

Climate Nexus Framework Convention 2025 - 2030

Knowledge and tools to make Luxembourg “Climate ready”



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Environnement, du Climat
et de la Biodiversité



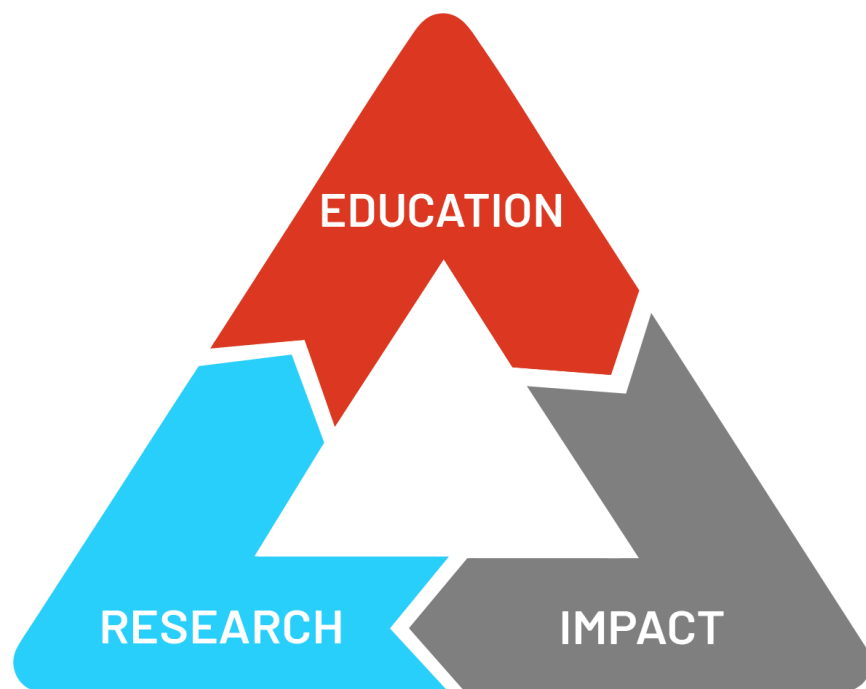
Press conference

24th July 2025

Mission and Focus areas of the University

Strategy framework

2020→2039



Climate Nexus Convention 2025-2030



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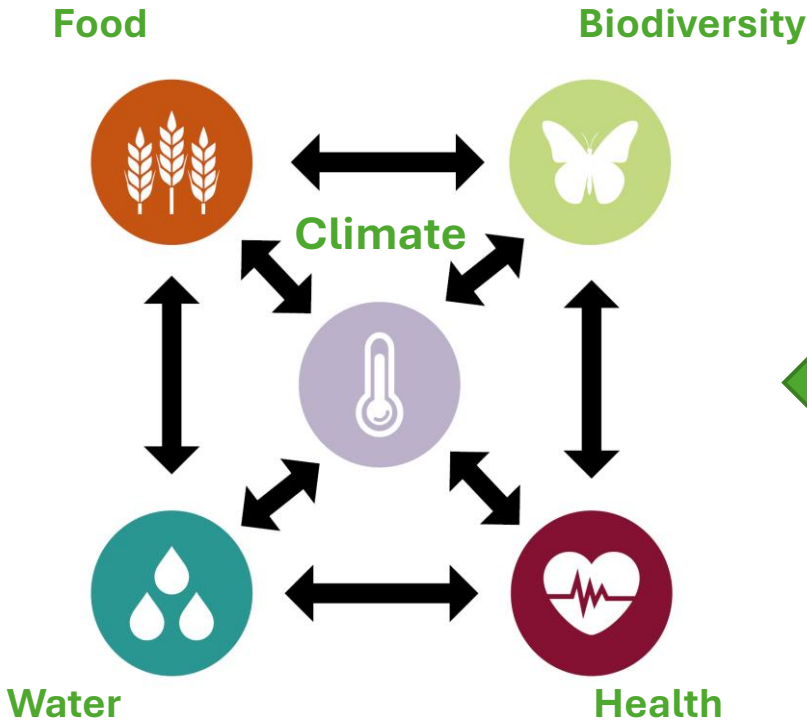
NEXUS

