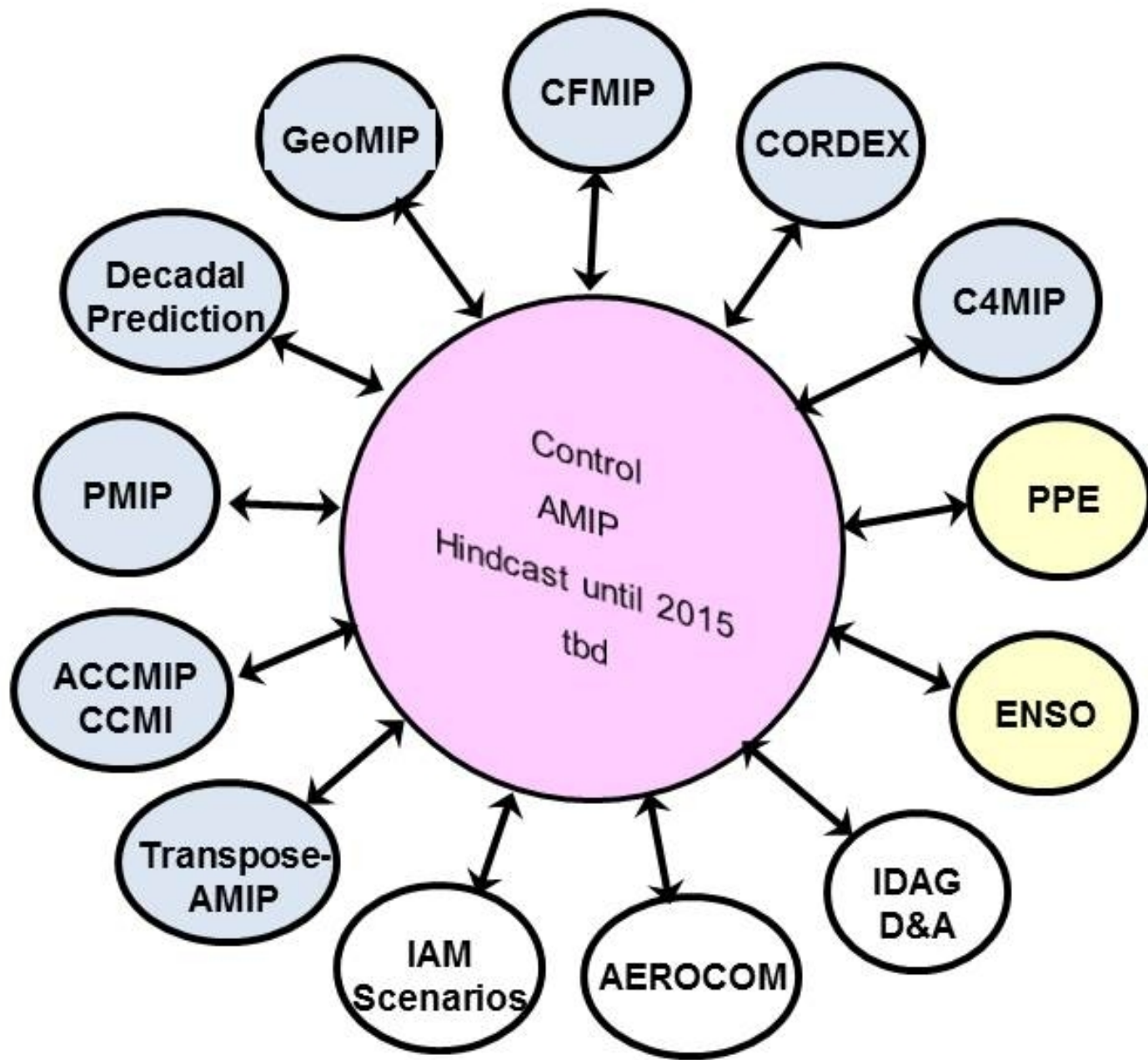
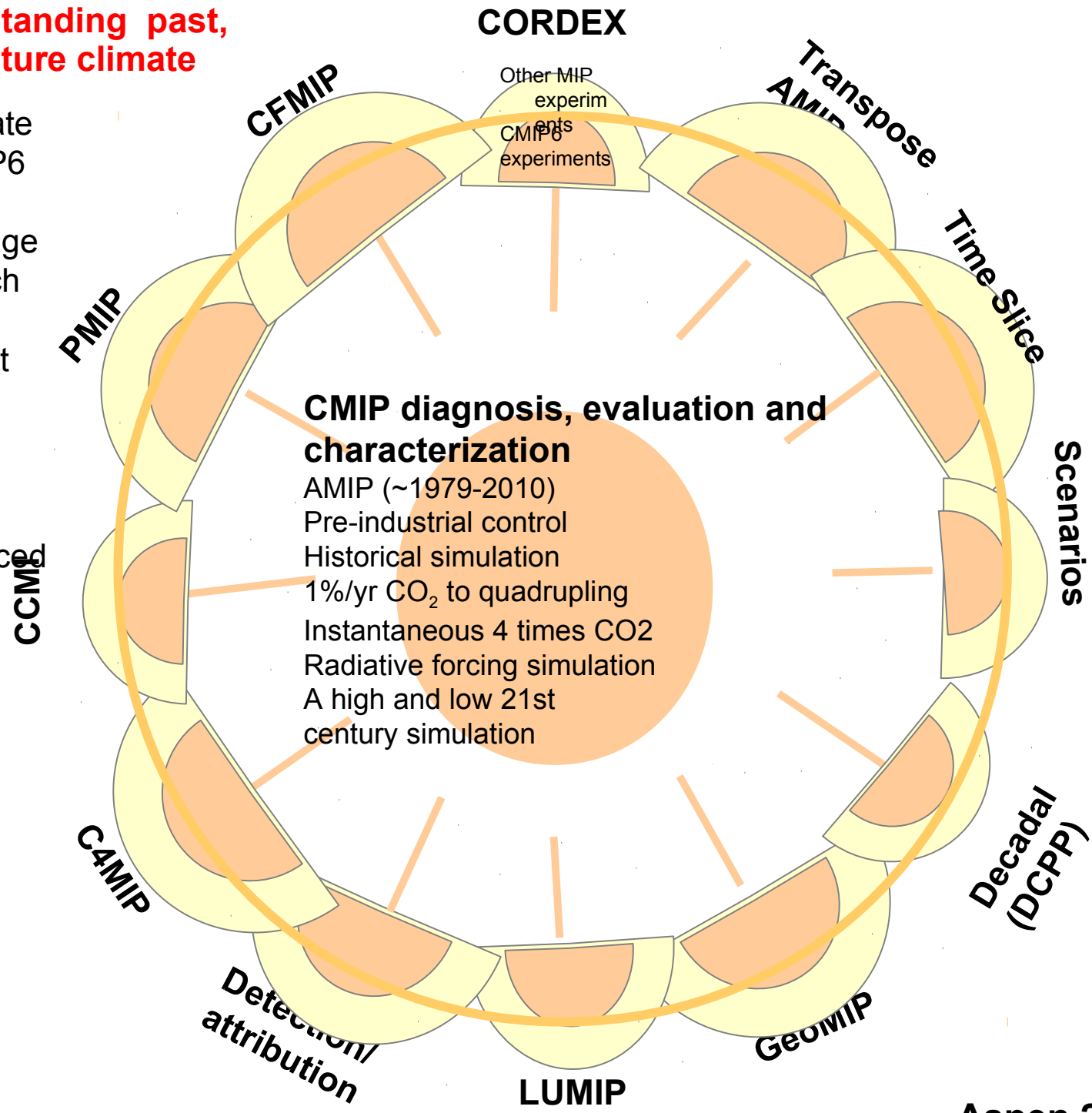


