

Responsibilities:

Strategic Programme Development and Commercialisation

- Lead the strategic design, development, and implementation of nanotechnology-based programmes aimed at generating new intellectual properties (IPs) and high-value technology products.
- Ensure alignment of all programmes with national priorities and the NMB Group's Vision and Mission for industry-led innovation and commercialisation.

Ecosystem Development and Collaboration

- Build and strengthen an integrated innovation ecosystem by establishing partnerships across the value chain, including material suppliers, technology developers, scale-up providers, and commercialisation entities.
- Foster strong collaborations with key stakeholders such as industry players, government agencies, research institutions, and academia to drive programme success and long-term impact.

Technology and IP Strategy

- Develop and oversee a robust technology and intellectual property (IP) roadmap and matrix to guide the sustainable development, licensing, and commercialisation of nanotechnology solutions.
- Ensure strategic alignment between IP generation, market demand, and technology readiness across the programme portfolio.

Funding and Investment Acquisition

- Identify and secure external funding sources, including grants, strategic investments, and public-private partnerships, to support programme sustainability and the growth of technology-based ecosystem companies.
- Cultivate relationships with local and international investors to attract capital for high-potential innovation ventures.

Stakeholder Engagement and Relationship Management

- Manage and engage with a diverse set of stakeholders including internal departments, Senior Management, Board Members, Ministry officials, and leaders from industry and academia.
- Ensure transparent communication, alignment of interests, and continuous stakeholder buy-in throughout the innovation lifecycle.

Leadership and Organisational Development

- Provide visionary leadership to the Nanotechnology Programme Delivery Office, fostering a high-performance, collaborative, and accountable culture.
- Mentor and develop team members to build internal capabilities, ensure knowledge transfer, and deliver departmental and organisational KPIs.

Strategic Advisory and Corporate Contribution

- Offer strategic insights and advisory support to the CEO, C-Suite, and senior leadership to inform decision-making, policy development, and long-term corporate planning.
- Contribute to the formulation and execution of company-wide innovation strategies to advance NMB Group's leadership in the nanotechnology space.

Qualification and Requirement:

- PhD in Material Science, Physics, Chemistry, Chemical Engineering, Electronics Engineering, Nanotechnology or any relevant science-based degree
- At least 15 years relevant working experience in project management and technology development aligning to industrial requirements and market needs.
- Project management professional certification, e.g. PMP or PRINCE2, is an advantage.
- Must possess a good command of spoken and written Malay and English

Preferred Skills:

- Familiar with Microsoft 365, SharePoint, Word, Excel and PowerPoint
- Pleasant and having good interpersonal skills