

Joint Declaration on **Future Climate Engineering Solutions**

The world society can do it – we have the technologies

Thirteen engineering associations from around the world are part of the project **Future Climate – Engineering Solutions**. The participating associations have been developing national climate plans and technology forecasts. The plans and forecasts demonstrate how greenhouse gas emissions can be reduced substantially.

The Future Climate – Engineering Solutions project has shown that:

- It is possible to make substantial **greenhouse gas reductions** with available and known technologies. It is technologically possible to achieve an average global reduction of **50-85 %** by 2050.
- The world is wasting energy. A substantial part of the needed GHG reductions can be achieved by **using energy more wisely**. The engineers emphasise that **energy efficiency** is the easiest, smartest and most inexpensive path towards substantial GHG reductions.



The engineers call upon heads of state, ministers of climate and environment and all other decision-makers, to commit to, and deliver, the ambitious emission reductions that are needed at all levels to secure a sustainable future.

A new Climate Deal in Copenhagen is the next important step towards genuine emission reductions. The technology and the necessary means are available. It is technologically possible to achieve an average global reduction of 50-85 % by 2050. A New Climate Deal must ensure that greenhouse gas emissions will peak before 2020, and substantial reductions will be reached by the year 2050.

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The Joint Declaration on Future Climate Engineering Solutions is endorsed by:
The World Federation of Engineering Organizations representing 15 millions of engineers and:



The Swedish Association
of Graduate Engineers



The Norwegian Society
of Engineers, NITO



Union of Professional Engineers,
UIL (Finland)



Institution of Mechanical
Engineers (UK)



The Institution
of Engineers (India)



Federation of Scientific
Engineering Unions
in Bulgaria



The Japan Society of
Mechanical Engineers,
JSME



The Finnish Association
of Graduate Engineers,
TEK (Finland)



APESMA
(Australia)



The Association of German
Engineers, VDI



Engineers Ireland



The American Society of
Mechanical Engineers, ASME (USA)



The Danish Society
of Engineers, IDA