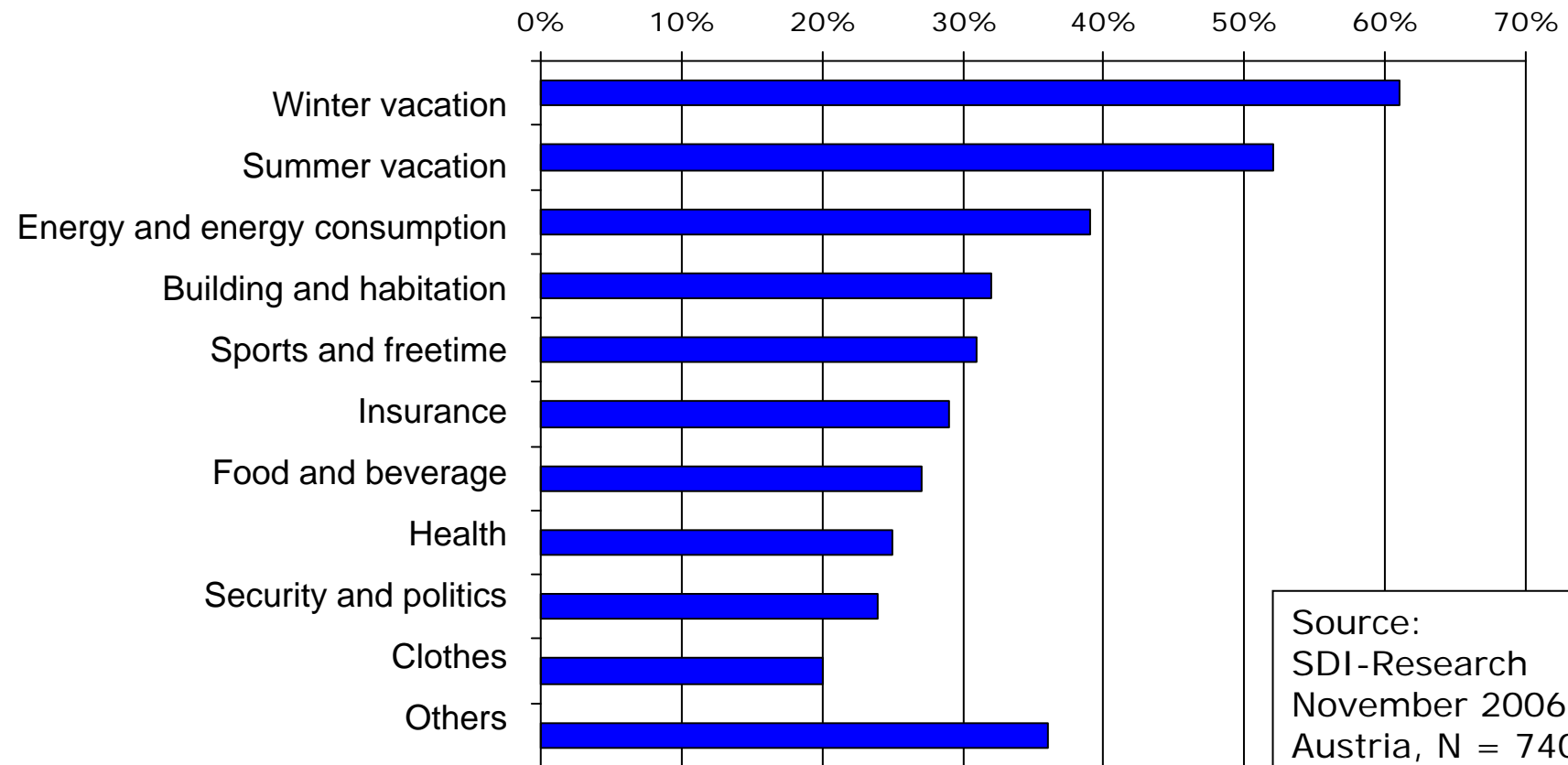
Institute for
Environmental and
Sustainability Communication

