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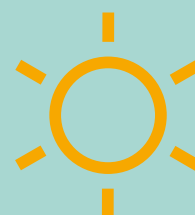
*Liberté
Égalité
Fraternité*



- Does climate change impact your company's activities, products and services?
- This compendium will help you identify the approaches and tools best suited to your needs.

HOW CAN I ASSESS THE IMPACTS OF CLIMATE CHANGE ON MY COMPANY ?

FOCUS ON ACTION





CLIMATE CHANGE CAN IMPACT COMPANIES AT ALL LEVELS OF THEIR VALUE CHAIN

Today we live in a world that is 1°C warmer than in the pre-industrial period. The consequences of this climate change are very real, as evidenced by rising sea levels and an increase in the frequency and intensity of extreme events such as floods and droughts.

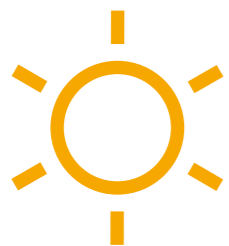
These changes will intensify, and will increasingly affect companies.

CLIMATE HAZARDS

- Rising temperatures
- Evolution of precipitation regimes
- Droughts
- Increasing scarcity of water resources
- Increasingly frequent, erratic and intense extreme weather events
- Variation in river flow

A climate change impact assessment enables companies to identify the potential impacts of climate change on their activities, products and services and to rank them by order of priority for action.

The compendium "Assessing the impacts of climate change on a company" assists companies in this key stage of their adaptation process. It also facilitates the implementation of the EN ISO 14090 standard «Adaptation to climate change - Principles, requirements and guidelines».



17 METHODS AND TOOLS ARE CURRENTLY AVAILABLE TO COMPANIES

The compendium will enable you to identify the methods and tools best suited to your needs.

ANNEX B, STANDARDEN ISO 14090

DEVELOPER
Afnor

Description : Annex B of the ISO Standard stipulates the steps to be followed to perform a threshold analysis and provides illustrative examples.

TARGET
All private and public-sector actors

<https://www.taloe.fr/bat-adapt>

HAZARDS SECTOR ACCESS LANGUAGE



METHOD	MEANS
RISKS	Human resources
VULNERABILITIES	Technical resources
THRESHOLDS	



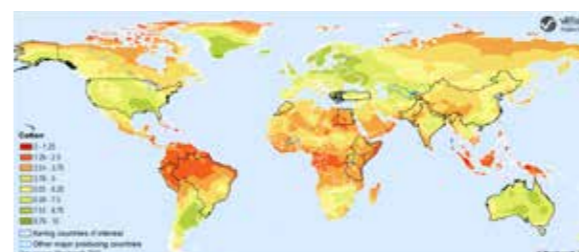
4 ECONOMIC PLAYERS SHARE THEIR EXPERIENCE

Their approaches will help you understand how to apply the impact assessment methods and tools.



KERING, A GLOBAL LUXURY GROUP

And its impact assessment for six raw materials



Map 1: Climate Change Risk Index for cotton (2036-2060)



VALLOUREC, A WORLD LEADER IN STEEL TUBES

And its hotspots risk assessment for 15 sites (factories, forest and mines)

	1. Millheim Germany		2. Röhrl Pöggendorf Austria		3. Montbard France		4. Aulnoye France		5. Chuzhou China		6. Montbard (incl. France)		7. Houston (Hardy road) United States	
	Impact	Probability	Impact	Probability	Impact	Probability	Impact	Probability	Impact	Probability	Impact	Probability	Impact	Probability
Frequency of average temperature	3	3	1	3	1	3	1	3	3	3	1	3	3	3
Heat waves	2	3	2	3	3	3	2	3	3	3	3	3	3	3
Drought	1	1	2	1	3	1	1	1	1	1	2	1	1	1
Depletion of water resources	1	1	2	1	1	1	3	3	1	1	1	1	3	3
Heavy rain and flooding	3	1	4	1	2	1	3	1	3	1	3	1	3	1
Cyclones	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Sea level rise	Decrease	3	Decrease	3	N/A	N/A	N/A	N/A	Decrease	3	Decrease	3	Decrease	3
Drop in level of water level	+	2	+	2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



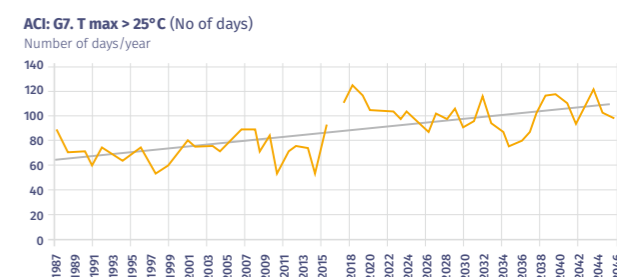
THE BAT-ADAPT INITIATIVE OF OID (GREEN BUILDING OBSERVATORY)

an independent forum for exchange on sustainable development in the real estate sector
An its freely accessible vulnerability mapping tool for real estate stakeholders



AWA, THE WEB PLATFORM OF THE EUROPEAN PROJECT AGRIADAPT

And its online impact assessment tool available to farms





Carrying out a climate change impact assessment is a fundamental step for any company wishing to engage in an adaptation process. This compendium presents the approaches and tools available today to companies willing to conduct such an exercise. It also includes four case studies, presenting the assessments undertaken by the companies Kering and Vallourec, and the online platforms Bat-ADAPT by the Green Building Observatory (OID) and AWA for agriculture.



This compendium of tools and case studies is available **free** of charge in the ADEME media library:
www.ademe.fr/diagnostic-impacts-changement-climatique-entreprise.

For further information, please contact your ADEME regional delegation:
www.ademe.fr/content/liste-implantations-lademe

More about climate change adaptation in companies :

- Compendium on the adaptive **capacity of businesses to climate change**:
www.ademe.fr/capacite-dadaptation-changement-climatique-entreprises
- EN ISO 14090 standard: www.iso.org/fr/standard/68507.html

ABOUT ADEME

Here at ADEME - the French Environment & Energy Management Agency, responsible for the energy transition in France - we are firmly committed to fighting global warming and the depletion of our natural resources.

ADEME is a public agency under the joint authority of the Ministry for an Ecological Transition and the Ministry for Higher Education, Research and Innovation.

COLLECTIONS OF ADEME



FOCUS ON ACTION

ADEME is a catalyst – Actors and stakeholders talk about their experience and share their know-how.