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## **Development of nuclear infrastructure based on different contracting models and risks assessment**

The scope of activities and responsibilities division for nuclear infrastructure (NI) development is impacted by a chosen deployment model of a SMR project, which is reflected in the set of the contractual arrangements between the project parties. The range of common approaches in an embarking country encompasses a turn-key and a concession (build-own-operate).

It is possible to determine the optimal legal construction for appropriate risks management based on parties' risk profile and ability to manage their risk. An insufficient NI is a framework for SMR budget overruns, schedule slippage, licencing challenges and safety. The determination of relevant obligations division in the project is possible based on the results of the (pre-) feasibility study and NI assessment.

To optimize NI for SMR projects in embarking countries, one of the backbone measures for NI development is assistance from the vendor state from the beginning, including a bilateral NI plan with fixed commitments of parties and cooperation between regulatory bodies on regulatory framework and safety assessment (pre-licensing).

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### **Confirm that the work is original and has not been published anywhere else**

YES

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