3. Interdisciplinary Science for Adaptation



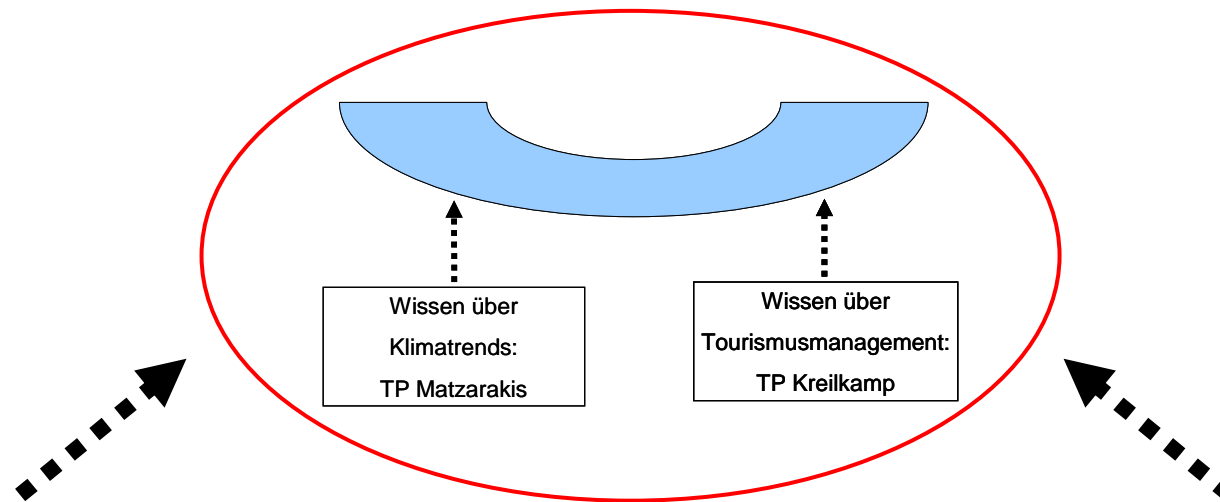
3. Interdisciplinary Science: Tourism management

Question: In which areas will climate change influence your life?



3. Interdisciplinary Science for Adaptation:

- Information and Communication
- Knowledge Transfer



4. internal:

Knowledge about Informations and Communications systems

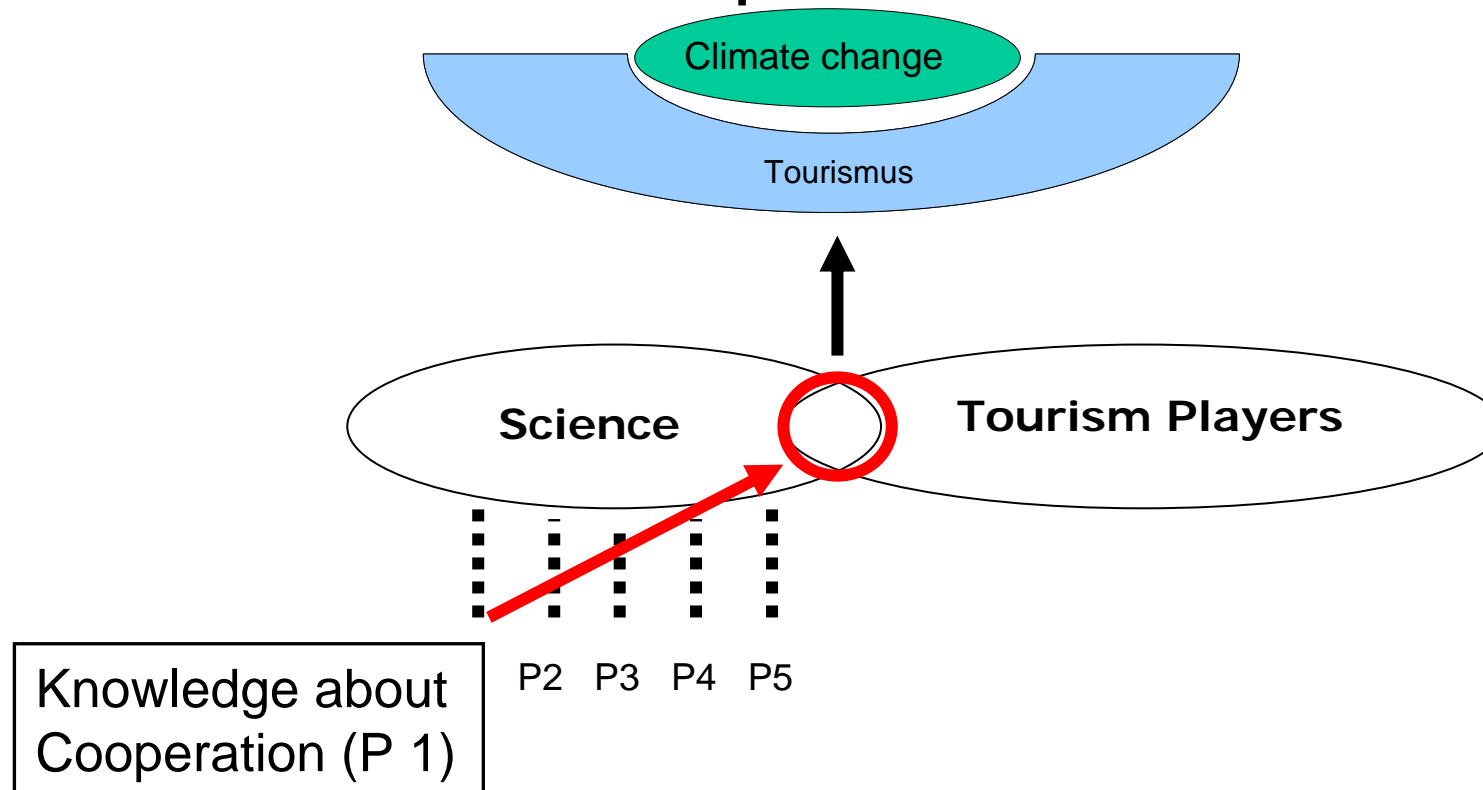
(P Möller)

