

Présidence belge du Conseil de l'Union européenne

Sommet Climate Chance Europe 2024 Wallonie

v

14

Structurer et progresser dans sa stratégie d'adaptation au changement climatique : le cas de la méthode ACT Adaptation

Structuring and advancing your climate change adaptation strategy: the case of the ACT Adaptation method



Modérateur – *Moderator*



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Ingénieure au pôle Adaptation de l'ADEME et auteure de la méthode ACT Adaptation



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Wallonie

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Structuring and advancing your climate change adaptation strategy: The case of the ACT Adaptation method



World
Benchmarking
Alliance



Welcome to this workshop !



1. Introduction : Adaptation & ACT methodology



2. Feedback from companies engaged in adaptation to climate change



3. Workshop & exchanges !

Aller vers

app.klaxoon.com

CRPZNFX



Climate changes already impact activities

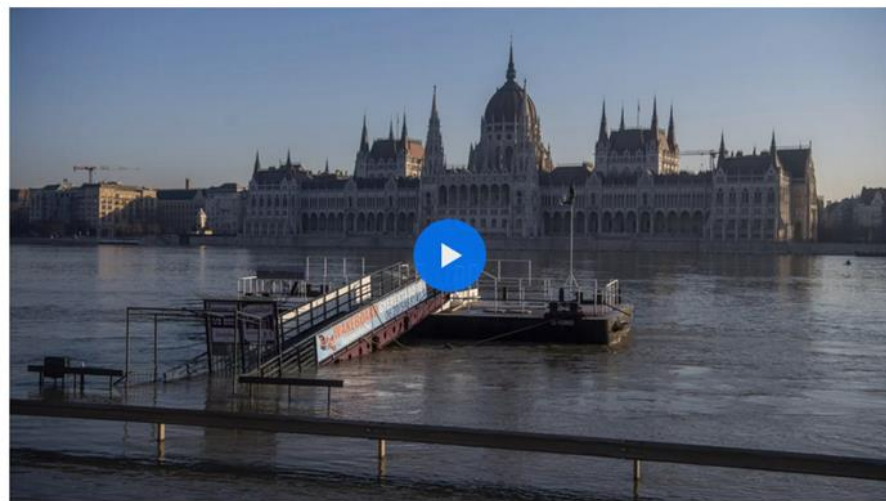


Smoke Sends US Northeast Solar Power Plunging by 50% as Wildfires Rage in Canada

Bloomberg

- Solar generation drops across New England and Mid-Atlantic
- Drought conditions have sparked blazes in eastern Canada

Floods in Europe: Hungary, Netherlands and Lithuania brace themselves



By Euronews with AP
Published on 29/12/2023 - 12:41 • Updated 03/01/2024 - 14:49

INTERNATIONAL • DROUGHT

How drought is forcing the Panama Canal's painful slowdown

By Marie Delcas (Panama special correspondent)

Published on September 24, 2023, at 8:30 pm (Paris)



EUROPE

Drought has sent a Rhine River chokepoint to a historic low for this time of year and threatens shipping of critical fuel supplies

BY RACHEL GRAHAM AND BLOOMBERG
June 28, 2023 at 7:00 PM GMT+2



Water levels at a key Rhine chokepoint are at a historic low.
THOMAS FREY/PICTURE ALLIANCE VIA GETTY IMAGES

« Avoid the unmanageable and Manage the unavoidable !



