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Comments on the climate change indicators

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General comments

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1. Who are the users?
   - Decision-makers – who are they?
   - Role of the public & stakeholder engagement?
   - Empowerment & ownership
2. Control or management of uncertainties?
   - “structured processes for channelling and managing conflicts” (p. 17) – irreconcilable conflicts?
3. Political use & impact of indicators
   - Indicators as political ammunition
   - Role & ethics of the indicator expert? (cf. IPCC)

Climate change indicators for transport

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1. Pedagogy: interpretation of differences in indicator design
   - Basis for assessment: e.g. transparency
2. Conclusions: all indicators ~ equally good?
   - Choice of metrics to be done collaboratively; but can you give recommendations or identify the key elements to consider?
3. Good: uncertainties & the temporal dimension (e.g. GWP vs. GTP)
4. Relevance for the transport sector?
   - Indicators of GHG emissions or their impact?
   - Weightings? Comparisons across sectors?
   - Problems of measurement and data availability more relevant?

Questions of detail

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1. **GWP and its critics**
   - "only 6 gases"? Or, only CO2, but not the other 5?
   - Criticised, but not significant criticism?
   - Transparency & simplicity (p. 189), but all indicators equally transparent? (p. 192)
2. **I failed to understand…**
   - Interpretation of the comparison between GWP & GTP (p. 186)
   - Table 33 potentially illustrative, but more explanation useful
   - CEWN & table 34: what does all this mean in practice?
   - NOx emissions: which difficult choices facing policymakers (188-189)?
   - Concluding section under 5.6.1.3 (p. 189): place in the end of chapter?