How will CMIP6 look like?



**CMIP and CMIP6:
Toward understanding past,
present, and future climate**

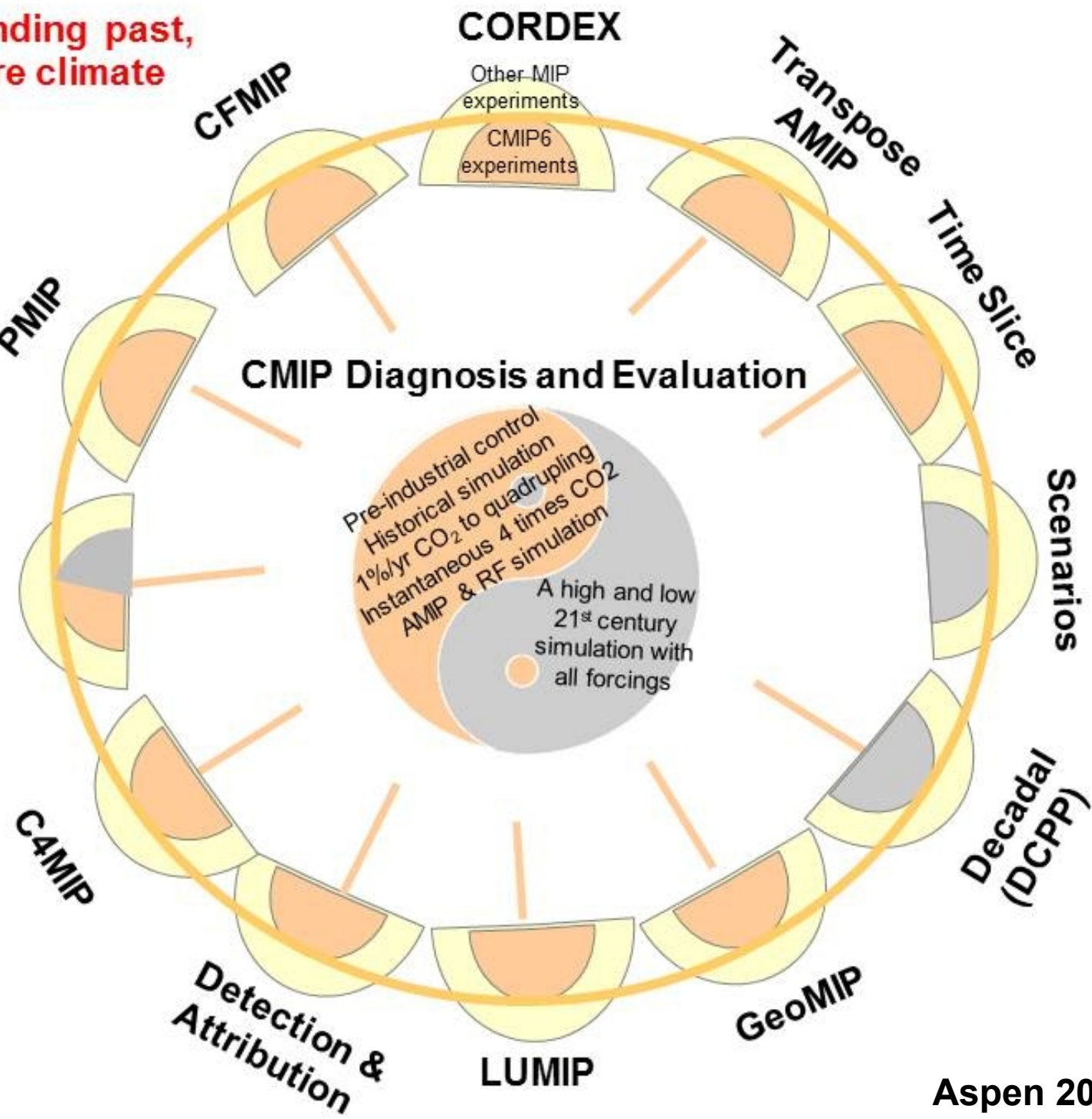
The MIPs designate which are CMIP6 experiments (inside the orange circle) and which are other experiments not part of CMIP6 (yellow)...and there could be additional MIPs (e.g. CORE-forced ocean, ENSO, etc.)



