

Using NGFS scenarios for climate scenario analysis

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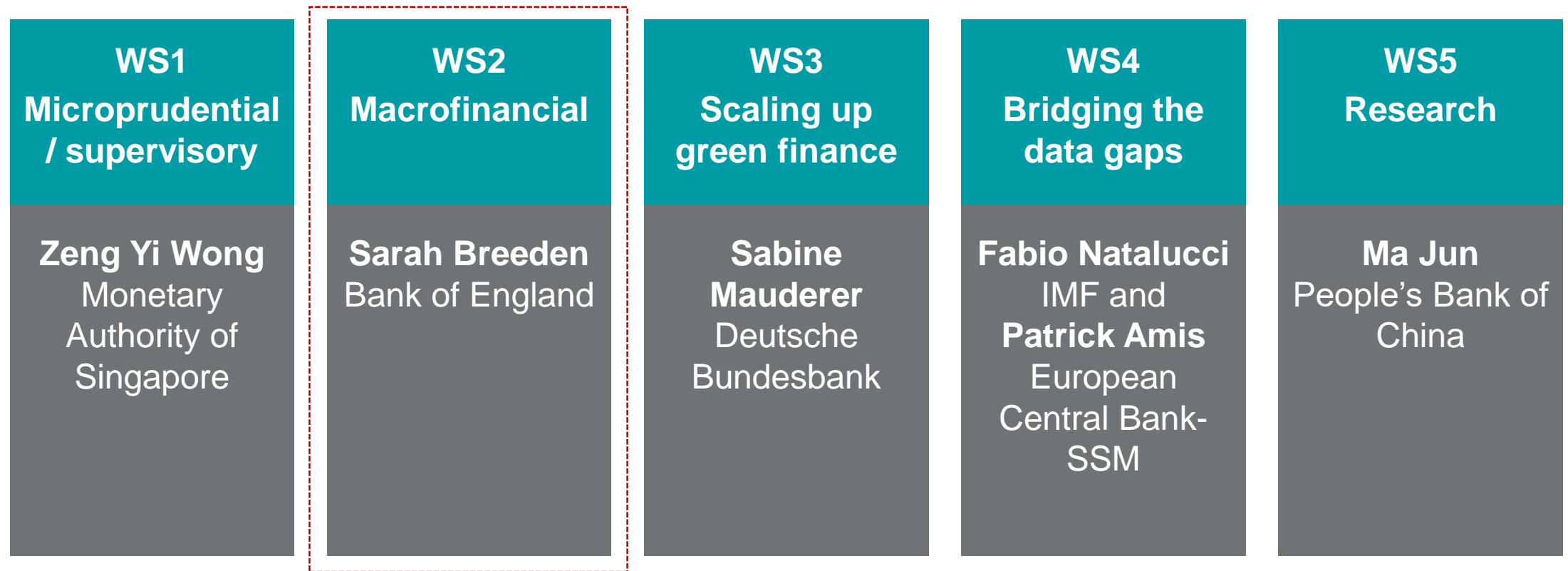
Chair's team, NGFS WS2

About the NGFS



- **84 members and 13 observers**
over 5 continents
- **A coalition of the willing**
- **NGFS Chair:** F. Elderson
(De Nederlandsche Bank)
- **NGFS Secretariat:** M. Després
(Banque de France)