Figure ES.6 Averting, minimizing and addressing losses and damages

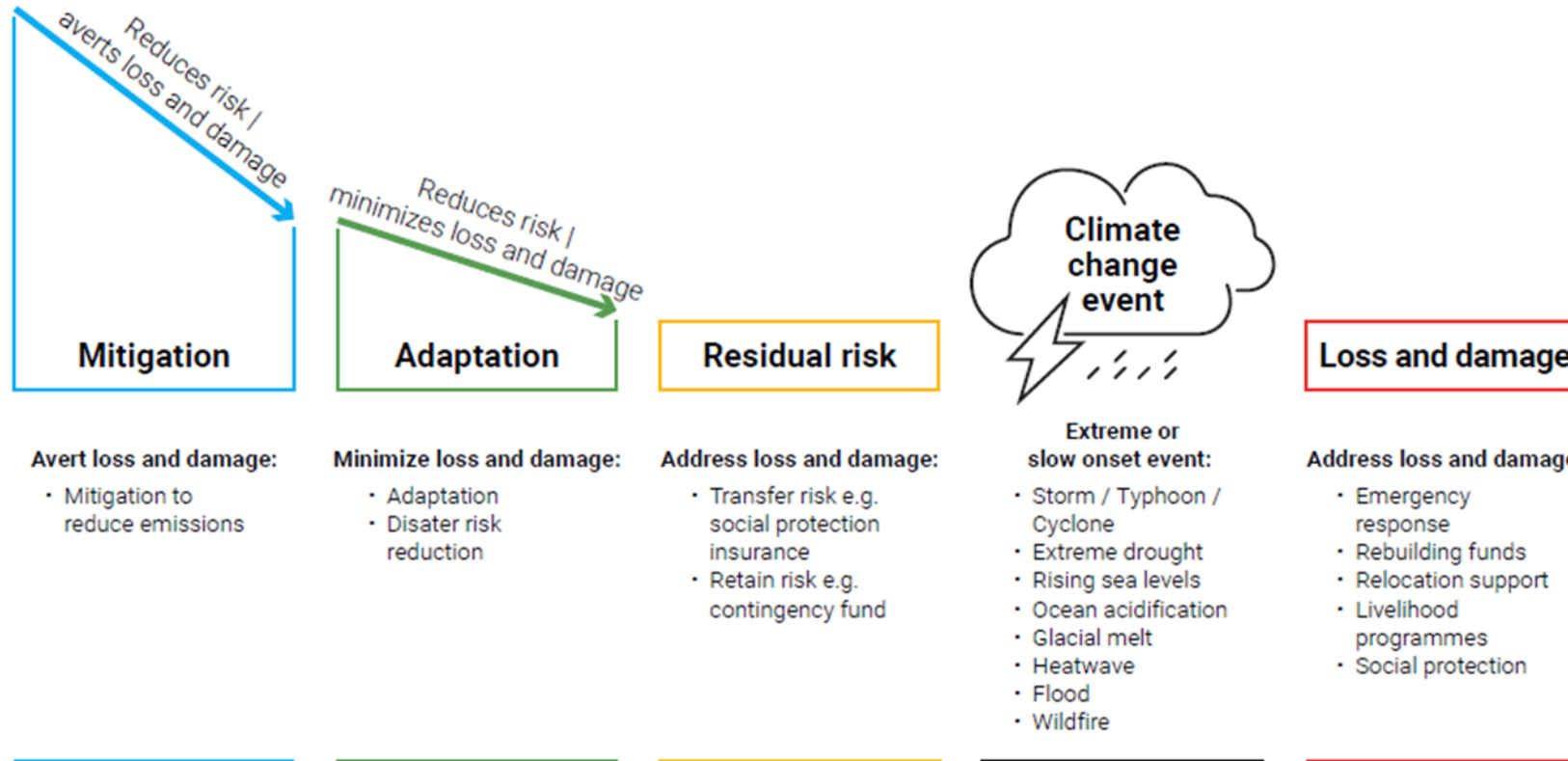
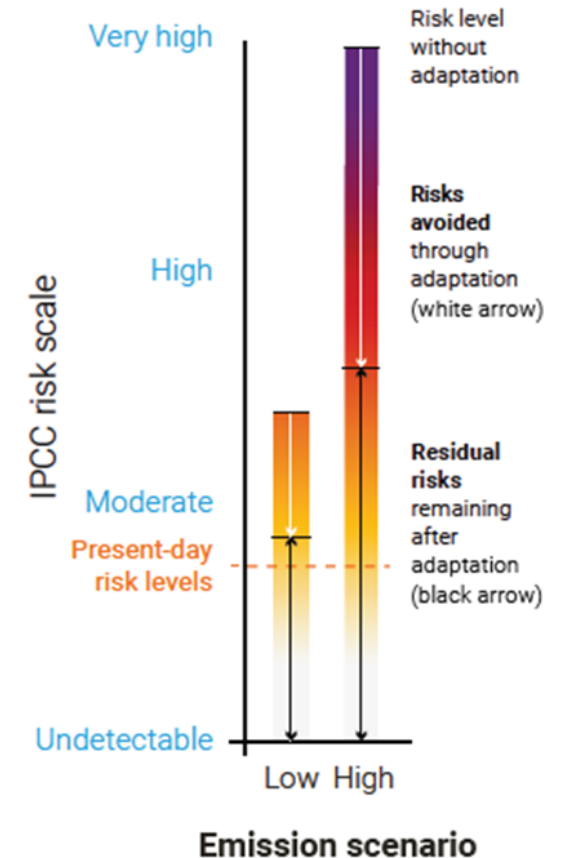


