



International Conference on

# small modular reactors


and their applications

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# **Facilitating SMR deployment through sustainable project financing: A developer's perspective**

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# 1. Essence



The deployment of thousands of SMR\*s is crucial to meeting the growing demand for firm clean energy, enhancing energy security, and accelerating decarbonization efforts.

To achieve this, the SMR industry must be transformed into a bankable and investable sector—similar to the commodities market—attracting capital from a diverse range of sources, including multilateral development banks, export credit agencies, private financial institutions, institutional investors, large corporations, sovereign wealth funds, and private equity firms.

The key to success lies in demonstrating project viability. Debt and equity providers need confidence in our narrative and the feasibility of these projects.

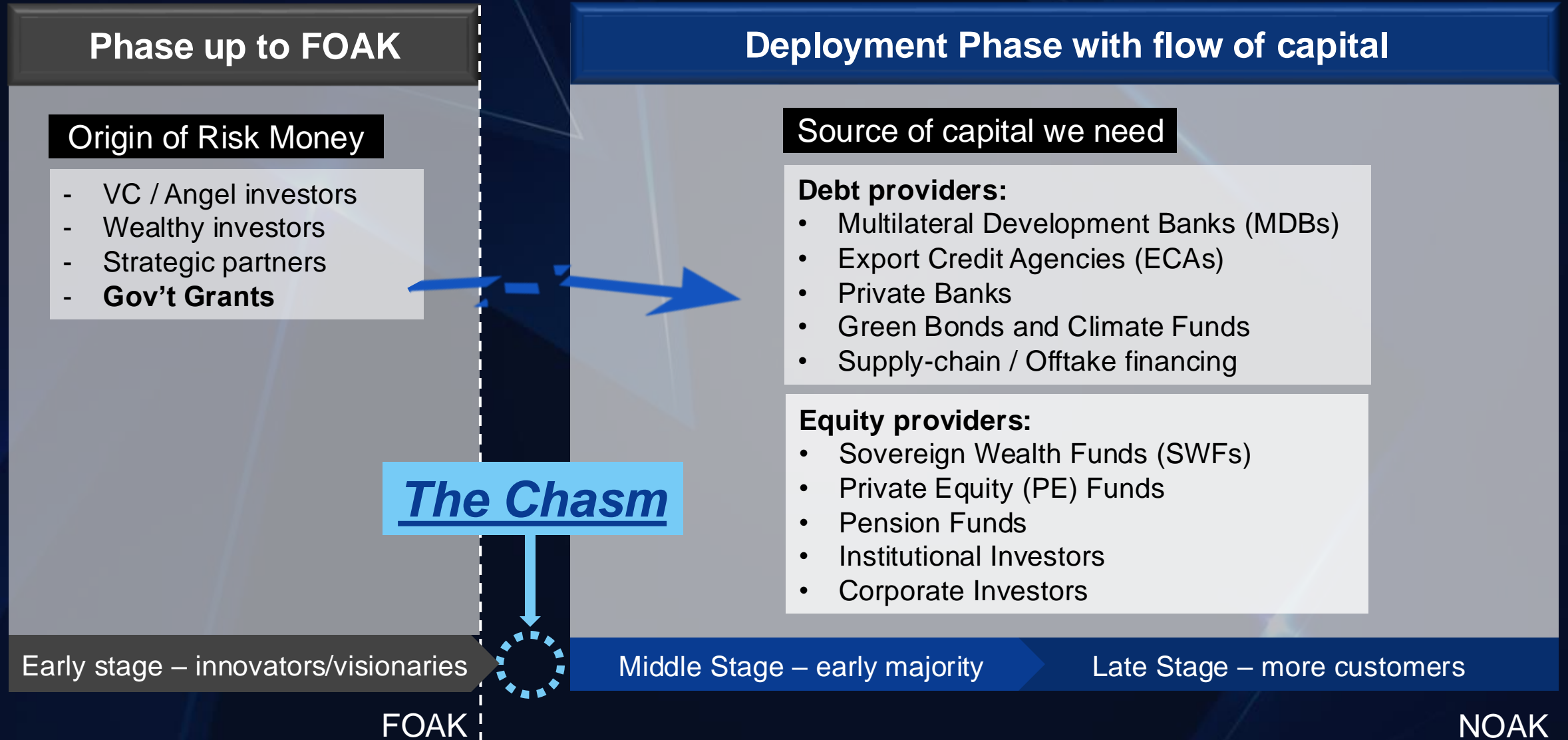
It's essential to recognize that technology development and project development are two distinct challenges.