Strong Interlinkages between Climate, Health, Biodiversity, Water, Food & Societal challenges and Sustainable Development Goals

SERGE WILMES

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«Le changement climatique est là
et touche le Luxembourg»



Solve interlinkages & complexity of systems

“Climate Readiness” pillars across UL



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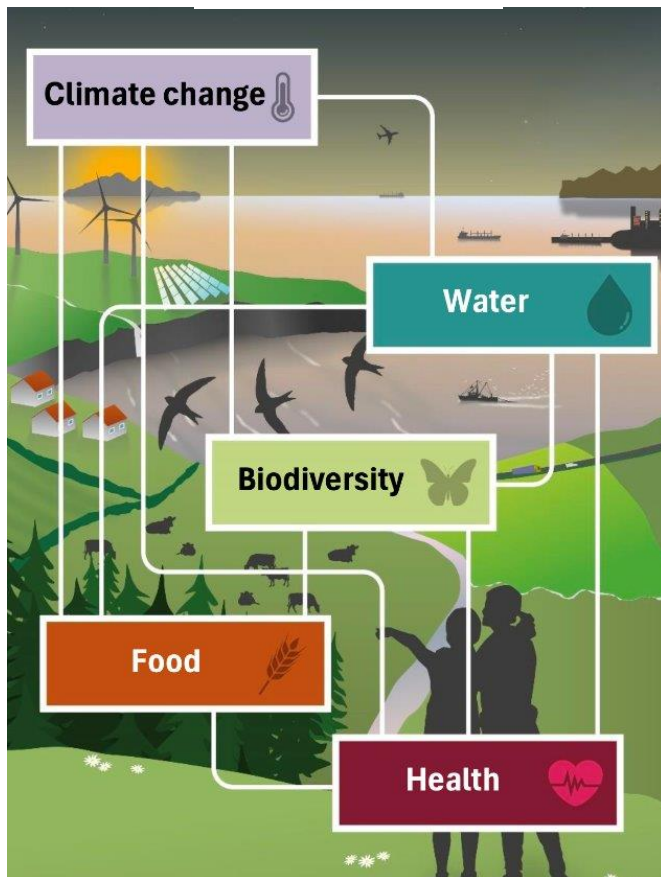
- 1. Social Readiness** – Encourages citizen science, participatory governance (e.g. *Klima Biergerrot*), sustainable lifestyles, policy framework, and youth engagement (*Scienteens Lab and Academy for school students*).
- 2. Institutional Readiness** – Leverages socio-environmental data to enhance climate services and monitor chemical risks worsen by climate change.
- 3. Technological Readiness** – Supports Luxembourg's goal of climate neutrality by 2050 through research and pilot projects on carbon capture, utilization, and storage (CCU/S) (*Innovative recycling of concrete, CO₂ DST*).
- 4. Global Readiness** – Contributes to the IPCC's 7th Assessment Cycle on mitigation and fosters partnerships with the Global South, in line with Luxembourg's international climate finance strategy.
- 5. Academic Readiness** – Advances interdisciplinary research and sustainability education across university study programs (*Introductory course on sustainability*).
- 6. Climate Nexus Across Disciplines** – Offers a flexible framework to address emerging crises and establish adaptive priorities.

“Climate Readiness” pillars across UL



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A determinant convention between MECB and UL to provide the knowledge and tools to make Luxembourg “Climate ready”

- **tailored for Luxembourg society** combining selected adaptation and mitigation measures
- **Aligned with Luxembourg’s national strategies**, the Paris Agreement and the UN 2030 Agenda
- **embedded in global efforts to combat climate change** Connects local action to global science-policy platforms, eg IPCC, IPBES
- **Fosters sustainability literacy** specifically on “Climate Readiness”

IPCC: Intergovernmental Panel on Climate Change

IPBES: Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services