Figure ES.1 The conceptual landscape of the Adaptation Gap Report series: connecting temperature change and levels of climate risk and adaptation with the international climate negotiations

B. Risk levels at the end of the century under contrasting emission scenarios and a hypothetical adaptation scenario



Adapted from: Richards, J.A. (2022). <https://www.lossanddamagecollaboration.org/stories-op/how-does-loss-and-damage-intersect-with-climate-change-adaptation-drr-and-humanitarian-assistance>

ACT Initiative



Provide credibility for companies' climate transition plans and their potential to reach their science-based targets. Avoid greenwashing.



ACT is a forward-looking, holistic and operational approach to corporate climate accountability developed through multi-stakeholders technical working groups and public consultations.

ACT | ASSESSING LOW CARBON TRANSITION[®]

Emissions quantification

Guidance
ACT Step by Step

Assessment
ACT

Originally funded by



Strategic partnerships

Transfer of ACT international stewardship to WBA in June 2022



Provide third party climate accountability for 450 companies

Develop and maintain ACT methodologies

Reinforce and disseminate ACT methodologies at international level

Objectifs of the ACT Adaptation methodology



Paris Agreement Article 7 global goal :
“enhancing adaptive capacity,
strengthening resilience and reducing
vulnerabilities to climate change”.

Finding: lack of a standardised
framework for analysing physical risks and
assessing the adaptation strategy of
private actors (ISO 14090 and ISO 14091
provide a framework but remain very
generic)

→ Development of this specific and
operational framework for assessing the
adaptation strategy of companies, from
physical risks analysis to governance and
decision-making.

The principles and structure of ACT
Adaptation are consistent with the ones of
ACT Mitigation. These two parts of ACT
are independent but can be combined to
obtain a **comprehensive climate
strategy assessment.**

Presentation of the ACT Adaptation methodology



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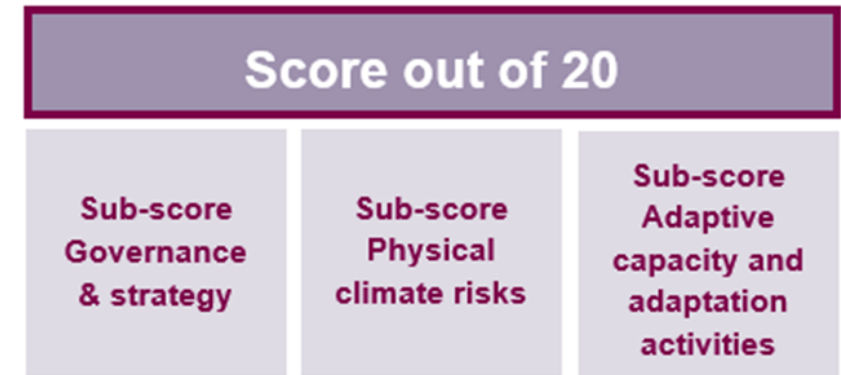


What is ACT Adaptation?



Methodology to assess the quality and comprehensiveness of company's adaptation strategy and plan, from its physical risk analysis, to the adaptive capacities and adaptation activities implemented and the governance.

→ For companies of all sectors, sizes and location.



A framework through guiding questions and boundaries



A set of indicators



Maturity matrices and related scoring



Principles, guidances, glossary, etc.

