

Paris Session 2022



Transition times for SF₆ in Europe

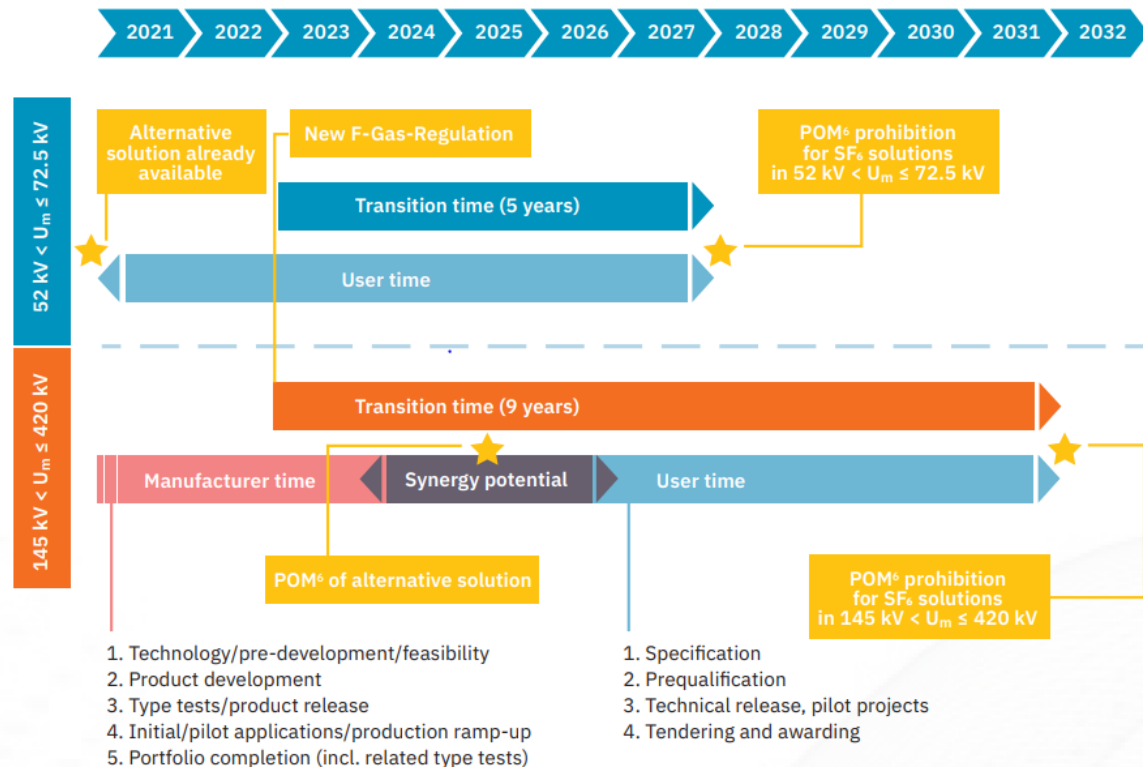
PS1-16

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Position paper ENTSO-E and T&D. October 2021

EXAMPLE OF A TIMELINE FOR STANDARD APPLICATIONS



Transition times needed before the POM¹ prohibition for SF₆ equipment

From the entry into force of the F-Gas Regulation (presumably from 01.01.2023)

Voltage class	52 < U_m ≤ 72.5 kV	72.5 < U_m ≤ 145 kV	145 kV < U_m ≤ 420 kV
Standard applications	5 years	6 years	9 years
Special and limit value applications	In the F-Gas Regulation, no restrictive measures should be provided for this segment. Limit applications should be considered in a later renewed review of the F-Gas Regulation.		
Extension and repair of existing installations	SF ₆ will also be needed beyond 2050 for the maintenance, repair, and extension of existing installations. ²		

Considering all this, ENTSO-E and T&D Europe recommend the European Commission not to consider POM prohibition for SF₆-insulated HV and EHV equipment before the end of the above-mentioned transition times. TSOs commit to order alternative solutions as soon as evidence of availability is provided, which may be sooner than the current transition periods mentioned in this common position, in order to meet the EU CO₂ emissions targets as soon as possible.

EU proposal : F-gases regulation



Strasbourg, 5.4.2022
COM(2022) 150 final
2022/0099 (COD)

Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL
on fluorinated greenhouse gases, amending Directive (EU) 2019/1937 and repealing
Regulation (EU) No 517/2014

Placing on the market prohibition Annex IV

Installation and replacement of the electrical switchgear:

- a. Medium voltage up to 24 kV *1 January 2026*
- b. Medium voltage > 24 kV < to 52 kV *1 January 2030*
- c. High voltage > 52 kV < 145 kV *1 January 2028*
- d. High voltage >145 kV *1 January 2031*

“unless evidence is provided that no suitable alternative is available”