

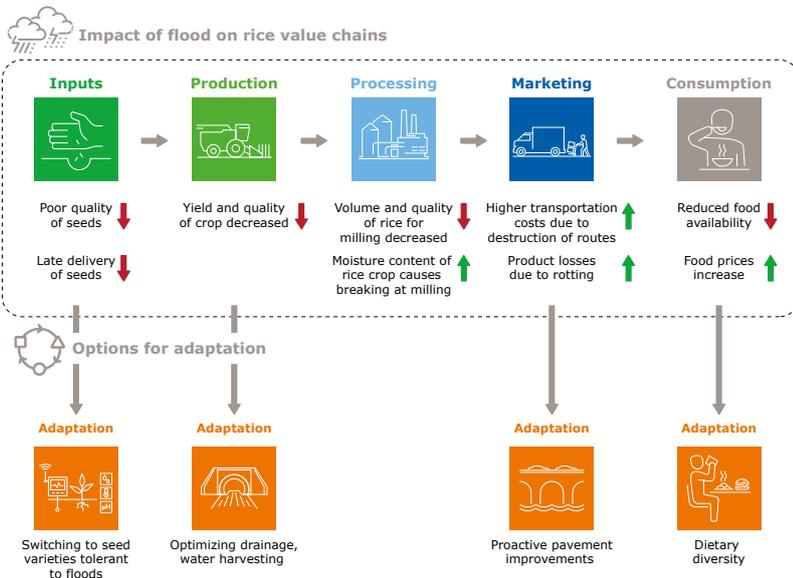


Climate Risk Assessment Services for agri-food sector

Building climate resilient value chains



WAGENINGEN
UNIVERSITY & RESEARCH



Climate change poses high risks to the agri-food business. It threatens ecosystems and impacts the natural capital on which companies depend. Agri-food companies have already suffered from weather-related impacts in recent years and most have seen an intensification of such impacts. Meanwhile, farming- and other communities on which the agri-food businesses depend for their supplies, are also highly affected. Recognizing the problem, identifying climate risks in the value chain and responding with adaptation measures, can help agri-food businesses to minimize risks and strengthen climate resilience. Responding to the effects of climate change may also provide opportunities for innovative climate-resilient products and services and open up new markets.

Our approach

We provide climate risk assessment services that help stakeholders in a value chain to better understand the likely impact of climate change on their business. We carry out a climate risk assessment and provide assistance to translate climate business risks into response opportunities. We strongly believe in co-creation of these opportunities and therefore work in close collaboration with relevant stakeholders in a value chain.

Example project

The Climate Smart Agriculture East-Africa programme (2018 - 2022), funded by the Dutch Ministry of Foreign Affairs, will increase the climate resilience of agri-food chains in Kenya, Tanzania and Uganda. The programme is implemented by SNV in partnership with Wageningen Environmental Research (WENR), CGIAR's Climate Change Agriculture and Food Security Programme (CCAFS), Agriterra, and Rabo Partnerships.

WENR is leading the climate risk assessment of 12 value chains, including: sesame, soybeans, potatoes, sunflower, common beans and green grams. Regionalised and tailored climate change projections are being developed and inform the assessment of climate change impact on water availability and crop production.

Questions such as: "given the likely impact of climate change on sesame production, what will be the effect on my business" or "What innovations are needed in sunflower processing if raw materials will become available one month later than in the past", will be explored in workshops with value chain parties.

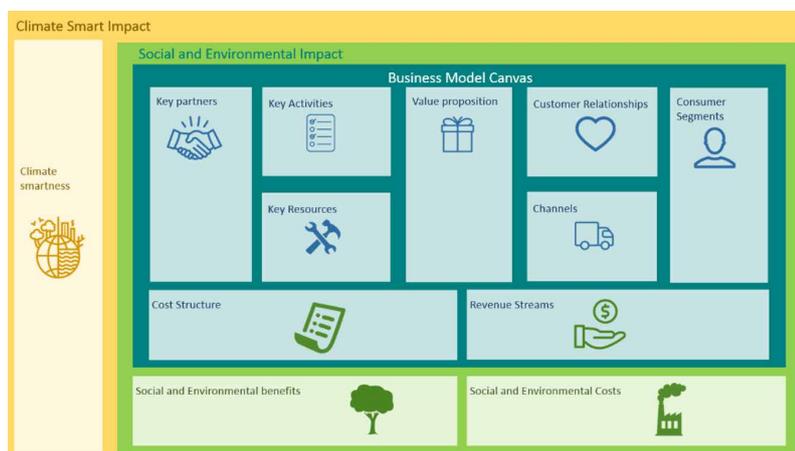
Our services

- Tailoring climate change projections
- Assessing the impact of climate change on water availability and crop production
- Assessing climate risks and opportunities
- Translating climate risks into business risks and opportunities
- Visualising climate change information
- Crop yield forecasting

Research programme

Green Climate Solutions

Climate smart business model canvas (Bolt, 2019)



Contact

For more information, please contact:
 Wageningen Environmental Research

Annemarie Groot

Team Climate Change
 T +31 (0)317 483935
 E annemarie.groot@wur.nl

Tim van Hattum

Programme Green Climate Solutions
 T +31 (0)317 483 441
 E tim.vanhattum@wur.nl

Co-developed as part of
 KB-project KB-24-002-047