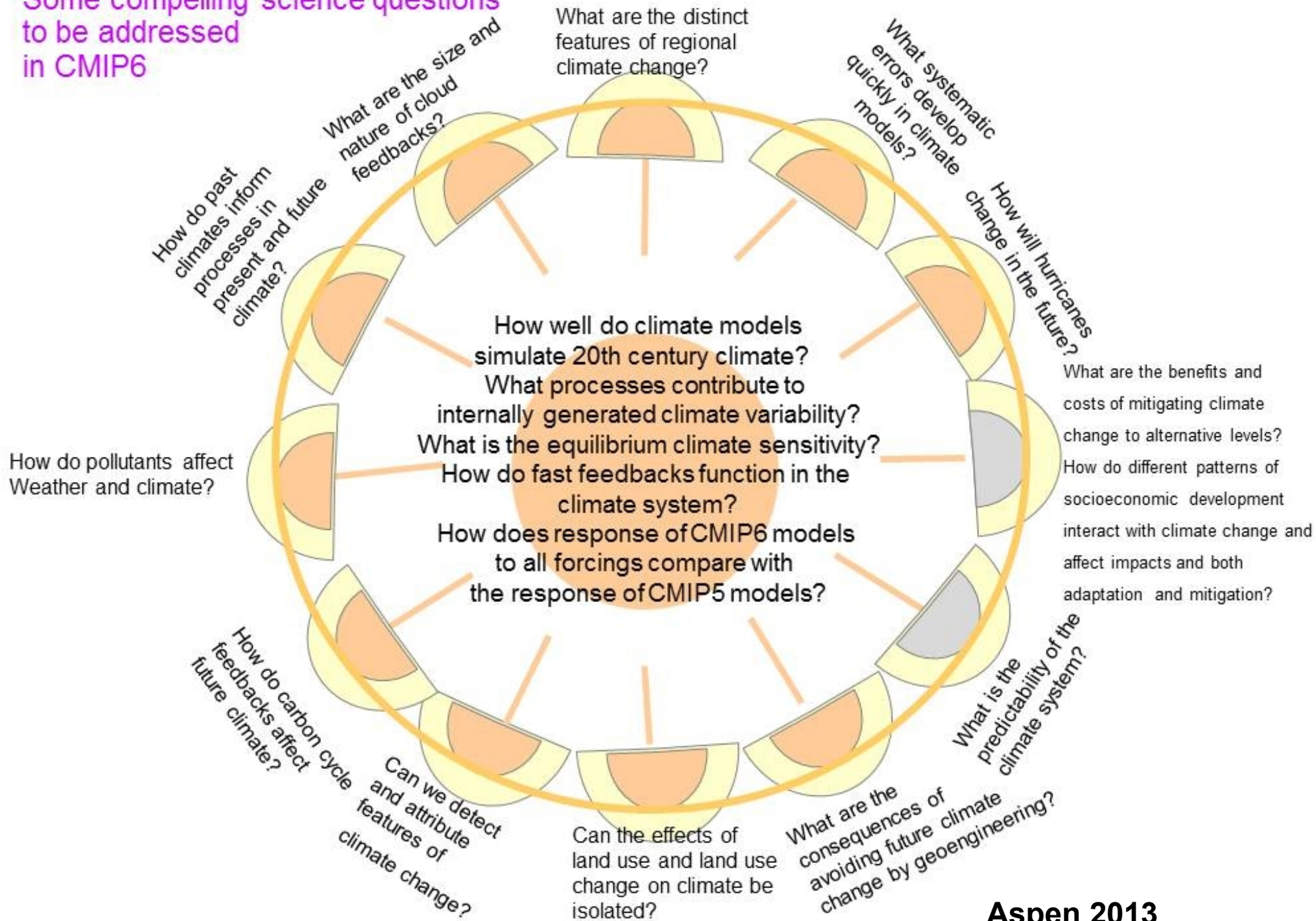
P6:
standing past,
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CCMI



Some compelling science questions to be addressed in CMIP6





CCMI

C4MIP

CFMIP

Time slice

Science and
apps:

PMIP

GeoMIP

Scenarios

Trans
AMIP

LUMIP

Decadal

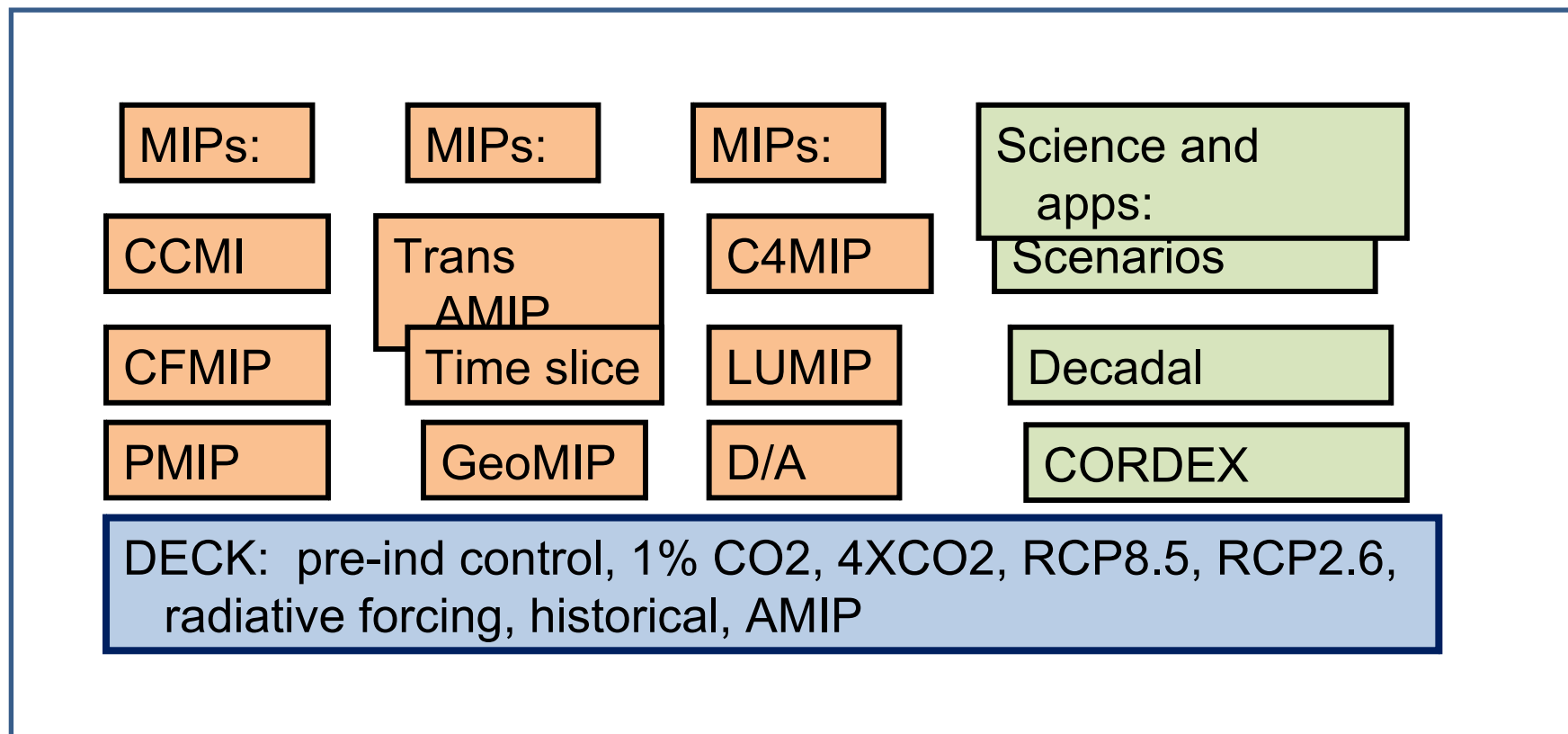
D/A

CORDEX

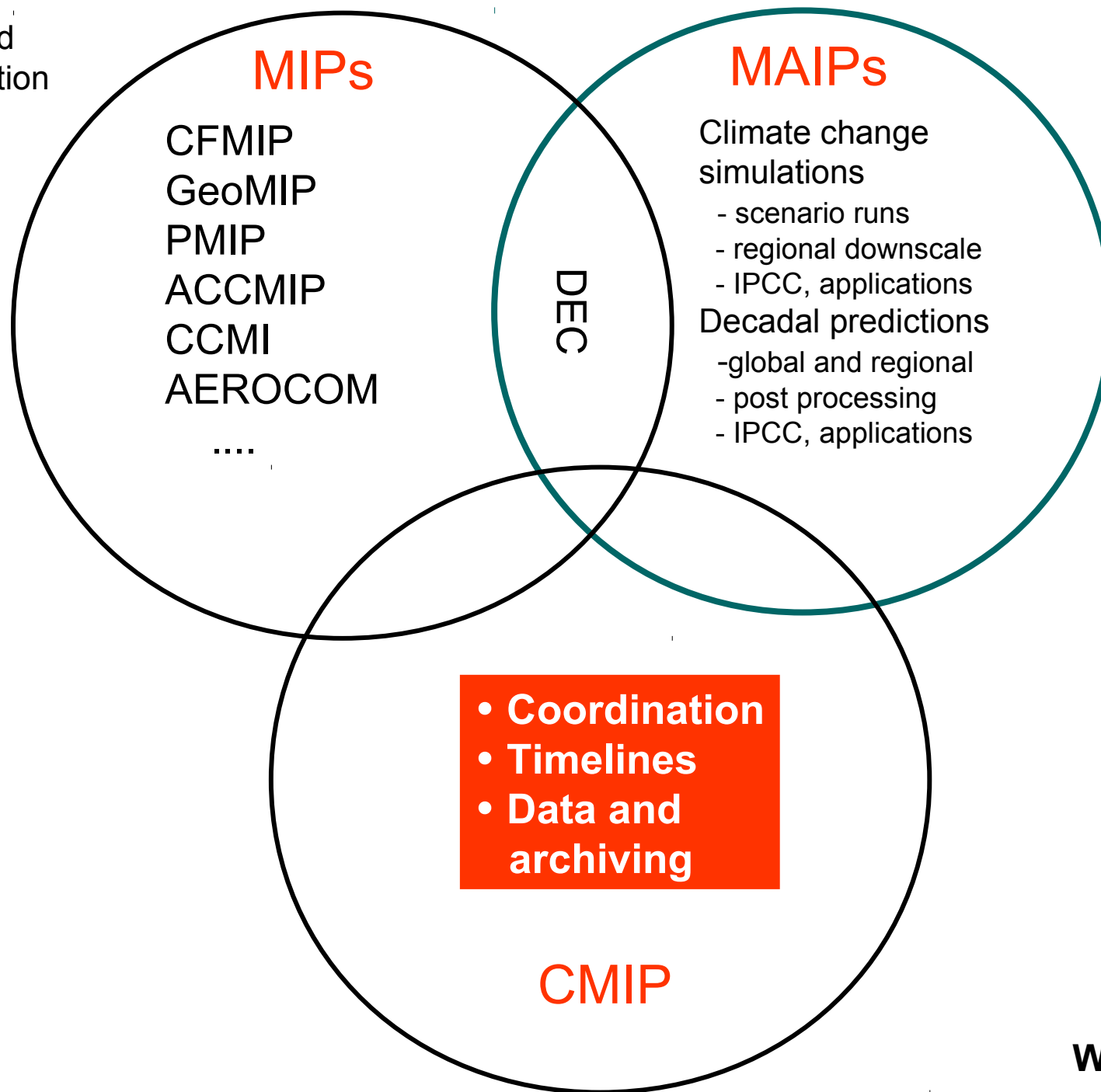
DECK: pre-ind control, 1% CO₂, 4XCO₂, RCP8.5, 2.6, radiative forcing, historical, AMIP

CMIP6: Toward understanding past, present and future climate

(Diagnosis, Evaluation and Characterization of Klima: DECK)