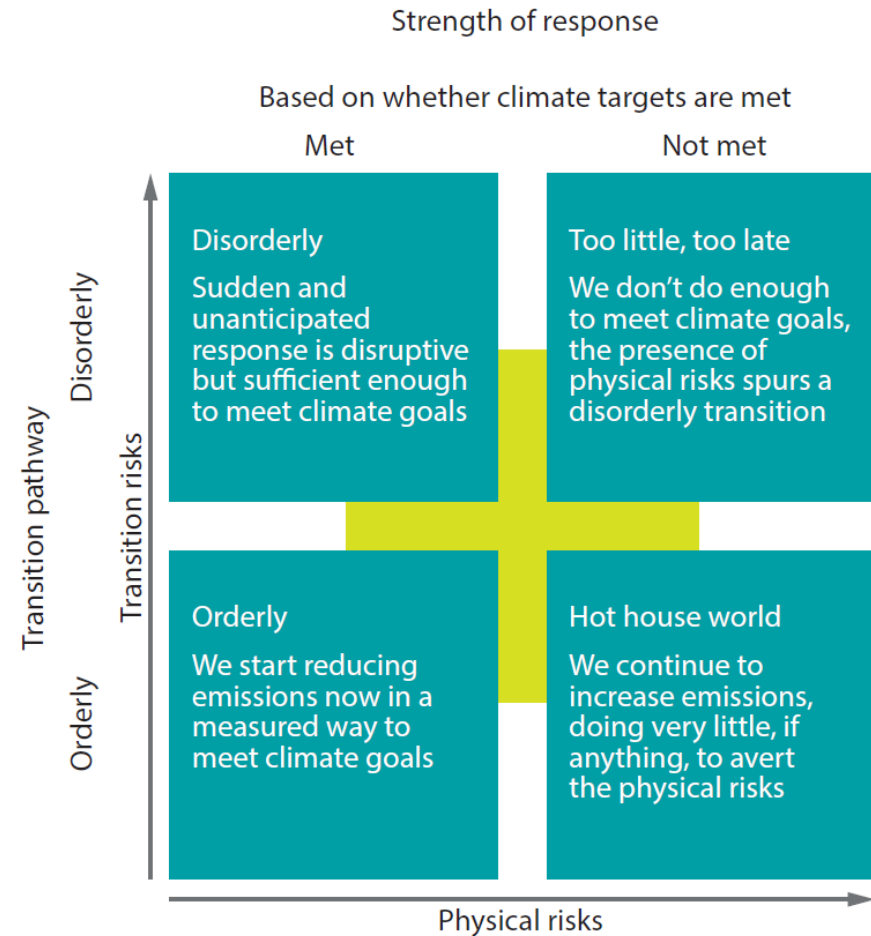
Structure of the NGFS



NGFS scenario framework (April 2019)

The NGFS scenario framework structures climate scenarios along two axes:

- Climate outcome
 - E.g. level of warming: 1.5°C, <2°C, >3°C
- Transition pathway
 - Timing, type and strength of policy interventions
 - Innovation in technologies
 - Changes in consumer and investor preferences

