



MIMOS Strategic Transformation Plan 2023-2030

TECHNOPRENEURIAL ORGANISATION

Rebranding of MIMOS Berhad to MIMOS Global

“...penjenamaan baharu MIMOS Berhad kepada MIMOS Global bagi melambangkan imej baharu yang lebih meluas, bersesuaian dengan daya saing bidang teknologi yang tidak mengenal sempadan.”

*Dato' Sri Ismail Sabri bin Yaakob
YAB Perdana Menteri Malaysia
6 Oktober 2022*

“MIMOS akan diperkukuh dengan merancakkan lagi aktiviti R&D dalam bidang pengkhususan semikonduktor, mikroelektronik dan ICT menerusi Pelan Transformasi Strategik MIMOS 2023-2030.”

*Dato' Sri Adham bin Baba
YB Menteri MOSTI
6 Oktober 2022*

MIMOS KEY MESSAGE

Pelan Transformasi Strategik MIMOS 2023 – 2030 bertujuan menyokong industri Elektrikal & Elektronik ke arah menjadikan Malaysia negara berteknologi tinggi yang memfokuskan kepada pembangunan teknologi Semikonduktor, Mikroelektronik dan ICT.

Dato' Sri Ibrahim Ahmad; Pengerusi, MIMOS Berhad

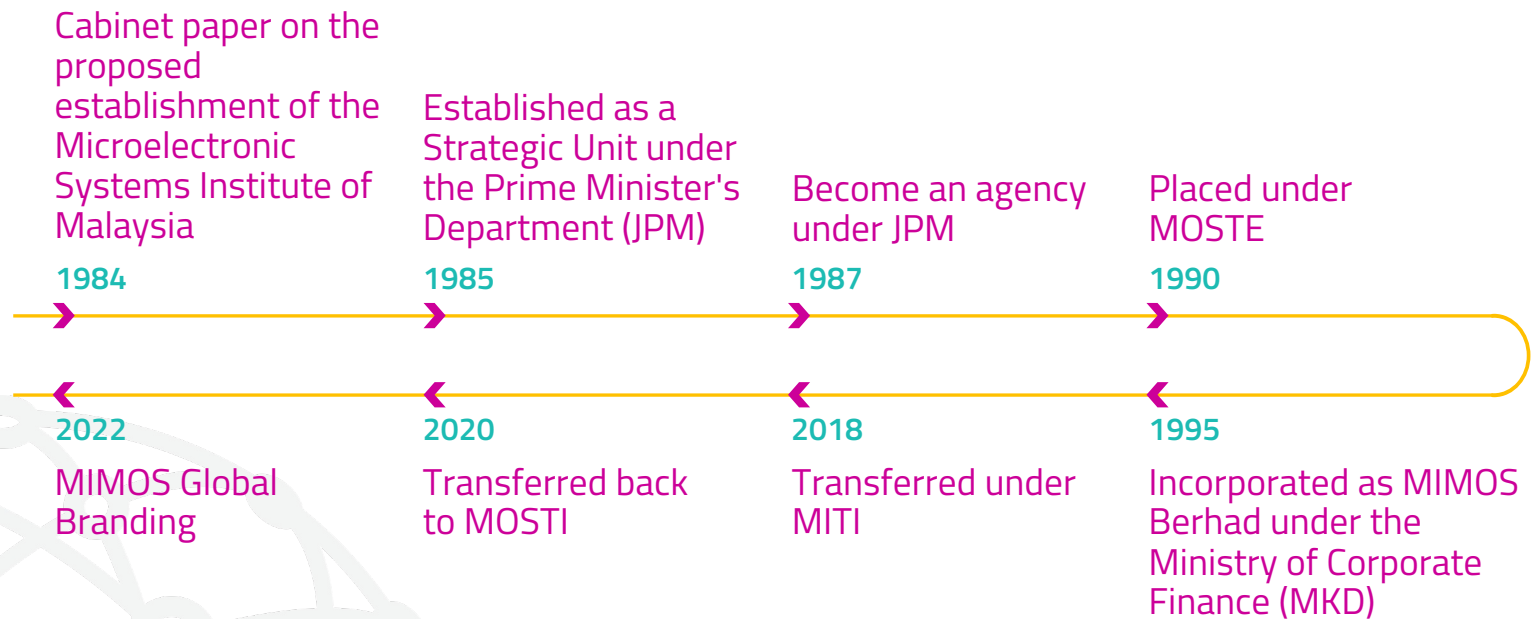
Penjenamaan baharu MIMOS kepada MIMOS Global akan melambangkan peranan baharu MIMOS dalam memacu aspirasi negara merentasi sempadan dengan mendayakan pemain industri tempatan ke peringkat antarabangsa. Saya yakin bahawa babak terbaru dalam perjalanan kami ini akan membawa MIMOS ke tahap yang lebih tinggi dan lestari.