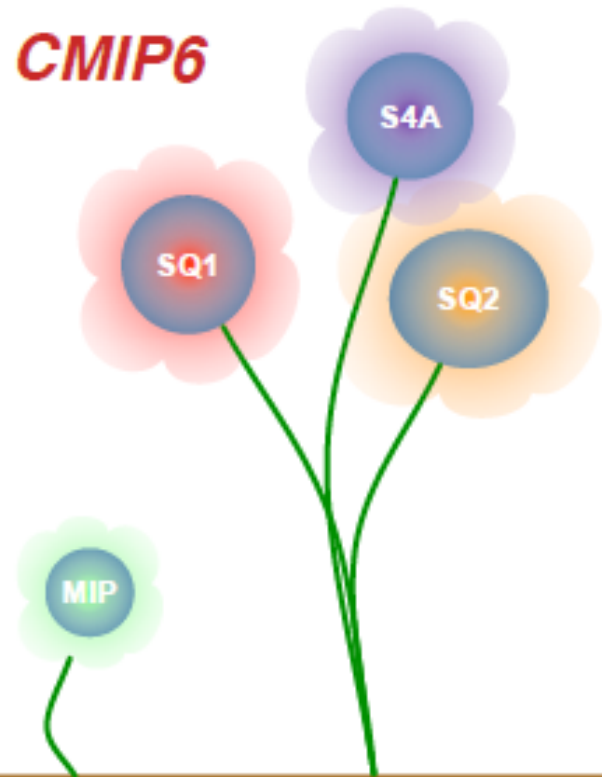


-Science and
next generation
of models

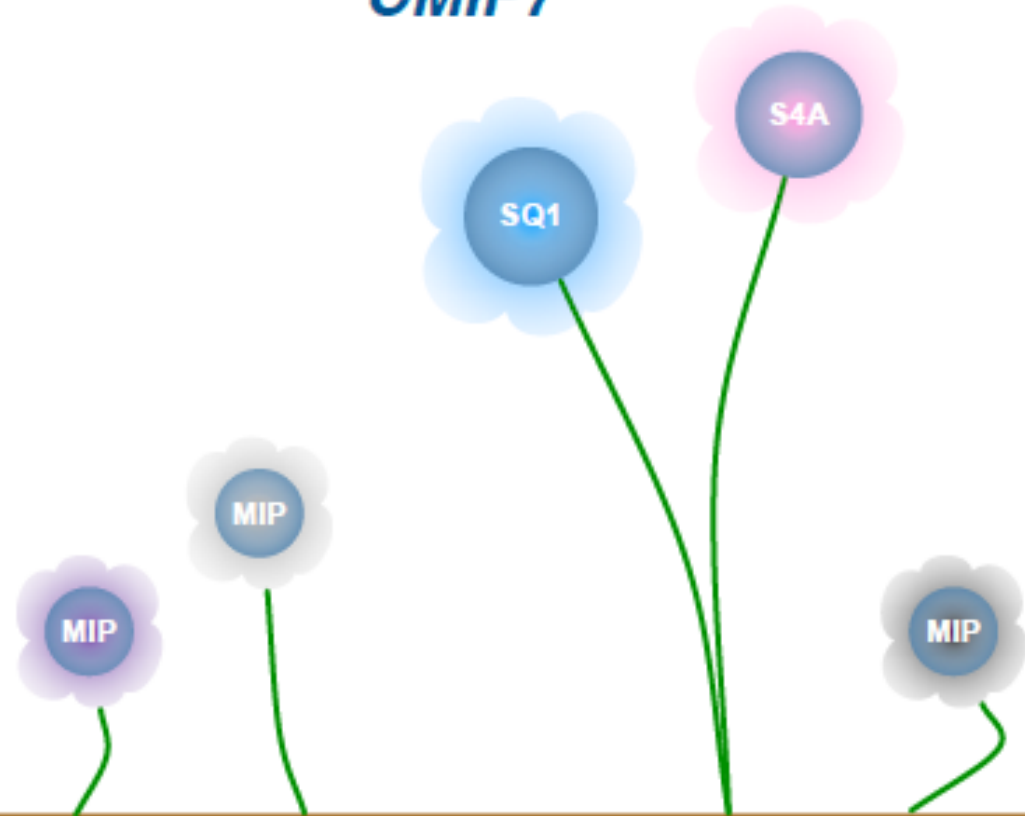


-Science and
service
-data for research
+ climate services
- timeliness

CMIP6



CMIP7

