Proposition of a long term ANNEX

« Roadmap/Transition plan for the decarbonisation of Industry »
⇒ COP 21 context: A lot of « 2°C/1.5°C » roadmaps/scenarios have been produced at International, European, national and/or sectorial level.

⇒ industrial sector is addressed either at macro level (like Transport, Agriculture, Transport, Building and Energy) or at « sub sectorial » level (Steel industry, Chemical industry, Paper & Pulp industry, etc.).

⇒ Relevant and solid materials have been delivered under key projects such as the Deep Decarbonisation Pathway Project or Re-Invent.

The Annex would be supported by a tangible momentum in several country/organisations.
Example of key topics to be addressed 1/2

⇒ Identify and qualify key expertise centers in each ExCo member countries and beyond (as possible)

⇒ Define a step by step process guidance for designing industry roadmaps

⇒ Identify key technologies that are critical for a low-carbon transition of industry sectors.

⇒ Compile techno-economic information for identified technologies, including current status of development/deployment.
Example of key topics to be addressed 2/2

⇒ Benchmark energy efficiency indicators for key industrial sectors for ExCo member countries and beyond (as possible)

⇒ Discuss the advantages and disadvantages of different methodologies associated with roadmap design:
  o material demand modelling approaches
  o Cost assessment for the industry transition at macro level (OPEX & CAPEX)
  o Employment impact of the industrial transition (direct and indirect)
  o Infrastructure needs assessment

⇒ Etc.
⇒ First informal discussions have been made with IEA secretariat (Summer 2019) and international experts (Vienna Workshop - October 2019).

⇒ First presentation of the concept during the 29th Exco meeting, Espoo/Finland - November, 27-28th 2019

⇒ In person « Brainstorm session » in Paris with limited number of experts in Q1 2019

⇒ Webinar meeting for Exco Members and international experts in April 2020

⇒ Formal presentation during the 30th Exco Meeting (Q2 2020)