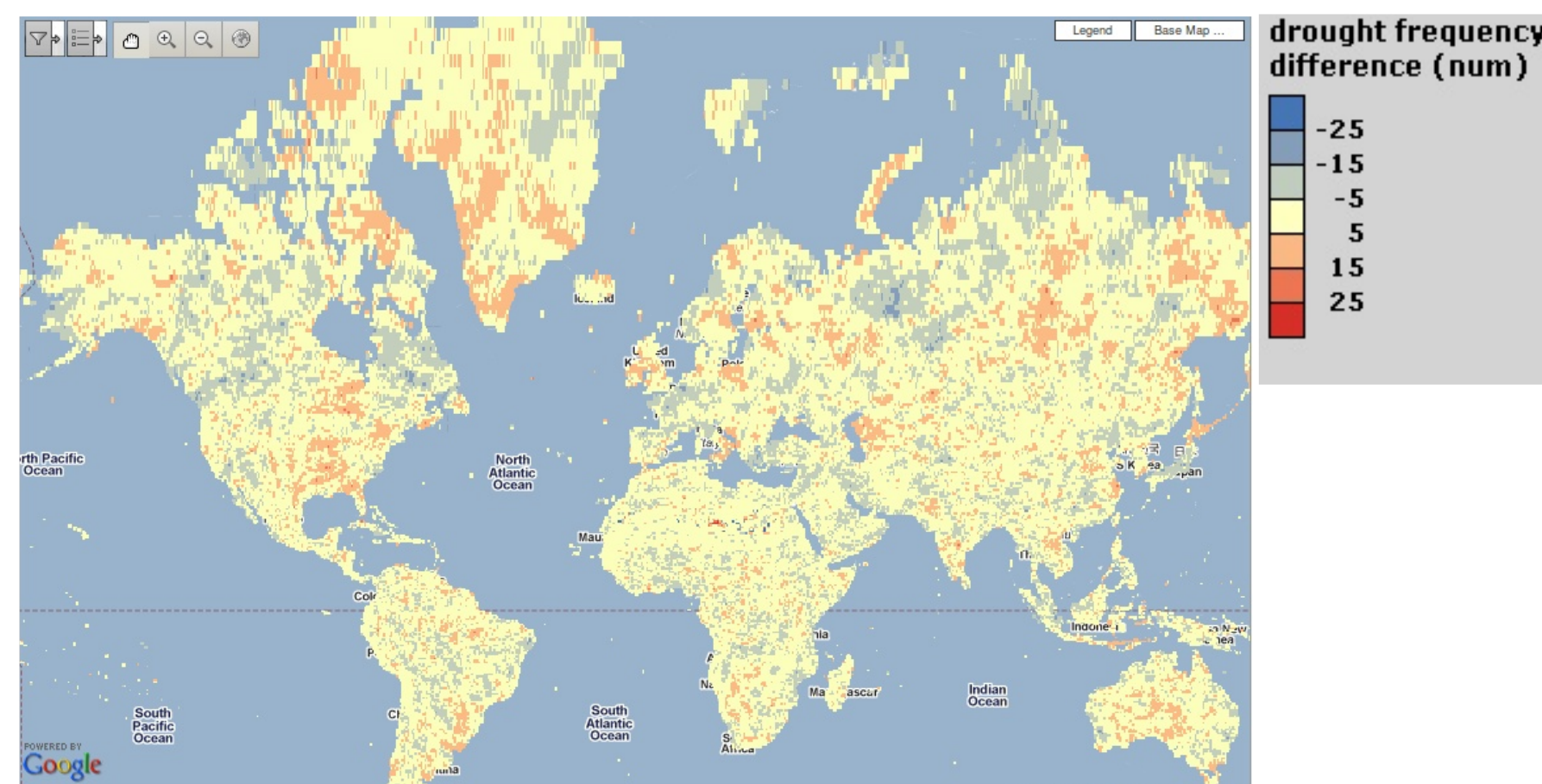


Climate Change Information

1

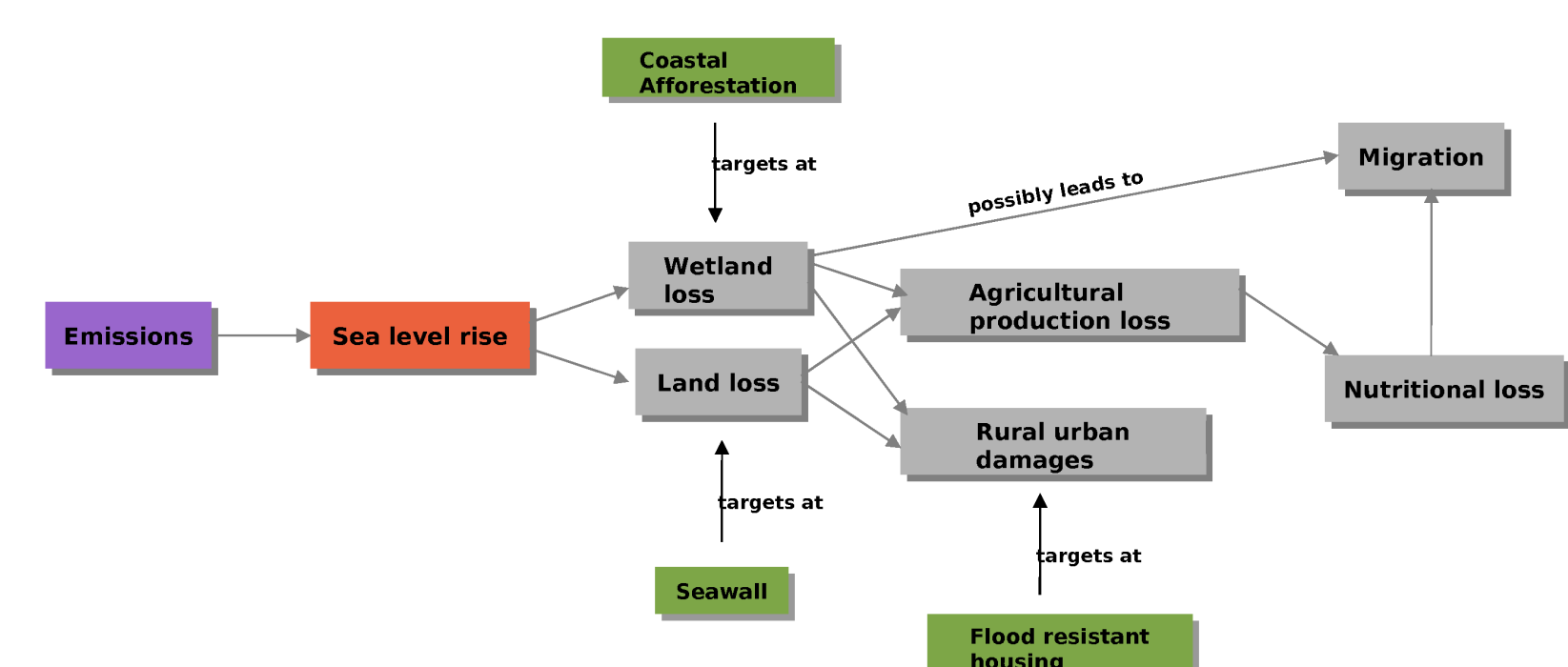
- Climate change induces changes in the frequency and severity of weather related hazards.
- These changes will require societies to adapt their systems to the experienced and anticipated climate stimuli.
- Clear communication of possible climate impacts and the related uncertainties are of importance for adaptation processes.



Change in drought frequency 2001-2030 (reference 1961-1990); scenario A2.

Structuring the knowledge with impact chains

3



- Drivers possibly lead to a stimulus
- Impacts are triggered by climate stimuli
- Impacts possibly lead to other impacts
- Adaptation measures target at impacts