5. external:

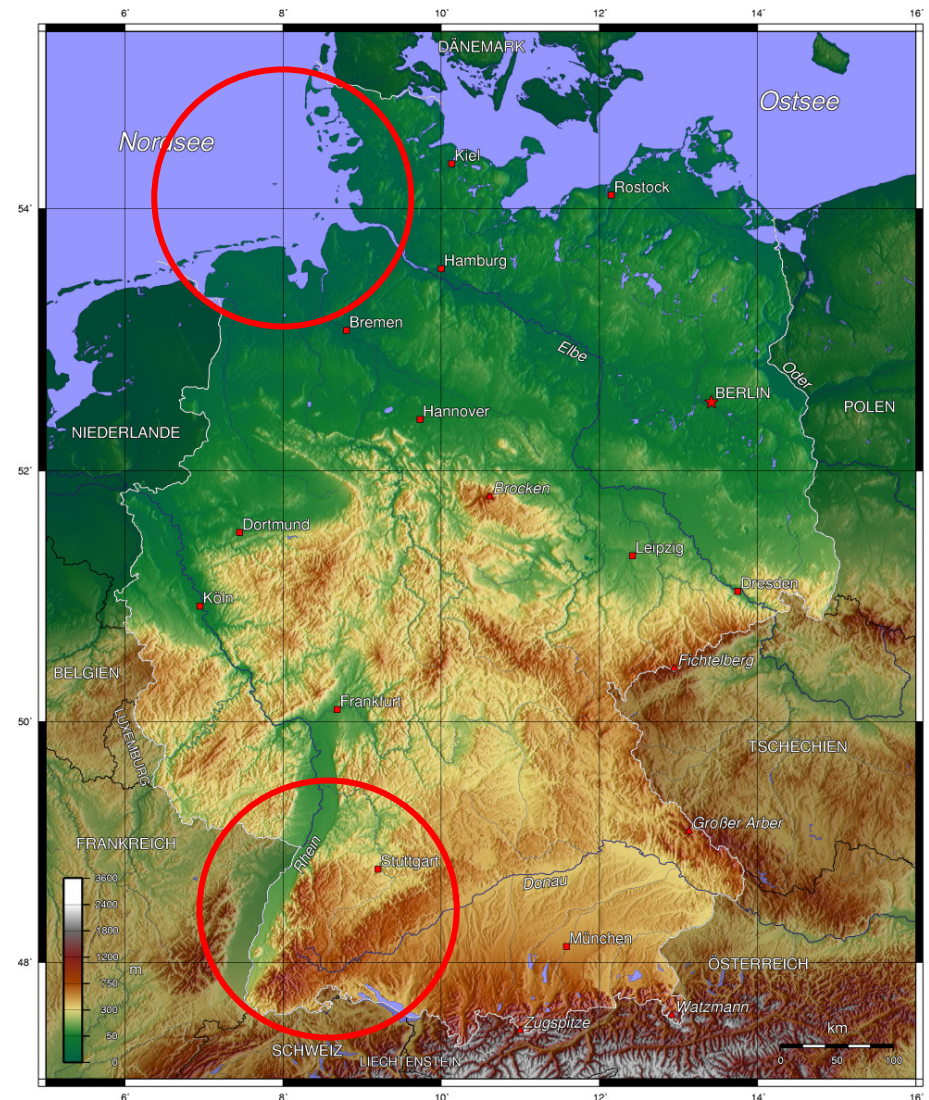
Knowledge about education for sustainable development

