

The SNCF Group's adaptation to climate change: a necessity for the robustness of the rail system

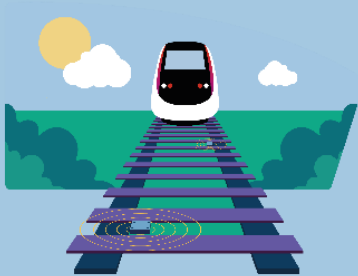
Xavier BONNET

Climate Change Adaptation Project Manager at the SNCF Group

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MAJOR RISKS AND CHALLENGES FOR THE GROUP

For safety,
quality and
Continuity of
service



For agents and
work
organization



2

For the
Group's
economic
balance



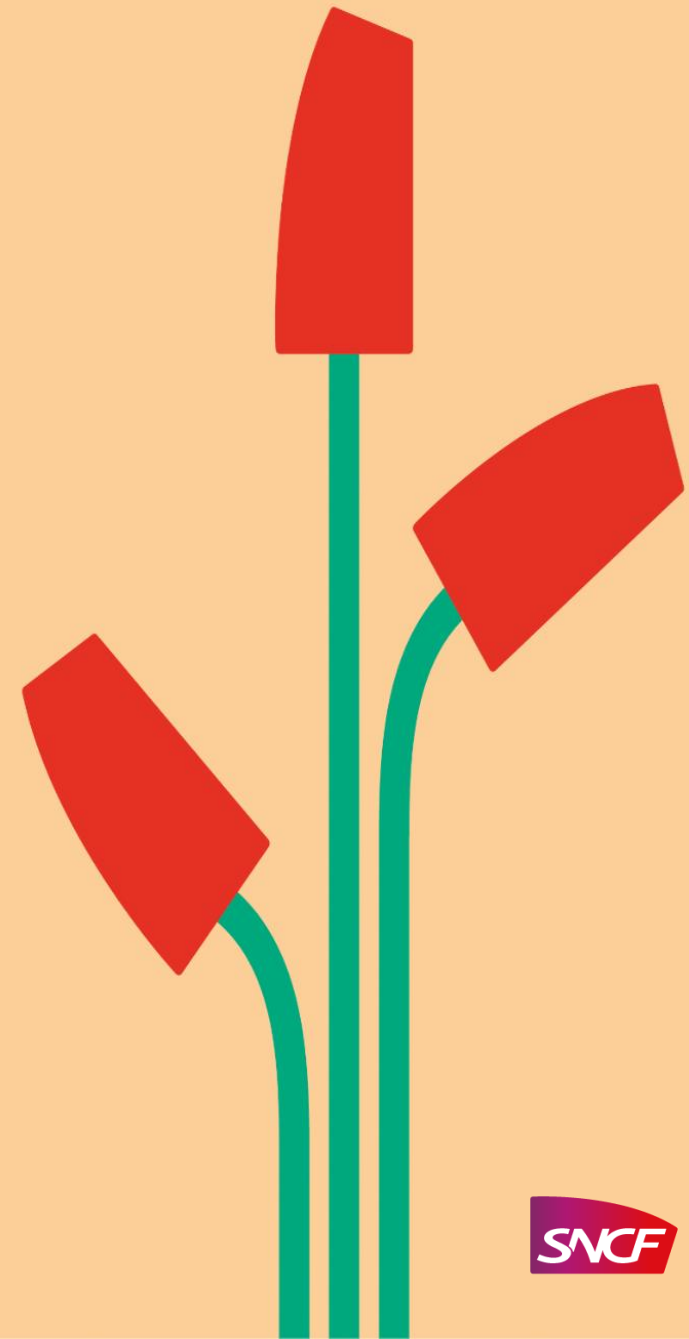
**One of
the 12
major
risks for
the
Group**

AN INSTITUTIONAL FRAMEWORK

- France has a National Climate Change Adaptation Plan and the **TRACC**
- **Taxonomy**: CAPEX alignment rate
- **CSRD**: double materiality

A METHODOLOGICAL AND OPERATIONAL FRAMEWORK

- **Unified Methodological Framework**: 2030-50-100, climatic hazards
- **A system approach**: methodological experimentation and a tool in progress
- **A financial framework**: Group strategic plan
- **Animation of a club of major operators** essential to the economic life of the country and in close interdependence
- **Deliverables** expected, presented and validated in Group comitology



ADAPTATION STRATEGY OF THE SNCF GROUP

Principles to remember

Maintaining 100% of the current service at a reasonable cost seems illusory

Maintenance and renovation investments improve resilience, but will remain insufficient in hot weather