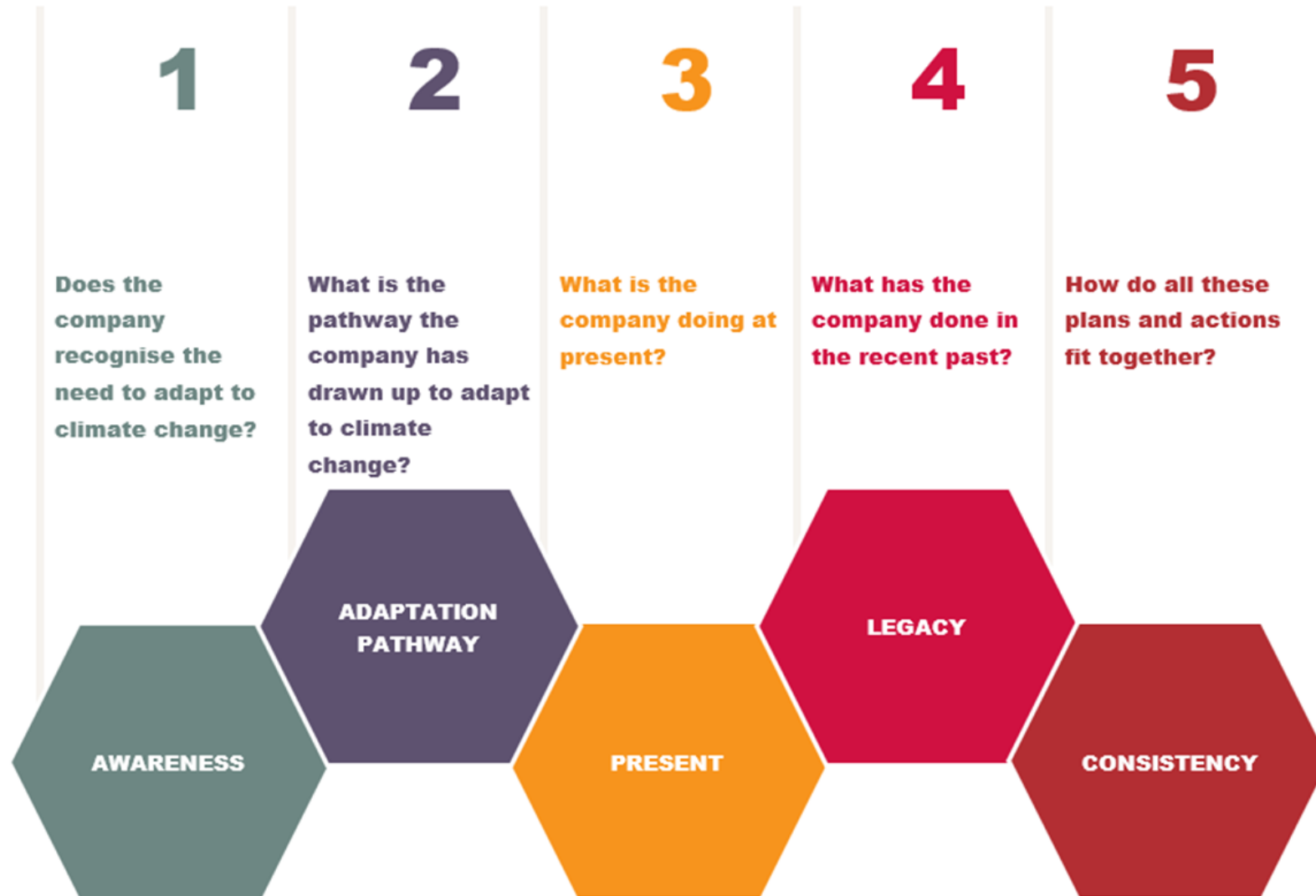
→ Awareness & actions
→ Past, present & strongly future oriented
→ Complete value chain

→ All the necessary elements for a comprehensive and relevant adaptation strategy