Dr Iskandar Samad; Presiden dan Ketua Pegawai Eksekutif, MIMOS Berhad

1

BACKGROUND OF MIMOS

MIMOS is a Malaysia's Applied Research & Development Centre that was established in the early 1985 to make Malaysia a high-tech country in the electrical and electronics industry with local brands.



Today, MIMOS' mandate is to undertake Research and Development in the field of Semiconductor, Microelectronics and Strategic ICT to develop new technology companies and business-oriented Technology Venture organisation.

2

TRANSFORMATION OF MIMOS

MIMOS' Transformation was initiated in July 2022 and approved by the Minister of Science, Technology and Innovation on 5 August 2022.

The plan was presented to the Minister of Finance on 31 August 2022 and received a very positive response with a proposal for the Ministry of Finance Incorporated to fully support MIMOS in realising the transformation plan.

The transformation plan was subsequently endorsed by the Honourable Prime Minister on 6 October 2022 and launched the rebranding of MIMOS Berhad to MIMOS Global.

The MIMOS 2023-2030 Strategic Transformation Plan theme is:

"To be a self-sufficient Government-Linked Research Organisation (GLRO)"



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MIMOS STRATEGIC TRANSFORMATION 2023-2030



Vision:

To be the frontier applied research centre in Electrical and Electronics.

Objectives:

1 Conduct applied research and development of advanced technology.

2 Exploring the development of global technopreneurship.

3 Cultivating an attitude of trust, innovation and high performance.



Mission:

Pioneering innovation and technology development towards creating a local industry that is globally competitive.

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MIMOS STRATEGIC TRANSFORMATION 2023-2030

Programme 1:



Focus on applied R&D in advanced technology that is internationally recognised, nationally aligned, high quality and industry relevant.

Strategies:

- 1 Business-driven research and innovation.
- 2 Strategic collaboration with industry and institutions.

Programme 2:



Emphasis on viable commercial activities and driving entrepreneurship towards sustainability.

Strategies:

- 1 Commercialisation of viable products and services.
- 2 Sustainable entrepreneurship.

Programme 3:



Creating a good MIMOS governance system through the application of values and integrity as well as compliance with international standards and best practices.

Strategies:

- 1 Enculturation of positive values.
- 2 Adherence to standards and best practices.

3 MIMOS STRATEGIC TRANSFORMATION 2023-2030

Shared Values:



SHARED VALUE NO. 1

Trustworthy



SHARED VALUE NO. 2

Innovative



SHARED VALUE NO. 3

Global

Motto:

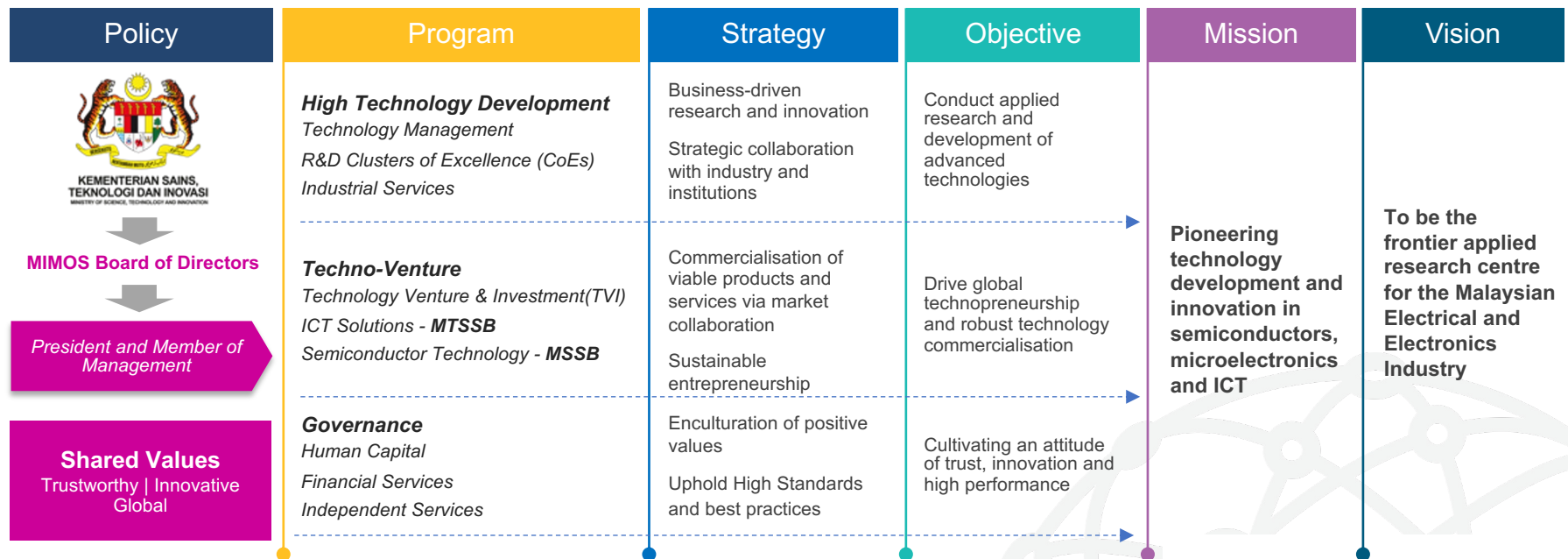
"Innovation for life"

