Preliminary Structure for the TOAR-III Assessment

- Assessment of Data quality and Statistical methods **to infer Trends** [Methodological assessment]

  Including assessment of the representativity and measurement quality of current observations and lack of observations for tropospheric ozone

- Assessment of Variability and Trends in ozone Observations
  - methodological aspects of observation merging // reanalysis production
  - per regions (horizontal and vertical)
  - globally
- Assessment of Sensitivity of ozone to its emissions drivers (in relation with HTAP and CMIP) and changes in the precursors
- Assessment of the Capacity of the models (CTMs/CCMs and ML/AI) to reproduce Variability and Trends of ozone (model evaluation) // ozone budget [Methodological assessment]
- Assessment of the Impact of climate change on ozone and STE (global and surface ozone) [Process understanding assessment] (it would include discussions of long term ozone projections)

- Assessment of Impact of ozone on climate [Impact assessment]
- Assessment of Impact of ozone on vegetation [Impact assessment]
- Assessment of Impact of ozone on health [Impact assessment]

This plan will be rediscussed regularly (every 6 months) with the SC and WG leaders to identify key emerging points

Note: the bullets are sort of chapters but, for some, be grouped in one single assessment paper

We need to consider if they should be published all together as in TOAR-III

At the end of the assessment, we will consider delivering short summaries to international organizations (Policy Briefs)

- policy implications to UNEP
- policy implications to WMO
- policy implications to WHO