

International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle: Exploration, Mining, Production, Supply and Demand, Economics and Environmental Issues - IAEA CN-216

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The presentation gives WNA views on nuclear capacity additions to 2030 and the likely adequacy of the fuel supply chain to meet the nuclear fleet's uranium requirements. A scenario approach is adopted resulting in three capacity projections based on the outlook for existing and new nuclear countries. Uranium resource estimations are taken from the IAEA's Red Book and the prospects for new and existing mines assessed on a site-by-site basis. Both prospective uranium requirements and primary uranium supply have decreased since the previous 2011 report, the latter markedly so from the mid-2020s. Secondary supply is also projected and expected to remain high to 2030.

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