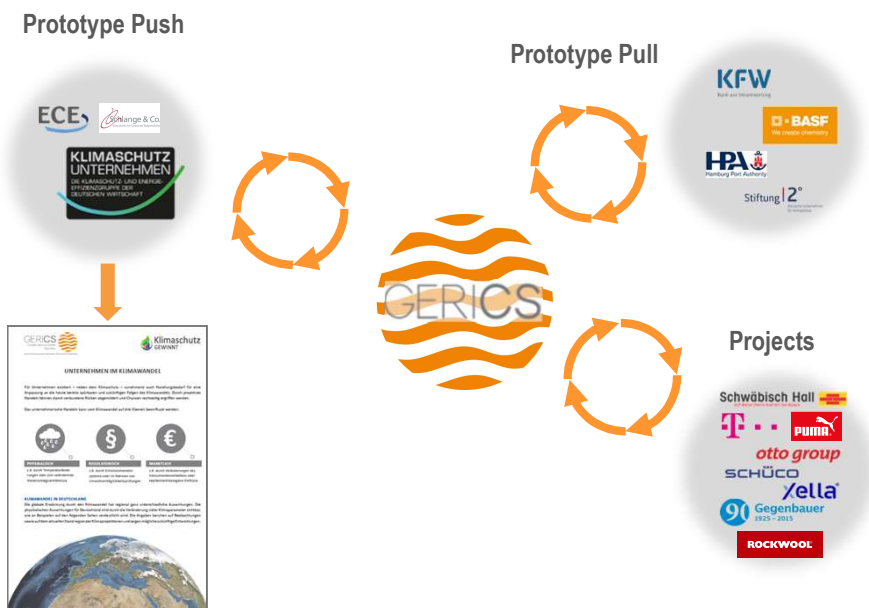


# Integrating climate services into the private sector

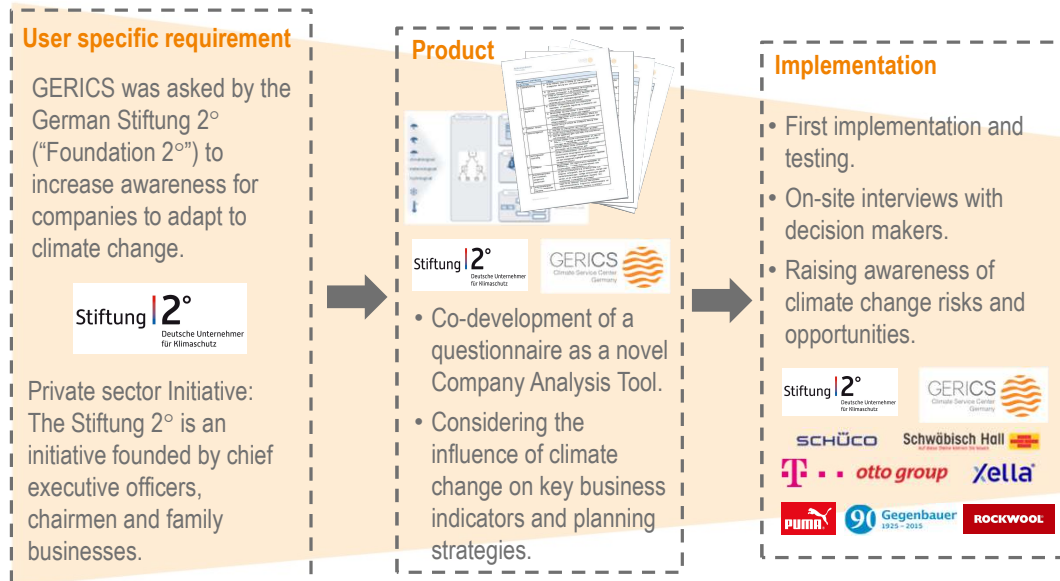
Markus Groth  
January 25, 2018



## ■ Different strategies of addressing the private sector



## ■ A user specific climate service product for companies



## ■ Company Analysis Tool – structure and content

### Management and leadership

- 1 Executive Board
- 2 Climate-related regulation
- 3 Time horizon
- 4 Risk management
- 5 Accounting / Controlling
- 6 Investors
- 7 Action decision in investments, mergers and siting
- 8 Resistance (resilience) of existing sites

### Infrastructure

- 23 Contingency plans in case of failure of public infrastructure
- 24 Supply and disposal
- 25 Utilities on site
- 26 Risk maps
- 27 ICT
- 28 IT / Telecom infrastructure
- 29 Carrier selection data centres

### Market

- 9 Changes in demand and customer service
- 10 Impact on technical, social and organisational innovation
- 11 Product improvements / adjustments
- 12 Product quality
- 13 Customer communication
- 14 New market structure by new competitors

### Production and logistics

- 30 Primary products
- 31 Warehousing
- 32 Distribution, transportation, inbound and outbound logistics
- 33 Scheduling
- 34 Resistance (resilience) and vulnerability of the main suppliers

### Finances

- 15 Property assets
- 16 Corporate investments
- 17 Property and equipment (machine, fleet, equipment)
- 18 Investment / Asset
- 19 Amortisation
- 20 Interest costs
- 21 Insurance costs
- 22 Supplies, stocks

### Employees

- 35 Qualification requirements (skills and competencies)
- 36 Continuing education



## Company Analysis Tool – one example

### Management and leadership

- 1 Executive Board
- 2 Climate-related regulation
- 3 Time horizon
- 4 Risk management
- 5 Accounting / Controlling
- 6 Investors
- 7 Action decision in investments, mergers and acquisitions

8 Resilience

### Market

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Are buffer times in incoming and outgoing logistics scaled in a way that effects related to climate change (e.g., transport delays) are factored in?

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## A user specific climate service product for companies

### Facts

- All main organizational areas of companies.
- 36 subtopics.
- 55 questions.
- 35 interviews with top level management involved (e.g. CEOs, global directors and vice presidents).
- Individual feedback for each company.
- 2 workshops with all participating companies.
- Project duration: 18 month.

### Feedback

- „The cooperation between the Stiftung 2° and GERICS helped initiate numerous approaches for the development of robust climate strategies for businesses“ (Sabine Nallinger, Stiftung 2°).
- „By using the tool we obtained an awareness of climate change and climate impacts“ (Thomas Lauritzen, Schüco International KG).

### Publication

- Peer-reviewed publication of the overall prototype development.



Source: Groth and Seipold (2017).

## ■ Conclusion

### Prototype development: Company Analysis Tool

Prime example of co-developing a user specific and scientifically sound climate service product:

- ✓ based on requirements from the private sector,
- ✓ really helpful for companies to raise awareness and develop robust climate strategies,
- ✓ methodology, practical implementation, results and lessons learned published as a peer-reviewed paper.