

Role:

Assume complementary leadership and supportive roles to the NMB Group CEO in technology development and co-lead the development and lead the execution of high-impact nanotechnology and related technologies programmes including projects aligned with the NMB Group's Vision and Mission and approved initiatives based on Venture Builder Project Design and Execution Model, focusing on strategic value and supply chains and a robust intellectual property ecosystem. Drive the advancement of advanced materials, emerging technologies and nanotechnology-based products and solutions by Malaysian industries and research community to technology readiness level primed for commercialization by internal and external partners. Secure external and internal development funding to ensure programme and project sustainability and support the technological growth and increase the commercial value of partner companies in NMB Group's ecosystem.

Responsibilities:**Strategic Programme Development and Commercialisation**

- Lead the strategic design, development, and implementation of nanotechnology, advanced materials, emerging technologies-based programmes aimed at leveraging on existing and generating new intellectual properties (IPs), and high-value technology products.
- Ensure alignment of all programmes and projects with national priorities, market trends and demands, 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 and supply chains, including owners of facilities, 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, advanced materials and emerging technology 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.
- Lateral and diagonal leadership to encourage active participation across departments.

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.

Requirement:

- PhD in Material Science, Physics, Chemistry, Chemical Engineering, Electronics Engineering, Nanotechnology or any relevant science-based degree
- An accumulative minimum of 10 years in middle and senior management positions
- 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