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MIMOS STRATEGIC TRANSFORMATION FRAMEWORK 2023-2030



Technopreneurial Organisation

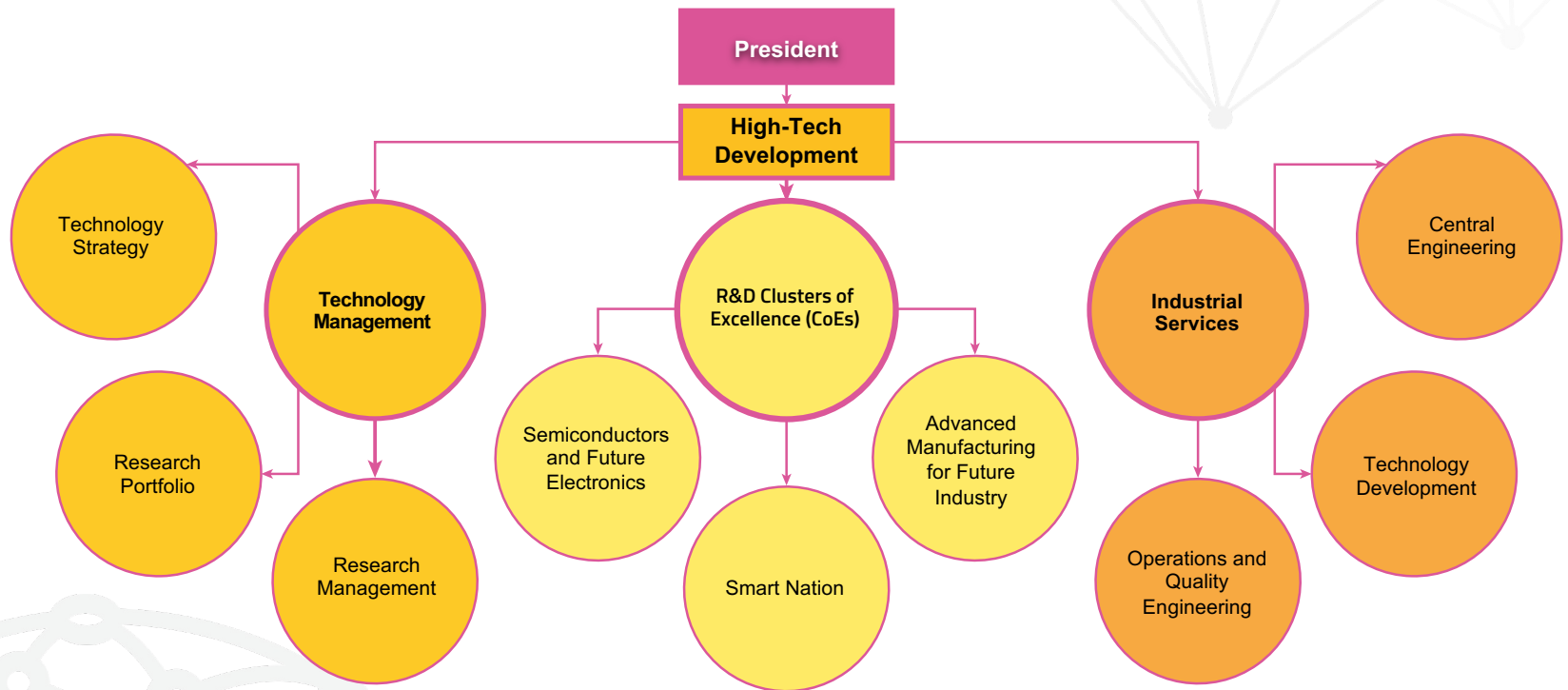


SUSTAINABLE DEVELOPMENT GOALS





PROGRAMME 1: HIGH TECHNOLOGY DEVELOPMENT



Technology Management is responsible for charting technology foresight for the nation by building research depth, capabilities and competencies to support technological development.

R&D Clusters of Excellence (CoEs) are designed to raise national and global competitiveness in advanced R&D with a focus on leveraging technologies in semiconductors, microelectronics and ICT.

Industrial Services provide R&D shared services in administrative and operational support, shared laboratory services and equipment through optimised resources across CoEs and Engineering.



PROGRAMME 1: HIGH TECHNOLOGY DEVELOPMENT

STRUCTURE

High Technology Development focuses on applied R&D in advanced technology that is internationally recognised, nationally aligned, high quality and industry relevant.

It is divided as follows:

1. Technology Management

- Technology Strategy
- Research Portfolio
- Research Management

2. R&D Clusters of Excellence (CoEs)

- Semiconductors and Future Electronics
- Smart Nation
- Advanced Manufacturing for Future Industry

3. Industrial Services

- Operations and Quality Engineering
- Technology Development
- Central Engineering

ACTION PLAN

1. Lead competitive and innovative technologies for the nation

- Advanced applied research in semiconductor, microelectronics and ICT segments through national programmes, policies and roadmaps.
- Focus and advise on areas aligned with MOSTI STI Policy and Roadmap, MIMOS R&D Strategy and Research Institute Benchmarks.

2. Reshape landscape through strategic interest in technology

- Safeguarding Malaysia's security and sovereignty through national infrastructure and systems implementing local technology.
- Seed and value add to Malaysia's local ecosystem and global value chain.

3. Accelerate nation building through utilisation of technology

- R&D programmes that support new and existing SMEs, technopreneurs and tech community with a global view.
- Close collaboration with universities, local industry players, government agencies and civil society groups to raise the next generation.

4. Designed to function and operate independently and cohesively

- Autonomous operations allowing for flexibility to operate locally and globally in raising Malaysia's competitiveness.