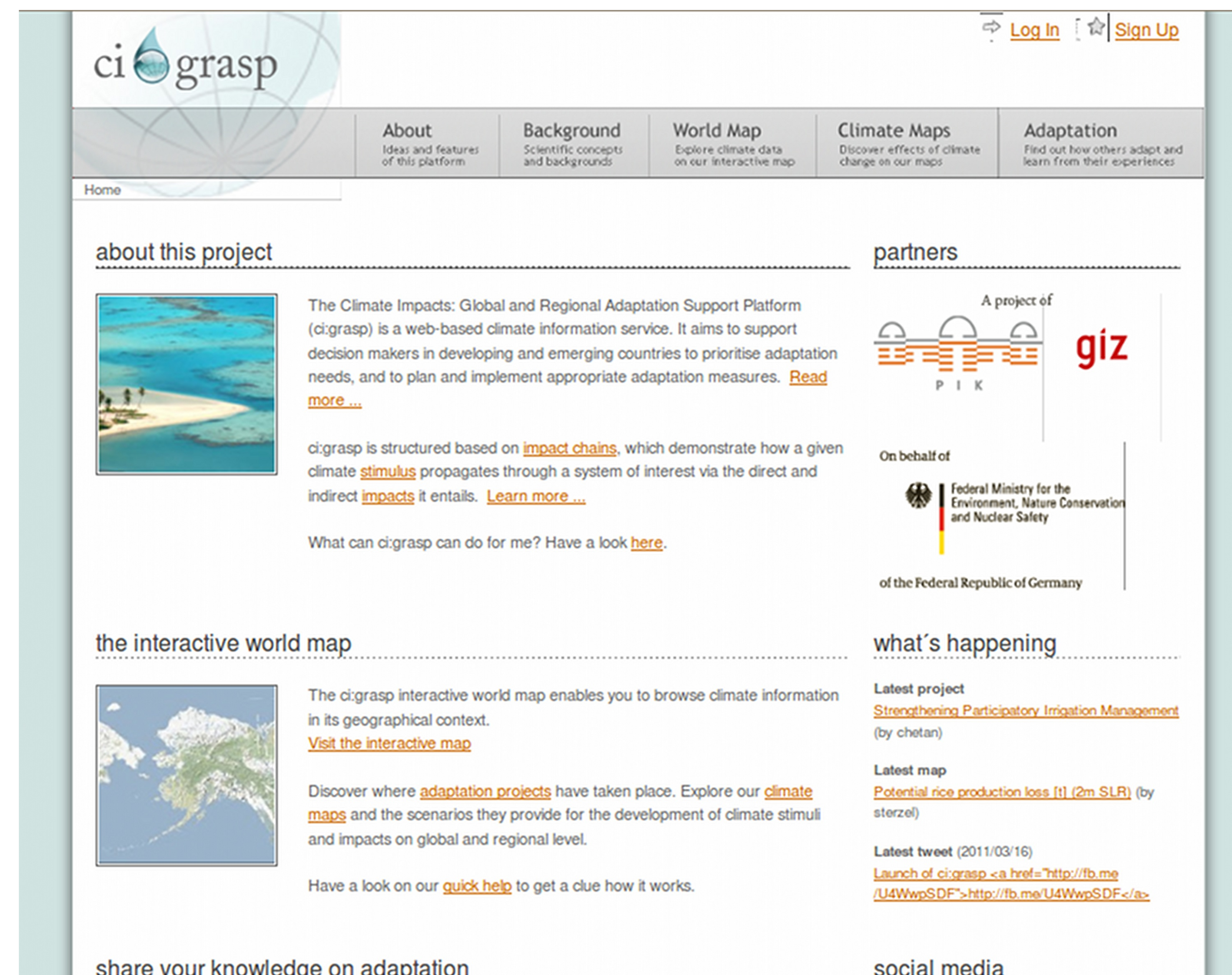
Broad context on global scale: may need adjustments for specific cases

Our platform:

