

**2018 Mo-99 TOPICAL MEETING ON  
MOLYBDENUM-99 PRODUCTION TECHNOLOGY DEVELOPMENT**

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**2018 Medical Isotope Supply Review:  $^{99}\text{Mo}/^{99\text{m}}\text{Tc}$  Market Demand and  
Production Capacity Projection 2018-2023**

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**ABSTRACT**

The OECD-NEA has made revised projections for market demand and production capacity for  $^{99}\text{Mo}/^{99\text{m}}\text{Tc}$  for the 2018-2023 period using three different scenarios. Overall conclusions include that baseline production capacity has decreased slightly after two consecutive years of increase. LEU conversion has reached 70%, but there have been important project delays and cancellations. Supply capacity has been under stress since November 2017 due to an extended supply problem in South Africa, making extensive industry co-ordination and planning very important. Economically sustainable market conditions have not yet been achieved, with full cost recovery not yet universally implemented. All OECD-NEA reports are available for download from the NEA website ([www.oecd-nea.org](http://www.oecd-nea.org)).