KEY PERFORMANCE INDICATORS

1. IP and Publications

- 90 by 2030

2. Technology, product and solution creation

- 9 technologies, products and solutions by 2030

3. Collaboration with industry, higher education institutions, civil society groups and government agencies

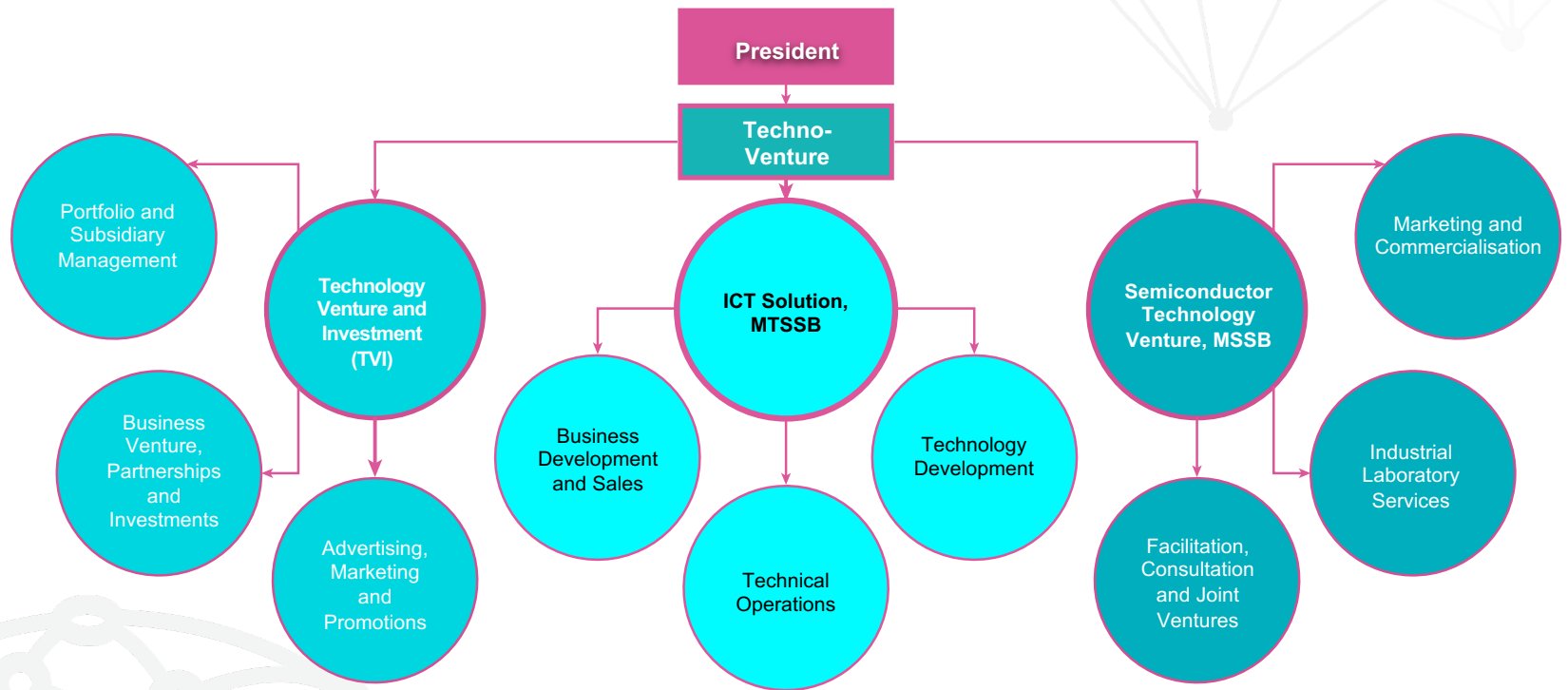
- 18 partners by 2030

4. Matching funds from industry

- 60% by 2030



PROGRAMME 2: TECHNO-VENTURE



TVI will help drive value creation and generate revenue through strategic partnerships with a focus on recurring revenue generation efforts as well as building and growing new technopreneurs and SMEs.

MTSSB will focus on strategic ICT programmes in addition to developing the value chain ecosystem of local technopreneurs through smart partnerships.

MSSB will spearhead E&E and semiconductor business opportunities in line with the semiconductor supply and value chain and develop local technopreneurs through strategic business alliances.



PROGRAMME 2: TECHNO-VENTURE

STRUCTURE

Techno-Venture will emphasises on viable commercial activities and drives technopreneurship towards sustainability. This programme is divided into three main parts namely:

1. Technology Venture and Investment (TVI).

- Portfolio and Subsidiary Management
- Business Ventures, Partnerships and Investments
- Advertising, Marketing and Promotions

2. ICT Solution, MTSSB

- Business Development and Sales
- Technical Operation
- Technology Development

3. Semiconductor Technology Venture, MSSB

- Marketing and Commercialisation
- Industrial Laboratory Services
- Facilitation, Consultation and Joint Ventures

TVI activities will create new technopreneurs and partnership companies.

ACTION PLAN

1. Key channel and driver for opportunity and wealth creation

- Drive value creation and generate revenue.
- Conducting strategic partnerships with all government entities and agencies.
- Focus on recurring revenue generation efforts.
- Partner development.
- Income generation involving all MIMOS assets.