SMRs, being smaller and more manageable than ultra-mega projects, offer a promising path toward success—if we can position them effectively as scalable, investable ventures.

\*SMR = For this presentation, I am including SMRs, Advanced Modular Reactors and Micro Reactors.



## 2. The GAP we need to bridge

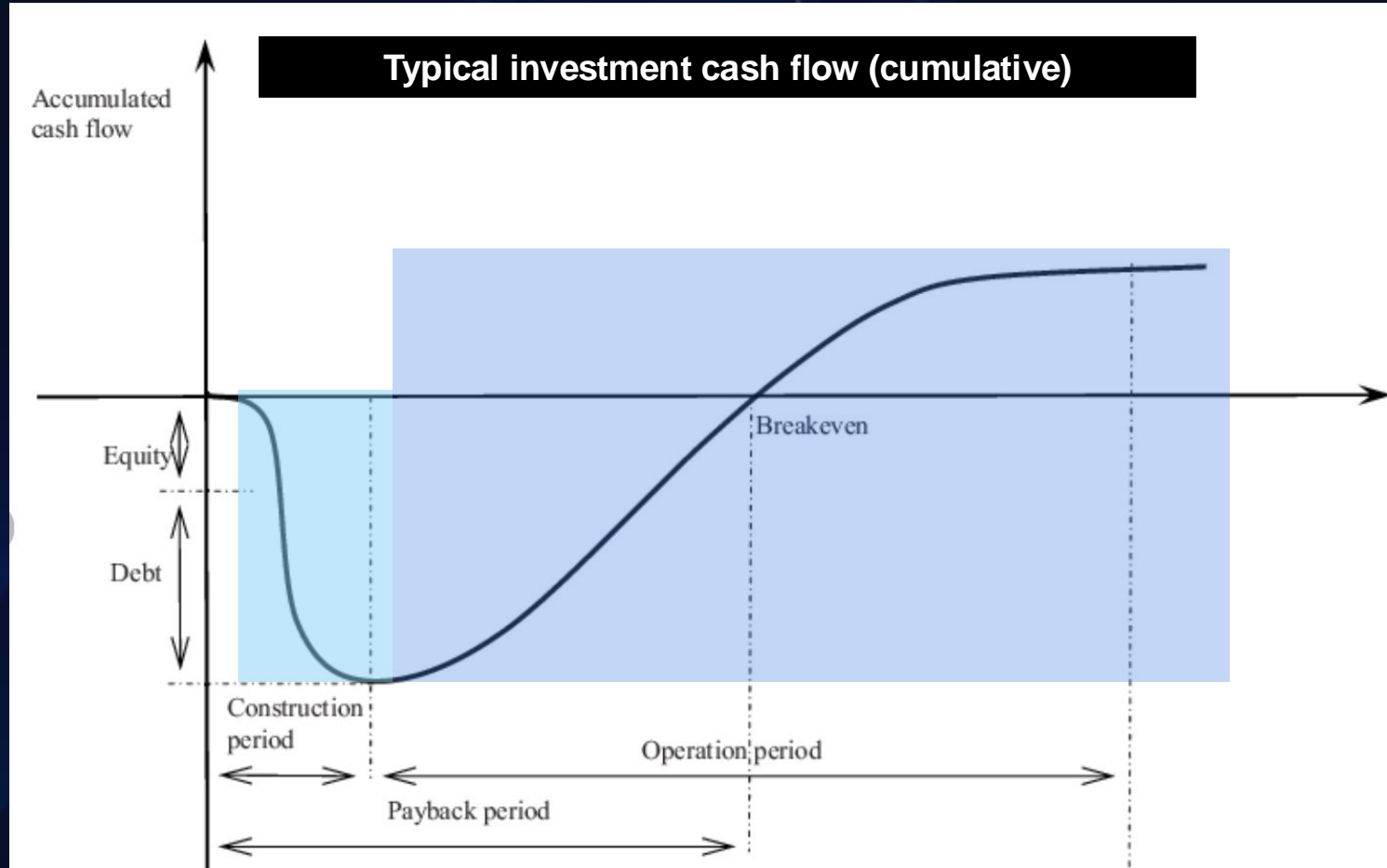


### 3. Capital providers need to believe in project viability



# 4. Project Viability

Capital providers must believe in our ability to deliver the project on-time and on-budget (relatively)