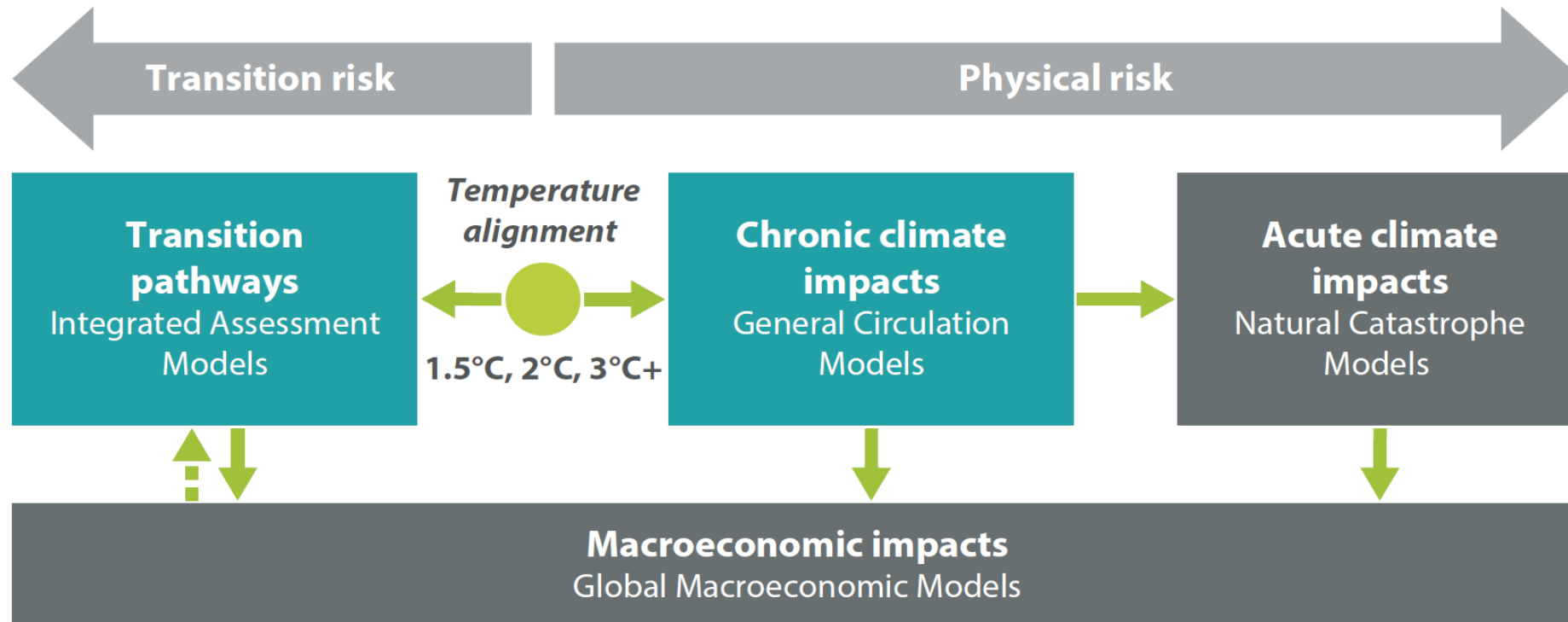


Source: First NGFS Comprehensive Report

From framework to scenarios

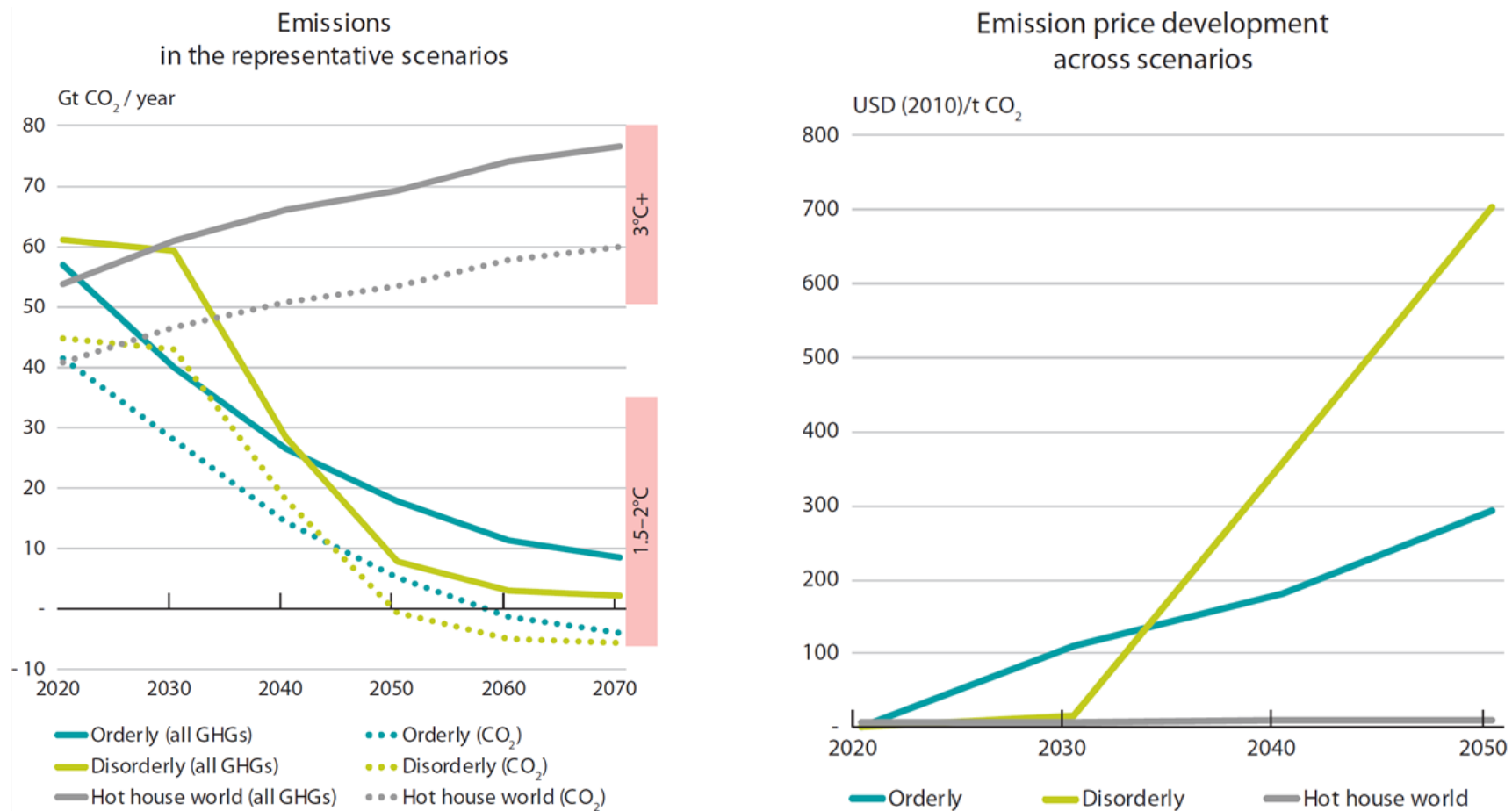
In June 2020 we published a first set of scenarios in line with our framework and in partnership with academic research institutions

NGFS suite of models approach



Source: NGFS climate scenarios for central banks and supervisors
Link: <https://www.ngfs.net/en/publications/ngfs-climate-scenarios>

The representative scenarios in two charts



Source: NGFS scenario portal

Wider use of the NGFS scenarios & next steps

- The NGFS scenarios can provide a common reference framework for any climate scenario analysis and any forward looking disclosures
- The NGFS will continue to work with a consortium of academic partners to refine and expand the scope of the scenarios and share best practice
- To that end, we welcome engagement from everyone, not just central banks and supervisors

Proposed enhancements

Adding macroeconomic variables

Enhancing geographical resolution

Increasing sectoral granularity

Expanding the set of physical risks

Improving the NGFS scenario database and portal