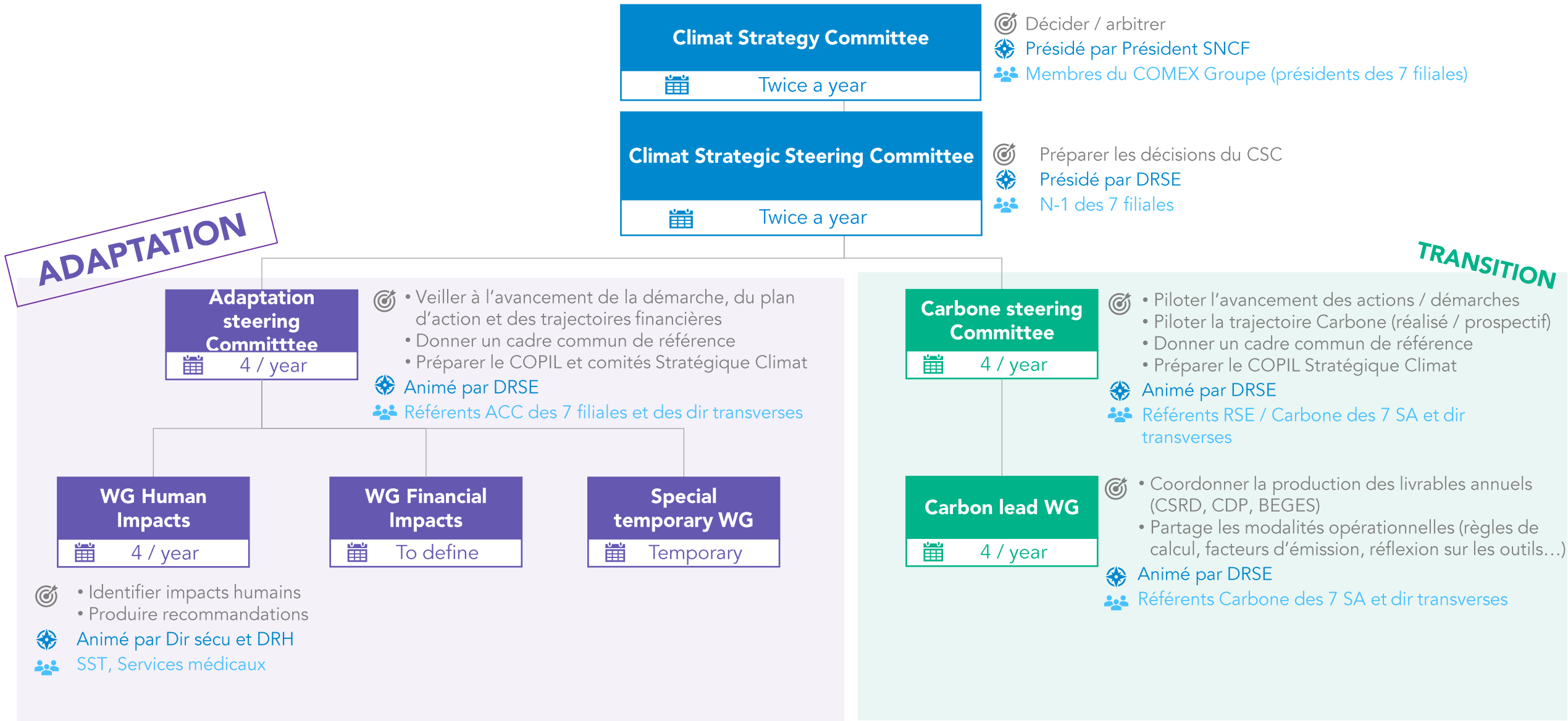
Costs that are difficult to estimate, depending on the level of warming and the expected level of service

Three levers



Levers to be used in order of merit: better cost-benefit ratio

GROUP CLIMATE GOVERNANCE *(in french)*



IMPORTANT MILESTONES HAVE BEEN REACHED

GOVERNANCE – DEDICATED TEAMS – RISK MANAGEMENT

VULNERABILITY STUDIES (2030 – 2050 – 2100)

A WORKING GROUP DEDICATED TO WORKING CONDITIONS UNDER DEGRADED CLIMATIC CONDITIONS.

ADAPTATION STRATEGIES AND ROADMAPS, INVESTMENT TRAJECTORIES, DELIVERED TO THE STATE

AN INTEGRATED APPROACH AT THE RAILWAY GROUP LEVEL

CONTINUOUS DIALOGUE WITH INSURANCE COMPANIES

FIRST SOLUTIONS CATALOGS

BUT THERE IS STILL A LONG WAY TO GO



Inclusion of adaptation in strategic plans



Working with stakeholders to agree on funding and service levels



Downscaling at the territorial level



Increased awareness of staff and suppliers