→ Give best practices & the steps to get there

→ Help through this adaptation journey

ACT Adaptation framework: 5 guiding questions



ACT Adaptation methodology structure



| DIMENSION | MODULE | INDICATOR |
|--|---|---|
| GOVERNANCE & STRATEGY | 1. INTERNAL GOVERNANCE | 1.1 Strategic objectives over the different time horizons |
| | | 1.2 Adaptation leadership and responsibilities |
| | 2. COHERENCE WITH EXTERNAL STRATEGIES & DIALOGUE | 2.1 Coherence with external adaptation strategies |
| | | 2.2 Working/Dialogue with interested parties |
| | 3. ENVIRONMENTAL AND SOCIAL SAFEGUARDS | 3.1 Do No Significant Harm Principle |
| | PHYSICAL CLIMATE RISKS | 4. DATA AND VALUE CHAIN |
| 4.2 Criticality of the value chain ¹⁸ | | |
| 5. PHYSICAL CLIMATE RISK ANALYSIS | | 5.1 Risks |
| | 5.2 Opportunities | |

| DIMENSION | MODULE | INDICATOR |
|--|---|---|
| ADAPTIVE CAPACITY AND ADAPTATION ACTIVITIES | 6. ORGANISATION | 6.1 Decision-making processes |
| | | 6.2 Internal learning system |
| | | 6.3 Diversification of activities |
| | 7. FINANCE | 7.1 Financial capacity |
| | | 7.2 Mainstreaming of climate adaptation into investment decisions |
| | 8. TECHNOLOGIES AND NATURE-BASED SOLUTIONS | 8.1 Technologies and nature-based solutions for adaptive capacity |
| | 9. HUMAN | 9.1 Competences and expertise |
| | | 9.2 Training and capacity building |
| | | 9.3 Adaptation measures for working conditions |

Maturity matrices

Maturity matrix for each indicator that helps the company to progress towards the best practices

Example for indicator 4.1 Climate data and scenarios

| Basic | | Standard | | Advanced | |
|---|-------|--|-------|--|-------|
| <ul style="list-style-type: none"> The company has not conducted any climate projections or climate scenario analysis. | | <ul style="list-style-type: none"> The company considers past and current weather events in its regular risk analysis. The company has explored some climate data and projections, but no specific resources are dedicated to climate scenarios. | | <ul style="list-style-type: none"> The company considers historical and current weather events and variability in its regular risk analysis. It draws up climate projections based on available climate data and projections across at least one climate scenario. The analysis covers the medium term (defined by the company – ind. 1.1) and the long term (i.e. beyond 20 years), and start to consider uncertainties. This scenario analysis needs to be consistent with the lifespan of the company's activities, infrastructure, projects and investments, and appropriate to its needs. | |
| 0 | 0,125 | 0,25 | 0,375 | 0,5 | 0,625 |

| Next practice | | Best Adaptive Practice |
|--|-------|---|
| <ul style="list-style-type: none"> The company considers historical and current weather events and variability in its regular risk analysis. Climate data and projections are based on at least two contrasted climate scenarios. The analysis covers the medium term (defined by the company – ind. 1.1) and the long term (i.e. beyond 20 years), and takes into account uncertainties pertaining to these time horizons. This scenario analysis needs to be consistent with the lifespan of the company's activities, infrastructure, projects and investments, and appropriate to its needs. | | <ul style="list-style-type: none"> The company has built up a consistent set of climate data from reliable data sources. It establishes state-of-the-art projections across a range of future climate scenarios and a variety of sources. The analysis covers the medium term and the long term (i.e. beyond 20 years) as defined in indicator 1.1. It takes into account uncertainties pertaining to these time horizons (consistently with the lifespan of the company's activities, infrastructure, projects and investments, and appropriate to its needs). |
| 0,75 | 0,875 | 1 |

Where does ACT Adaptation stand compare to other frameworks?



| Indicator | CDP | TCFD | EBRD | ISO 14090 | ISO 14091 | EFRAG | Taxonomy | UBA |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1.1 Strategic objectives over the different time horizons | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 1.2 Adaptation leadership and responsibilities | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 2.1 Coherence with external adaptation strategies | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 2.2 Working/Dialogue with interested parties | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 3.1 Do No Significant Harm Principle | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 4.1 Climate data and scenarios | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 4.2 Inclusion of all critical components of the value chain | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 5.1 Risks | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 5.2 Opportunities | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 6.1 Decision-making processes | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 6.2 Internal learning system | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 6.3 Diversification of activities | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 7.1 Financial capacity | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 7.2 Mainstreaming of climate adaptation into investment decisions | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 8.1 Technologies and nature-based solutions for adaptive capacity | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 9.1 Competences and expertise | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 9.2 Trainings and capacity building | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |
| 9.3 Adaptation measures to working conditions | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt | Alignment with ACT adapt |

Only covered by ACT Adapt
 ACT adapt goes further
 Alignment with ACT adapt

Feedback from companies engaged in adaptation to climate change

A woman in a white shirt and dark shorts is hiking up a grassy mountain ridge. She is wearing a backpack and has her hair blowing in the wind. In the background, a man in a blue shirt and a cap is also hiking. The scene is set against a dramatic sunset sky with soft, golden light and scattered clouds. The overall mood is one of outdoor adventure and resilience.