2. Reorganise and rationalise subsidiary operations

- Subsidiaries are reorganised based on skills and capabilities and rationalisation.
- Each subsidiary will have its own board of directors.

3. Consolidate all training and consultancy services into one new business entity

- Establishment of MIMOS Talent & Technopreneur Development Sdn Bhd.

KEY PERFORMANCE INDICATORS

1. Recovery cost

- 200% by 2030

2. Talents and technopreneurs trained

- 2000 by 2030

3. Technopreneur development programme

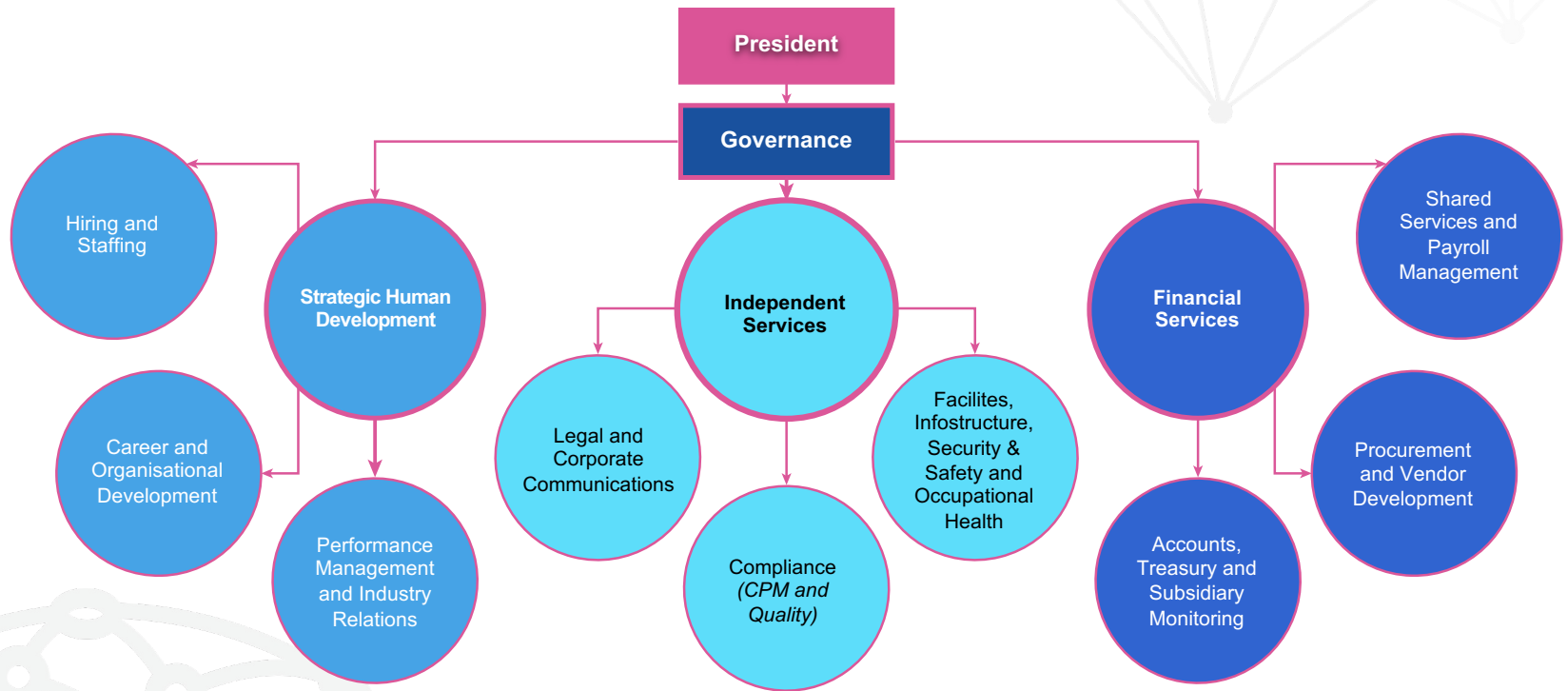
- 4 by 2030

4. Partnerships/ joint ventures/ start-ups/ subsidiaries

- 12 by 2030



PROGRAMME 3: GOVERNANCE



Strategic Human Development

Creation of high-performance culture and nurture innovative talent and integrity.