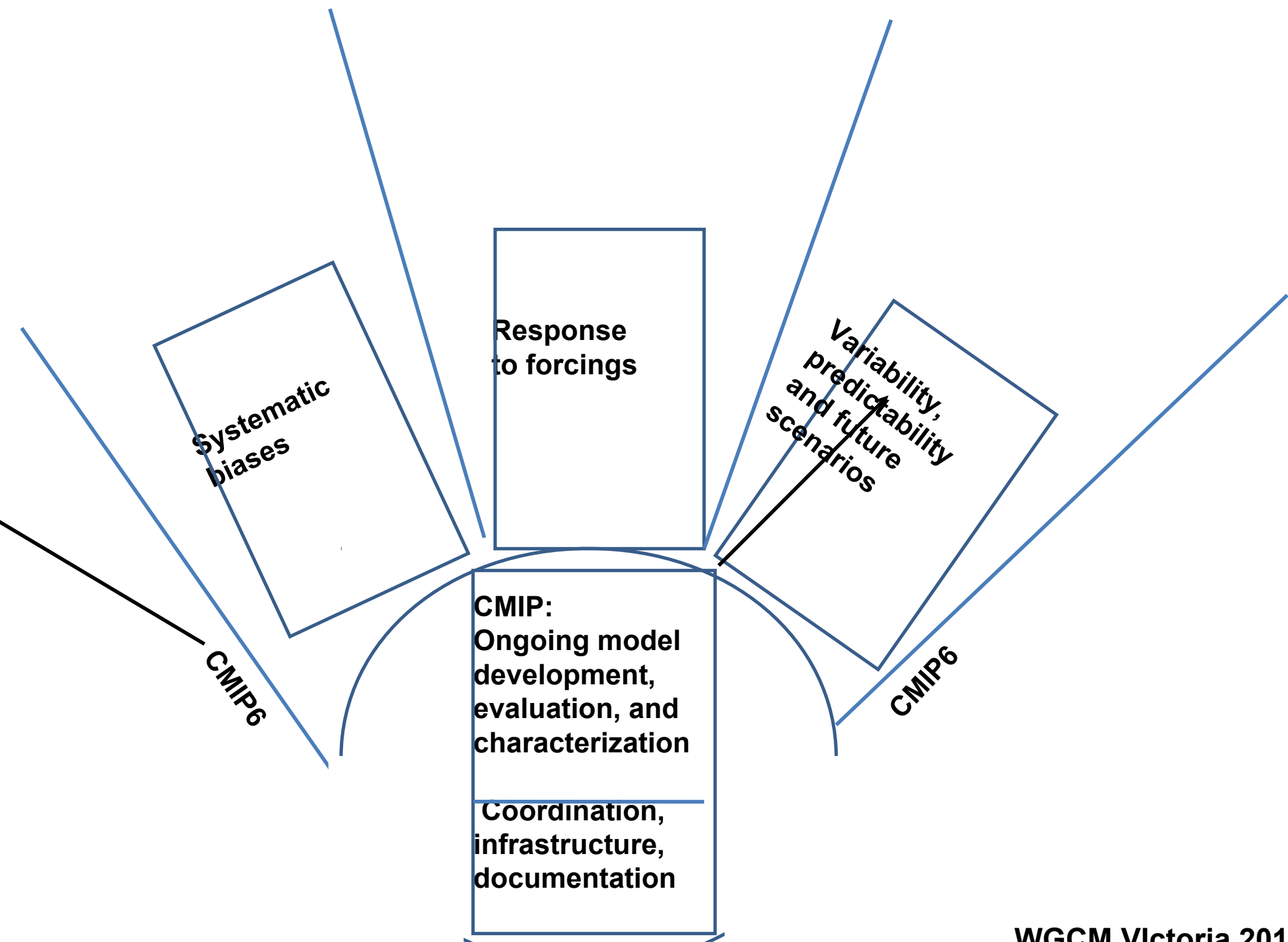


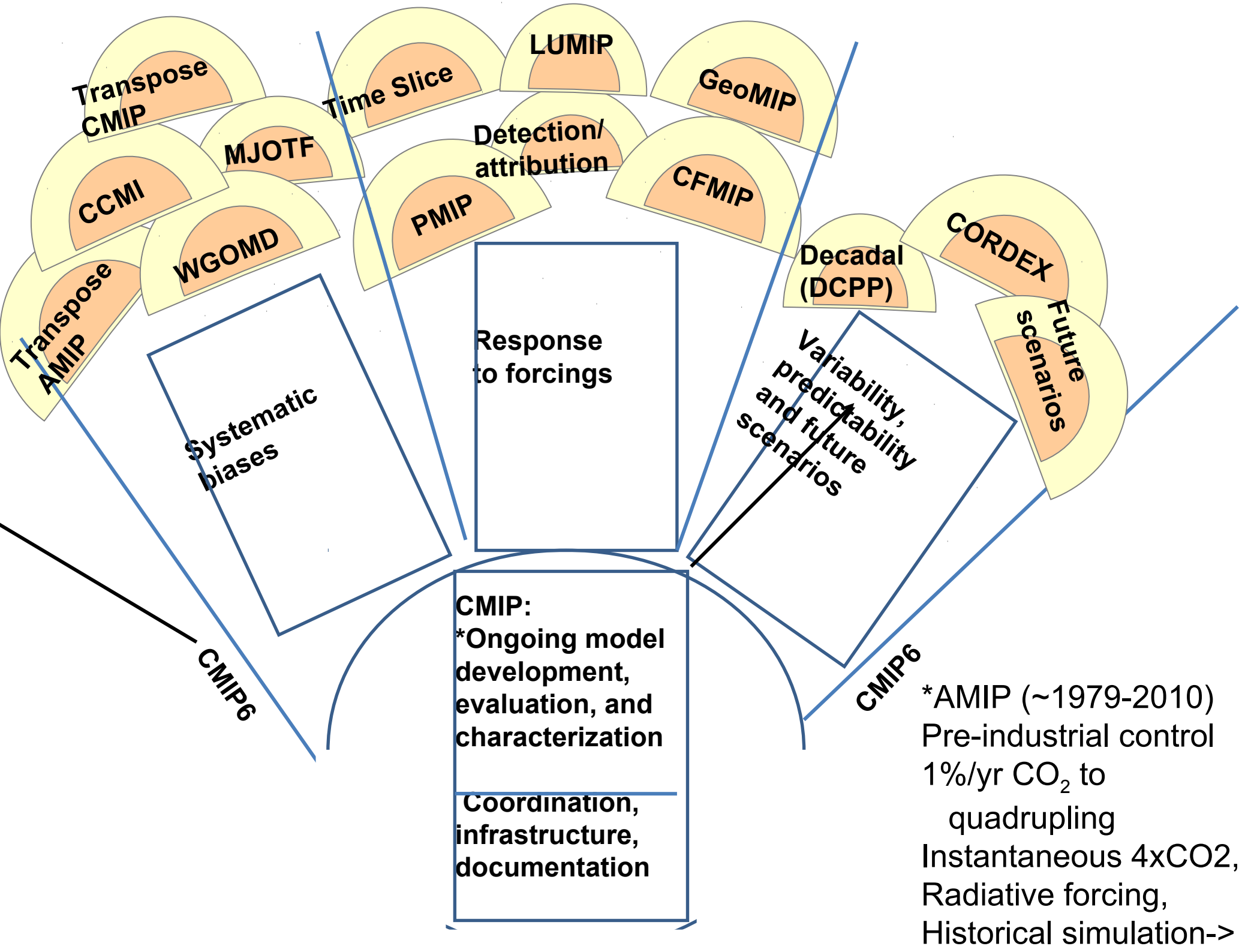
CMIP: Coordination, Timelines, Documentation, Standardization, DECK

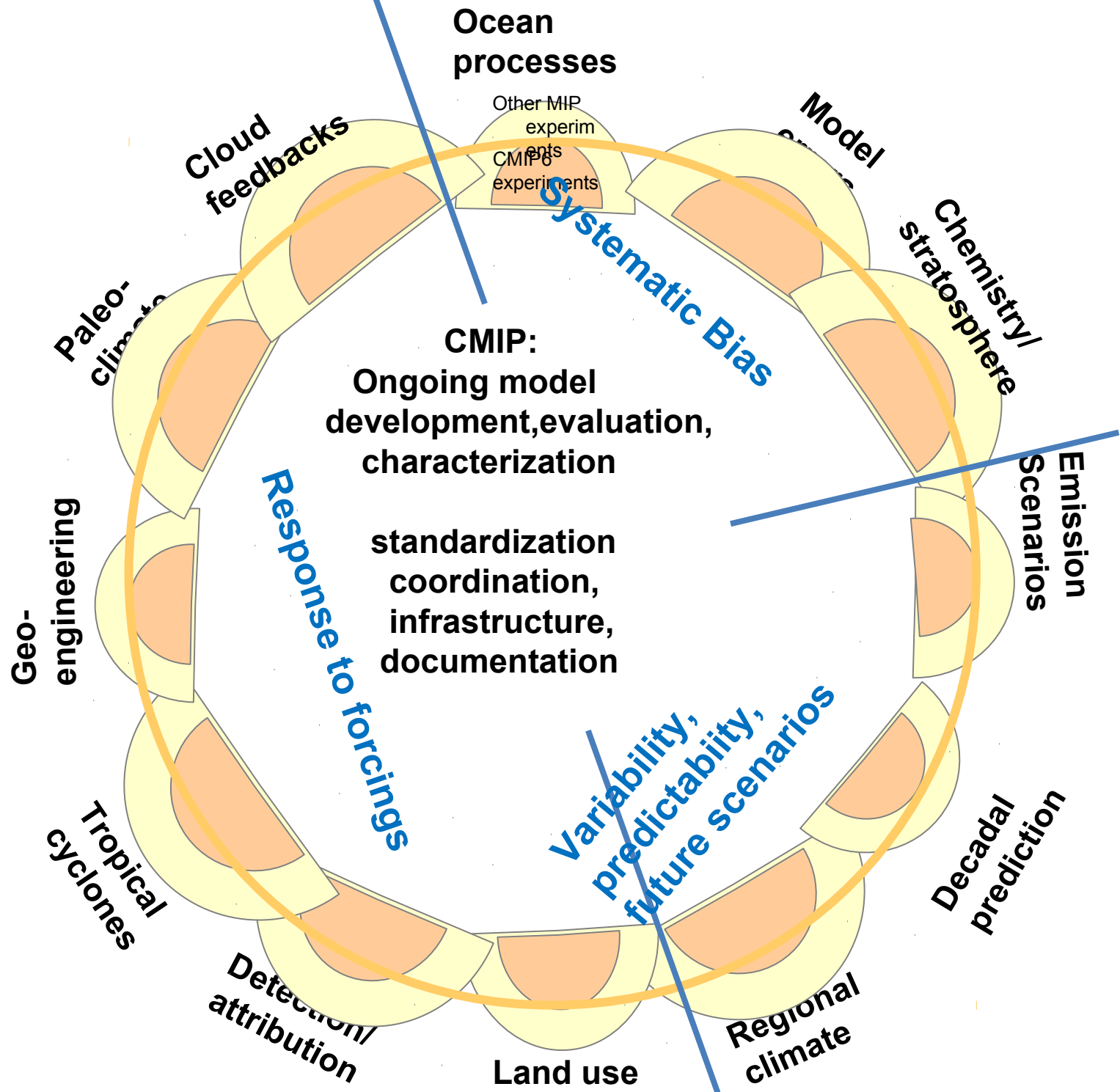
SQ1: Interpretation of systematic biases in coupled models;

