Workshop on Pathways to Effectively Decarbonizing Industry
in the framework of the eighth session of the Group of Experts on Energy Efficiency
Geneva and online, 20 September 2021, from 4.30 to 6.00 p.m. (16:30 to 18:00)

Concept note

Background

In this regard, the Task Force conducted research on possible economic measures to reduce greenhouse gas footprint and presented its outcomes in the document entitled “A pathway to reducing greenhouse gas footprint in manufacturing: determinants for an economic assessment of industrial decarbonization measures” (ECE/ENERGY/GE.6/2021/3) and its accompanying document “Recommendations for an economic assessment of industrial decarbonization options” (GEEE-8/2021/INF.2), which are proposed for consideration by the Group of Experts.

Rationale
Countries representing 70 per cent of the world economy have committed to achieve net-zero emissions by the middle of the century. And, amid the world increasingly focusing on ambitious economically strategic climate goals, it is not only governments but also companies that find themselves under an unprecedented societal and economical pressure to decarbonize.

This is also, to an extent, due to business opportunities that come with altering business strategies in the direction of climate consciousness. To name a few, by reducing emissions companies not only save costs on energy and resources, but are more resilient to future price or supply fluctuations; moreover, companies benefit from a positive image effect on the demand side and identification of employees with the revised corporate identity, which lead to economic advantages.

The Task Force argues that achieving a reduction of the greenhouse gas footprint towards net-zero is feasible with the help of a wide variety of measures. Among the important questions that need to be answered to advance towards this goal, are whether the industries and societies are ready for such a future, and what does it take a company to number in the first movers. The participants are invited to elaborate on these.
<table>
<thead>
<tr>
<th>Time</th>
<th>Duration</th>
<th>Content</th>
<th>Speakers</th>
</tr>
</thead>
</table>
| 4.30–4.40 p.m. | 10 minutes | **Opening and Setting the Scene**  
*Striving for net zero, but why?* | Mr Stefan M. Buettner  
Chair of the Task Force on Industrial Energy Efficiency |
| 4.40–4.50 p.m. | 10 minutes | **Decarbonisation pathways:**  
*The company perspective* | Ms Kerstin Kohler  
Head of Environmental Management  
SICK AG |
| 4.50–5.00 p.m. | 10 minutes | **Panel discussion**  
*Are we ready? Pathways to net-zero manufacturing*  
Moderator:  
Mr. Hannes Mac Nulty  
Senior Industry Advisor  
Green Industry Platform | Ms Kerstin Kohler  
Head of Environmental Management  
SICK AG  
Francisco Alanis  
Senior Consultant  
Advisian  
Mr Michael Heinze  
Board Member  
INTENSE AG / CS4I  
(Facilitator: Digitalisation)  
Dr Branko Dunjic  
Director  
Cleaner Production Centre of Serbia  
(Facilitator: Local Implementation) |
| 5.00–5.30 p.m. | 30 minutes | **Decarbonising carbon intensive industries** | Ms Iva Brkic  
Carbon Neutrality Project |
| 5.30–5.40 p.m. | 10 minutes | **Questions and Answers session** | |
| 5.40–5.55 p.m. | 15 minutes | **Wrap-up and Conclusions** | Mr Stefan M. Buettner  
Chair of the Task Force on Industrial Energy Efficiency |