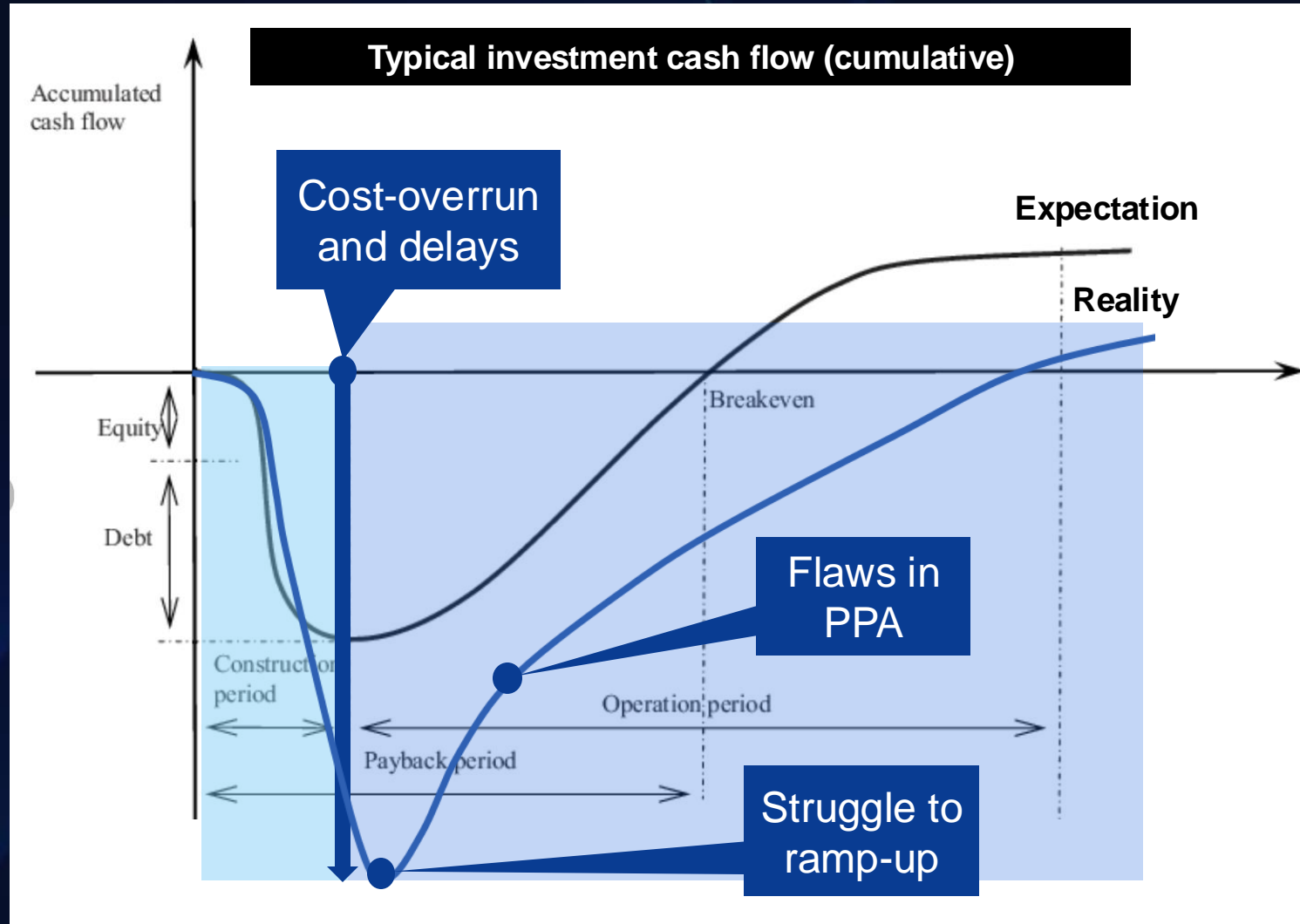
Project  
Economics

Technology  
risk

Market risk

Project  
execution  
risk

# 5. What Capital Providers Fear



Project  
Economics

Technology  
risk

Market risk

Project  
execution  
risk

## 6. Two Distinct Capabilities

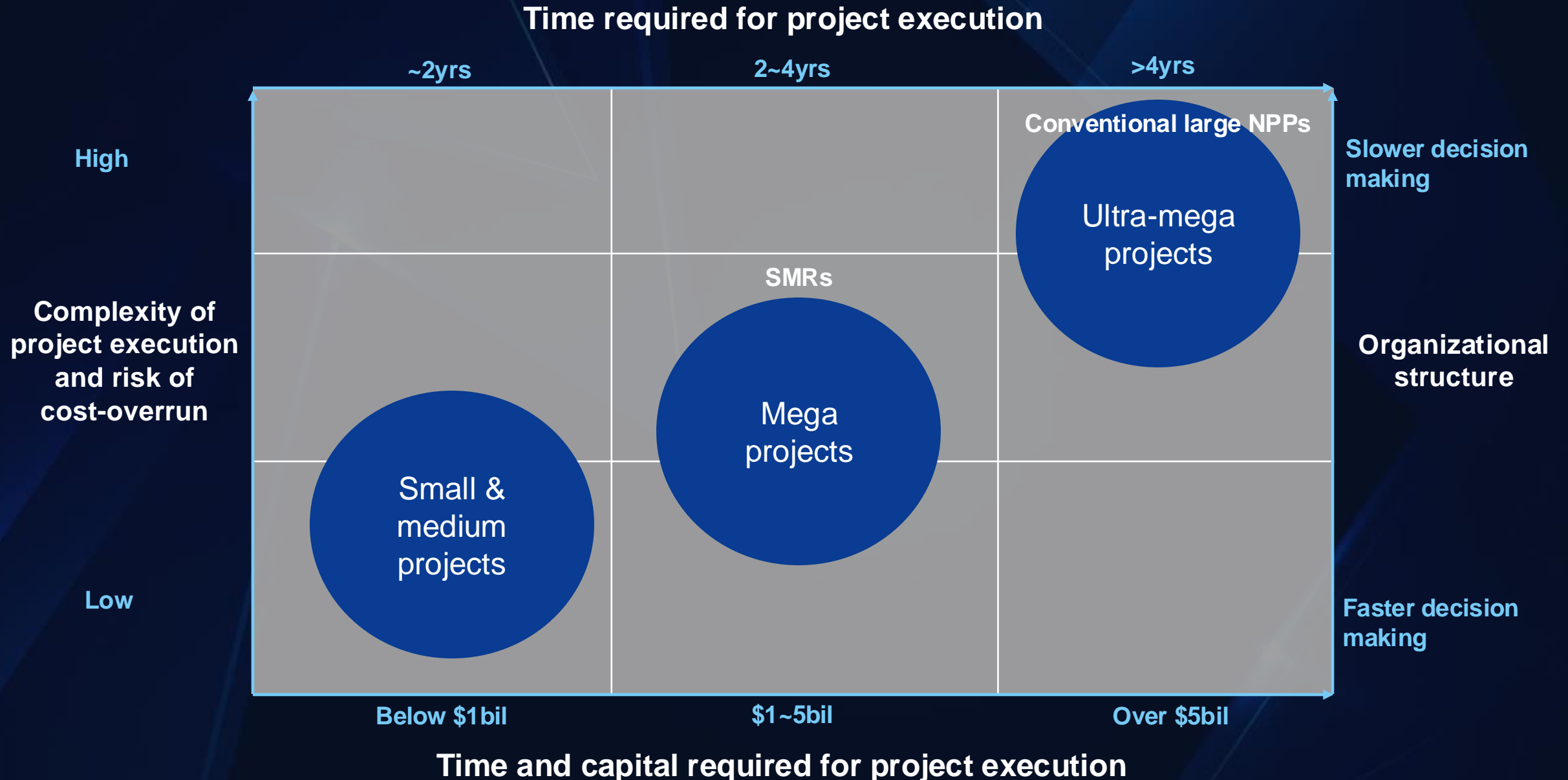
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**Technology  
Development**

**Project  
Development**



# 7. SMRs offer a promising path towards success

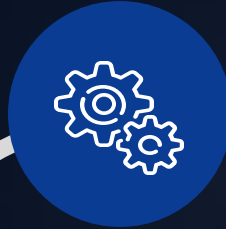


# 8. Summary – Roadmap to Success

Comprehensive project design and execution planning for new project



Clear and efficient decision-making processes, enabling prompt corrective actions



Expanded project portfolio due to economy of scale and increased financing opportunities



Strong partnerships and a team of exceptional professionals



Successful on-time and on-budget project delivery



Time and capital required for project execution



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