Independent Services

Enhance corporate credibility and governance standards/ best practices in a conducive working environment.

Financial Services

Provision of efficient and effective high-quality services and comply with all relevant policies, procedures and statutory requirements.



PROGRAMME 3: GOVERNANCE

STRUCTURE

Governance will establish a good MIMOS governance system through the application of values and integrity as well as compliance with international standards and best practices. Divided into 3 as follows

1. Strategic Human Development

- Hiring and Staffing
- Career and Organisational Development
- Performance Management and Industrial Relations

2. Financial Services

- Accounts, Treasury and Subsidiary Monitoring
- Procurement and Vendor Development
- Shared Services and Payroll Management

3. Independent Services

- Facilities, Infostructure, Security, Safety and Occupational Health
- Quality and Compliance
- Corporate Legal and Communication

ACTION PLAN

1. Focusing on organisational excellence through:

- Total digitisation and automation.
- Improvement and coordination of work processes.
- Compliance with statutory requirements and international standards.

2. Focus on human capital development:

- Development of competencies and forward-looking behaviour as well as long-term vision and knowledge in various sectors including nurturing talent with integrity and innovation.
- Competitive advantage in attracting and retaining talent.
- Clear and attractive career path.

3. Creating a conducive and safe work environment through:

- Infrastructure improvements to support current and future needs.
- Provide equipment and a conducive environment to increase productivity.
- Introducing an environmentally friendly work culture to reduce the carbon footprint.

KEY PERFORMANCE INDICATORS

1. Automation and digitalisation of work process

- 24 by 2030

2. Improvement and coordination of work processes

- 40 by 2030

3. Academic attachments

- 75 by 2030

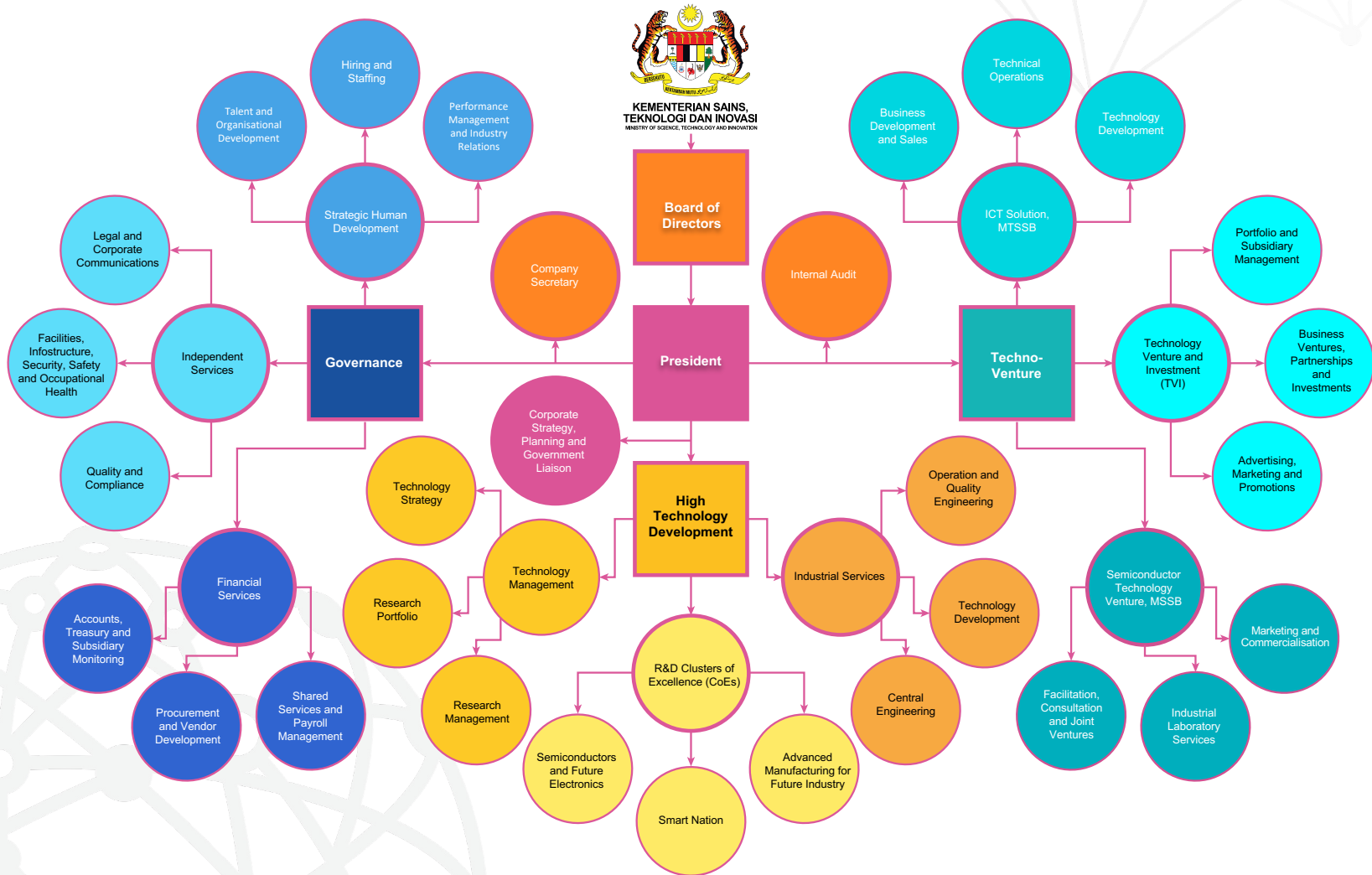
4. Staff pursuing studies at Masters and PhD levels