Enhance Climate Resilience Among People, Communities and Business.

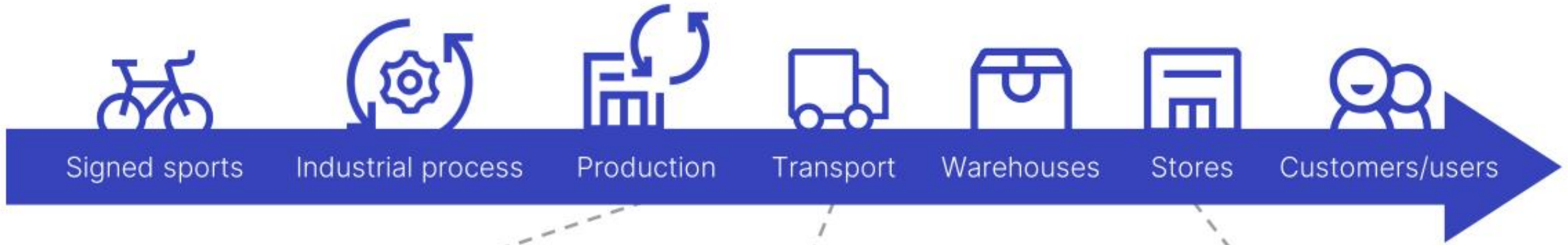
Jason Tan | Climate Adaptation Leader

Feb 8th, 2024

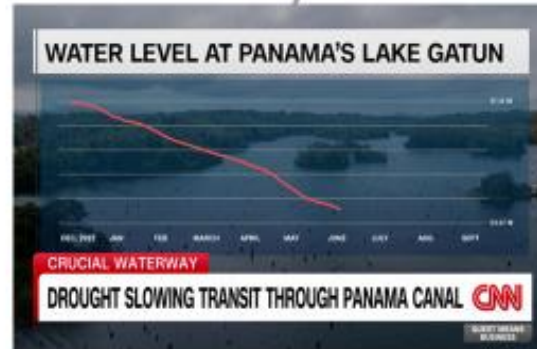
Climate Chance Europe 2024 Wallonia Summit

DECATHLON

The Physical Risks of Climate Change



China's heat wave leads to record-breaking production of electricity and leads to production disruption.



An 'unprecedented drought' is affecting the Panama Canal. A shipper recently paid \$2.4 million for a winning bid to jump the queue (Sep 6, 2023).



Flood in Decathlon store in Miskolc (Hungary)

The Feedback of ACT Adaptation Methodology

Comprehensive
scope and
components



5 levels of
performance per
indicator



Combining
different
standards/frame
works



Less emphasis on
transition risks



Examples

4.1 CLIMATE DATA AND SCENARIOS

"It aligns with the company's level of sophistication in analyzing climate data, accounting for weather variability and projecting scenarios, all within the parameters and limits, and across various time frames"

8.1 TECHNOLOGIES AND NATURE-BASED SOLUTIONS FOR ADAPTIVE CAPACITY

"This indicator evaluates the company's technical advancement by examining the presence and accessibility of technological and nature-based solutions to enhance its ability to adapt to recognized physical risks and opportunities tailored to its unique requirements."

Other feedback from companies



- ***In business, how to engage in a journey of adaptation to climate change?*** Selection of 30 testimonials from French companies that have started to adapt to climate change.

Feedback guide available in French [now](#)

And soon in English

- **Company feedback videos** : from companies that participated in the ACT

Adaptation road test, in french

- [Worldline](#)
- [Séché Environnement](#)
- [EDF](#)

Join the Klaxoon !



Aller vers

app.klaxoon.com

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Exchanges & Conclusion !



THANK
YOU!