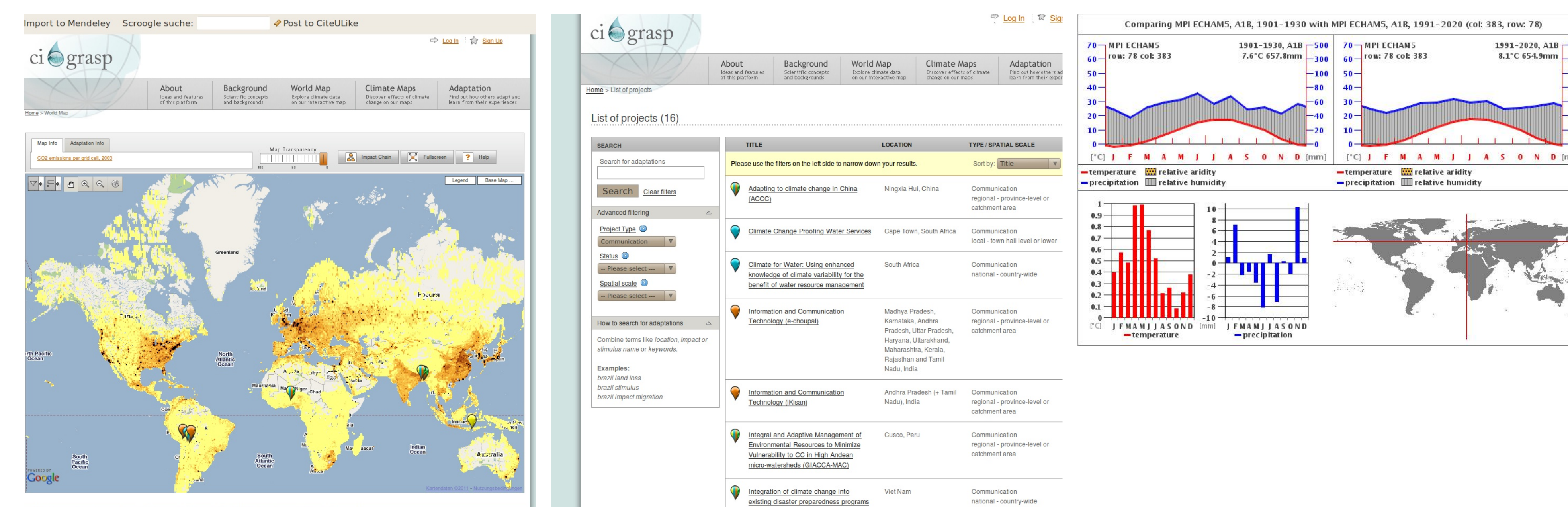


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4



> 1000 interactive maps ~ 300 adaptation projects climate diagrams



Challenges to meet

2

1. Users of web-enabled platforms that provide access to climate change related information are confronted with a considerable degree of external inconsistency concerning user interfaces.
2. Existing adaptation platforms differ in how they integrate climate change background information and in how they structure adaptation related information.
3. Links between stimuli, impacts and adaptation are often not made explicit, while making this link visible is expected to be useful.
4. User participation in the pre-implementation phase is the best predictor for usefulness.
5. Appropriate communication of climate change and adaptation uncertainties.

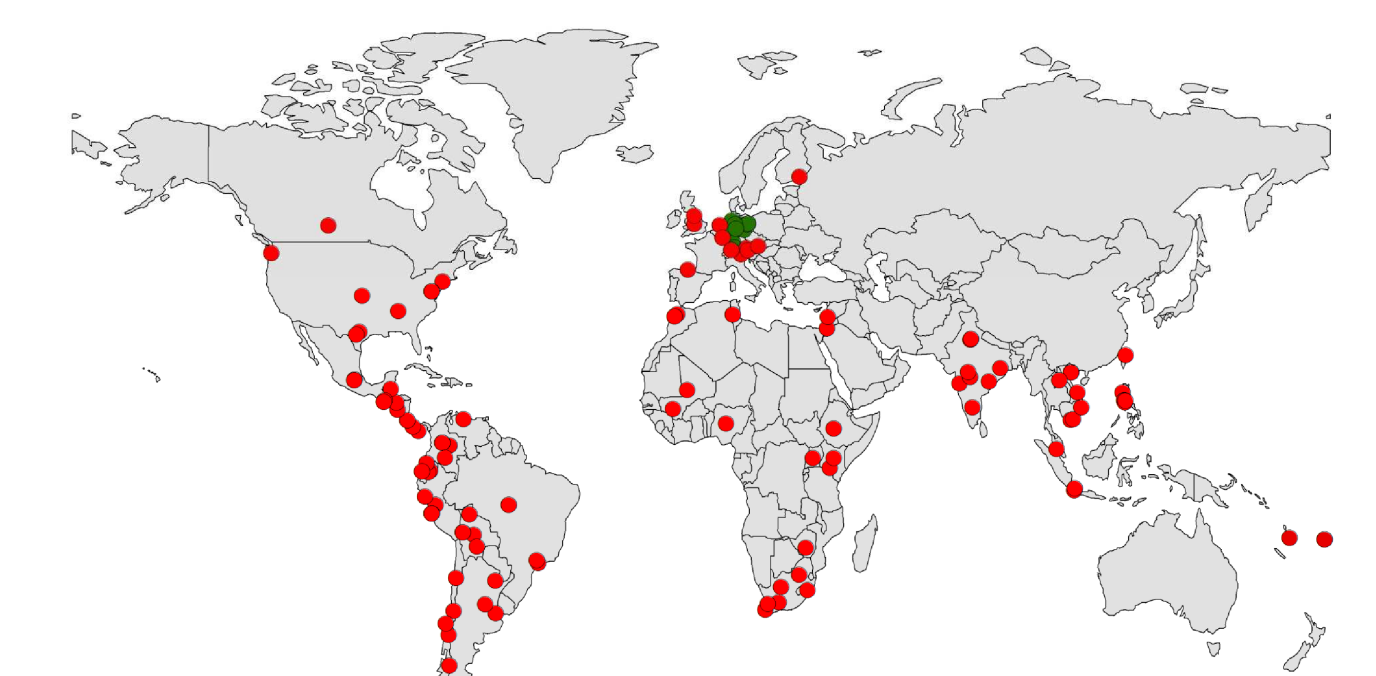
User involvement

5

Workshops about climate impacts on developing projects layed the foundation and resulted in a list of **specific user requirements**.

The platform was **beta-tested** prior to the launch:
About 70% of the testers stated interest to use the platform for their future work.
>90% find the content useful.

Distribution of test users worldwide



Contribute

- Present your adaptation project after registering
- Interesting hazard maps to show on ci:grasp? Get in touch! reusser@pik-potsdam.de