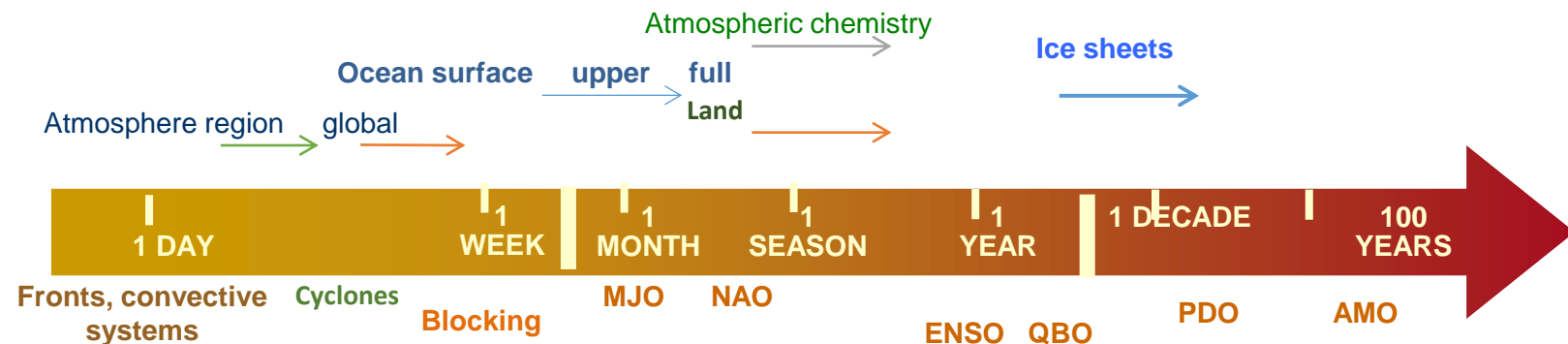# Towards Smart Practices – A Discussion ....and a path forward?

Developing case(s)/prototype(s) for smart practices-

given thresholds and cross-timescale climate events, need to link to regional/local monitoring ....

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"In many cases, a first step towards adaptation to future climate change is reducing vulnerability and exposure to present climate through low-regrets measures and actions emphasizing co-benefits"

Using observations, reanalyses and projections to inform thinking about and decision making for adaptation issues involves making many choices
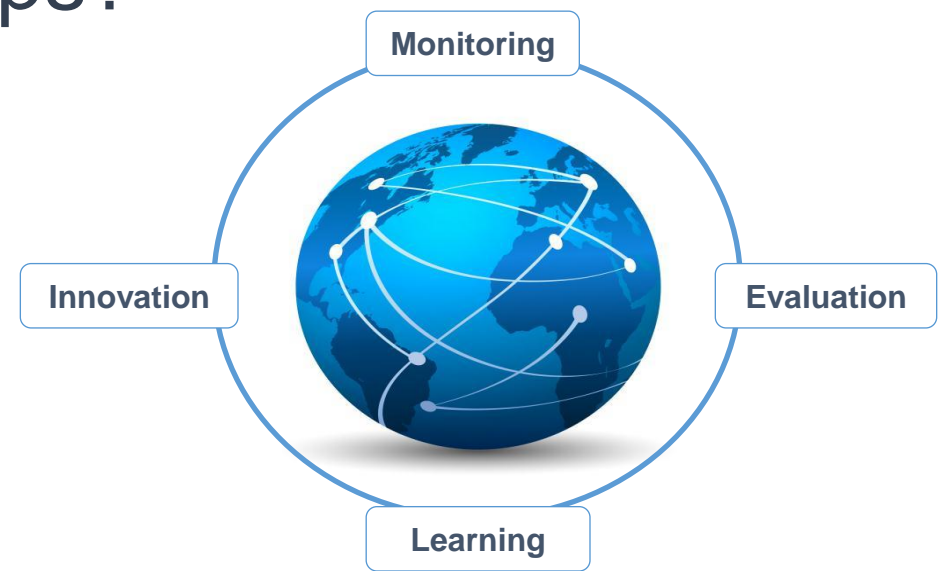
Based on the work that has been done so far, we'd like to foster a conversation among interested parties about approaches

Can we identify some areas of agreement for which draft smart practices might be developed, and to take such steps forward?

- Does the present data collection cover current observational requirements and potential requirements for informing climate predictions, understanding impacts and adaptation under a changing climate?

- What actions, and work, are needed to show and/or increase the value of existing observations for impacts assessments and warnings, and adaptation? Where are and how do we address the gaps?

  And

- **Are these the "right" questions?**

- What are/ought to be the roles of the IAV (Impacts, Adaptation and Vulnerability) research community, WCRP, Adaptation Committee development programmes, and public and private climate services in helping to secure and sustain coordinated global climate observational networks?

- What enhancements to observing systems should be made to improve quantitative knowledge of environmental events, variability and trends? (query high-resolution projections of regional/local changes)

- What methods and processes are being used or needed to integrate probabilistic risk management based on past events and trends, with resilience strategies based on scenarios of rates of change and potential surprises across climate timescales

- Regional, national, local?: desktop, prototype, regional workshops?

   Approaches: Needs-observations-data products-planning-informed action (and associated feedbacks)

   Radunsky/Michel-Kerjan Risk Management framing list