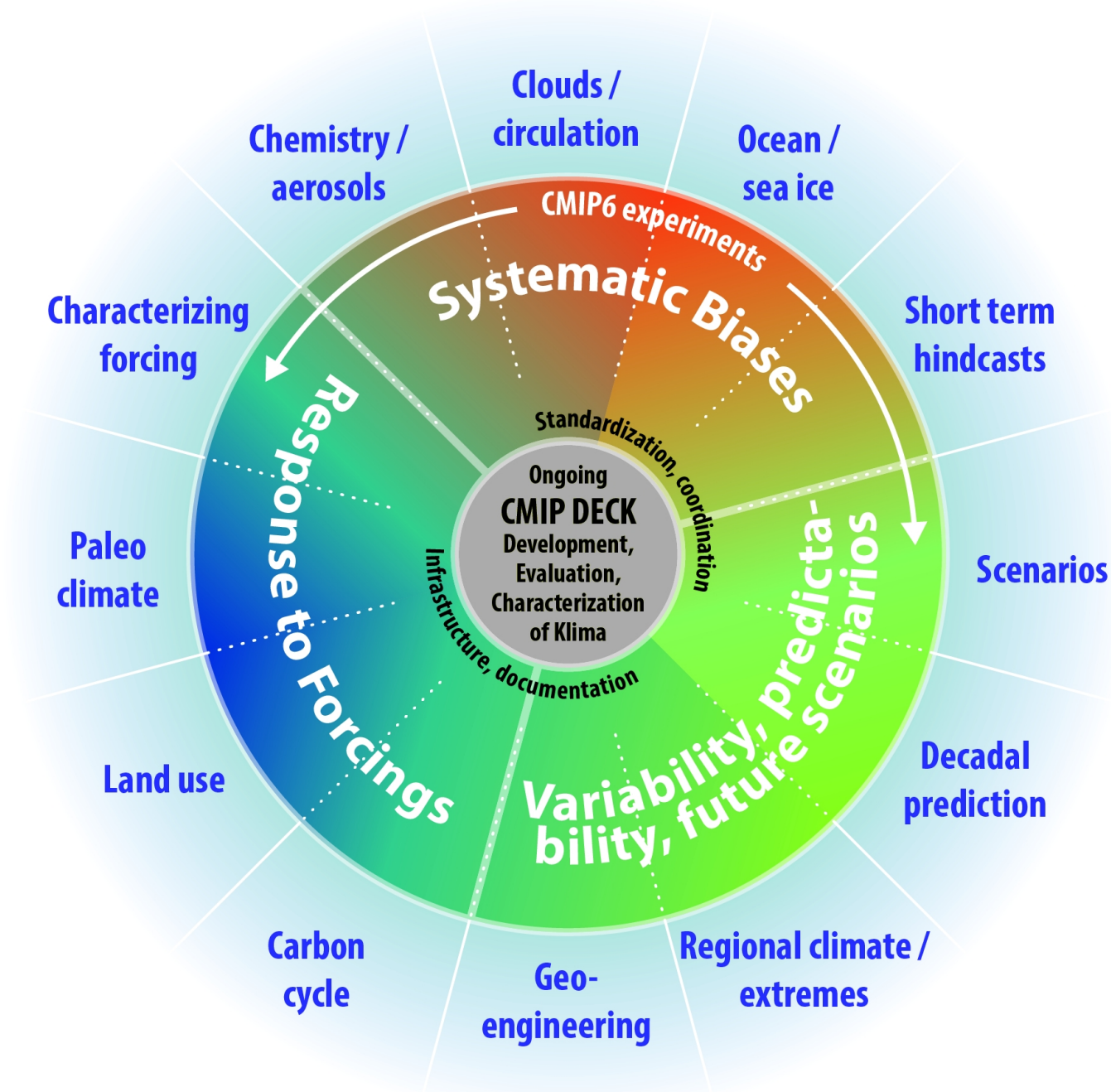
SQ2: Understanding the impact of forcings on the climate of the 20th and 21st century;