(P Barth)

3. Interdisciplinary and Transdisciplinary Adaptation



Case Study Germany: Coastal Zones and Mountain Regions as main vulnerable destinations



Source: www.mygeo.info

3. Tourism Players

National

National Partners

Federal States

Destination:
Black Forest

Destination:
North Sea

Local

3. Scheme for an Adaptation Strategy

In the project the process is divided into four phases:

1. Diagnosis	Which data about trends of climate change and tourism are necessary?	National and regional
2. Assessment	What do the data show about future development?	Regional
3. Strategy/ Design	What kind of new products and infrastructure does a sustainable tourism sector need?	Regional
4. Evaluation	Which possibilities and limits will be expected during the implementation?	National and regional

4. Further Work

Adapting Germany's tourism to climate change

- (1.) Analysis of climatic and touristic trends
 - (2.) Development of strategies for new products and infrastructure
 - (3.) Implementation of processes of cooperation and joint decision-making in tourism regions
- ...with the examples Northern Sea Coast and Black Forest Mountain Region

Thank you very much
for your attention.

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Information and Communication @ www.klimatrends.de

**LEUPHANA**
UNIVERSITÄT LÜNEBURG

IMPRESSUM | KONTAKT | DATENSCHUTZ | SITEMAP



kuntikum

Klimatrends.de und
nachhaltige Tourismusentwicklung

Sie befinden sich hier: [HOME](#) → [KUNTIKUM](#) → [PROJEKTBESCHREIBUNG](#)

KLIMAPROJEKTE

- Kuntikum
 - Projektbeschreibung
 - Projektkoordination
 - Tourismusanalyse / Strategie
 - Wetter- und Klimaanalyse
 - Kommunikationsinfrastruktur
 - Wissenstransfer
- Schwarzwaldregion
- Nordseeregion

Klimatrends und nachhaltige Tourismusentwicklung in Küsten- und Mittelgebirgsregionen

Der Klimawandel ist im vollen Gange. Die globale Erderwärmung, die der Mensch mit verursacht, lässt den Meeresspiegel ansteigen, verschiebt Schnee- und Eiszonen und führt zunehmend zu extremen Wetterlagen. Wie kann sich unsere Gesellschaft auf diese Veränderungen einstellen? Dieser Frage geht **KUNTIKUM** nach. Die Abkürzung steht für „Klimatrends und nachhaltige Tourismusentwicklung in Küsten- und Mittelgebirgsregionen“, das Thema eines Forschungsprojektes des Instituts für Umweltkommunikation an der Universität Lüneburg. Untersucht wird für den Tourismus, wie sich dieser besonders wetter- und klimasensible Wirtschaftsbereich an die Auswirkungen des Klimawandels anpassen kann. Gefördert vom BMBF, kooperieren Vertreter der Tourismuswirtschaft und der Tourismuspolitik mit Wissenschaftlern aus den Wirtschaftswissenschaften, der Nachhaltigkeits- und der Klimaforschung.

PROJEKTNEWS



02.03.07 (Öffentliche News)
KLIMAWANDEL: HELGOLAND WÄRMER ALS MARSEILLE!
In Deutschland ist es zurzeit um 4,1 bis 4,3 Grad Wärmer im Durchschnitt als die letzten 100...