S4A: Science for applications

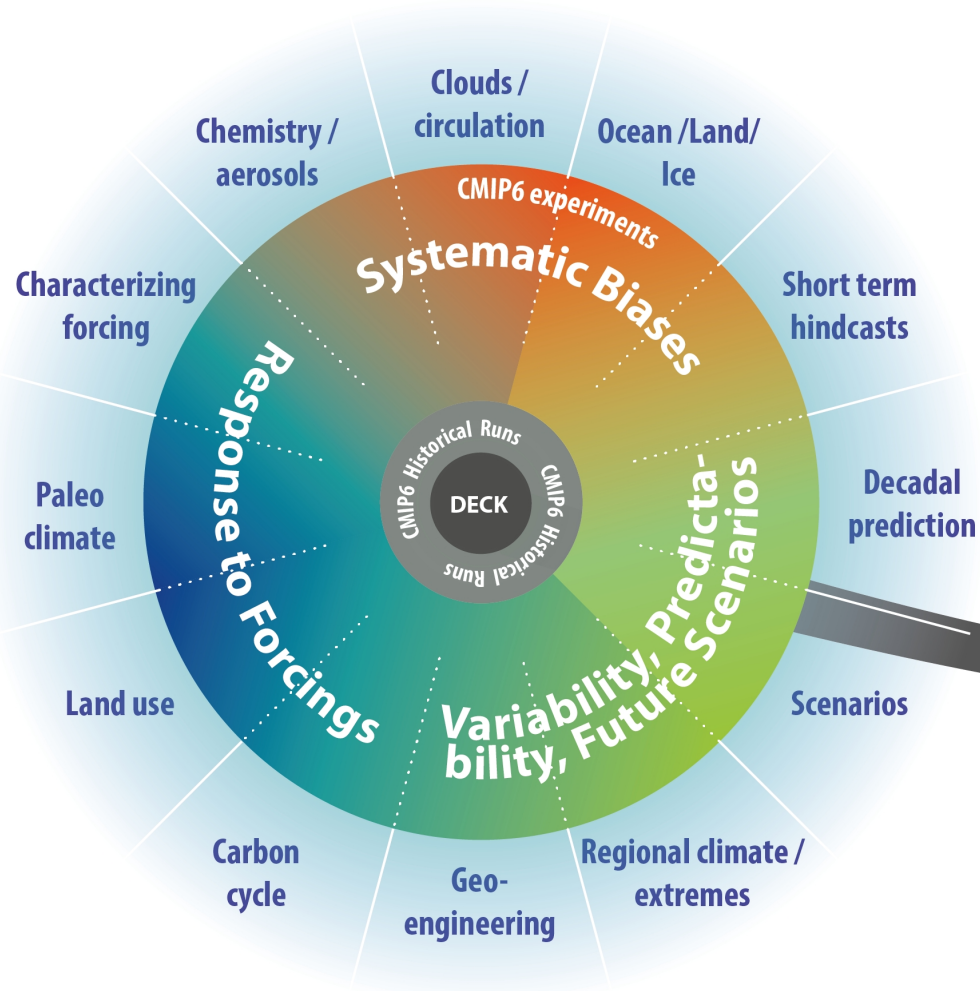




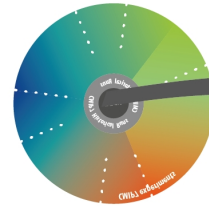




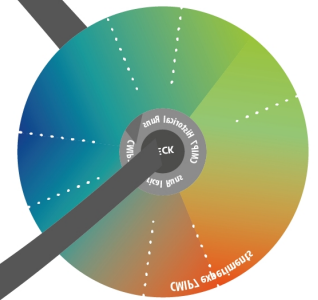
CMIP6



CMIP8

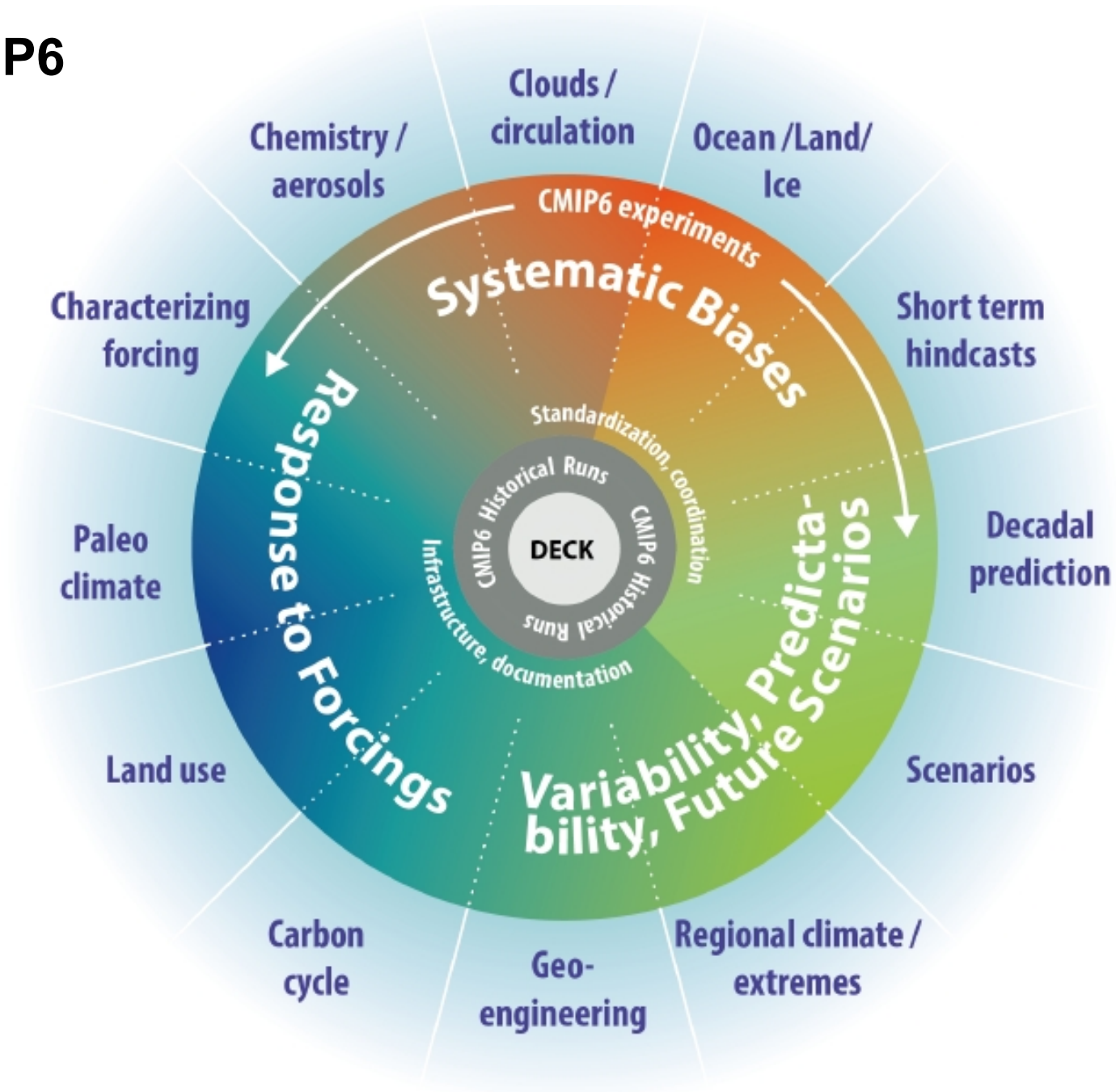


CMIP7



DECK

CMIP6



Many thanks to Veronika,
the CMIP Panel, WGCM members, modeling groups

Thank you **ALL** for your
very active and constructive participation.

Best Wishes to CMIP6!