- 40 Masters and 40 PhDs by 2030

5. Improvement of quality of RSE with Masters and PhDs in critical technology areas.

- 100 additional talents with Masters or PhDs by 2030

4 MIMOS ORGANISATION STRUCTURE



Note: MIMOS activities to fully observe SDG pillars and initiatives.

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CLOSING

MIMOS Strategic Transformation Plan 2023-2030 is the main reference and guide for MIMOS in intensifying the efforts for research, development and technology commercialisation activities based on three main areas, namely semiconductors, microelectronics and ICT; and in line with the government's mandate to MIMOS under the supervision of the Ministry of Science, Technology and Innovation (MOSTI).

This new plan together with the alignment of mission, vision, objectives, strategies and programmes will help to strengthen and enable MIMOS to remain relevant to the government and the industry by helping Malaysia to transform into a high-tech nation and achieve its long-term sustainability goal.



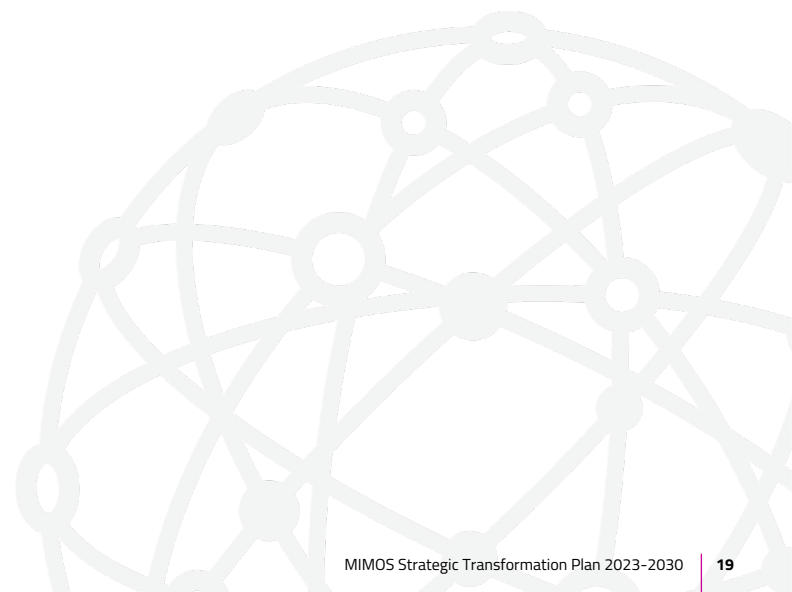
6 APPRECIATION



A decorative network diagram at the top of the page, consisting of a series of interconnected nodes and lines forming a web-like structure.

7

NOTES





**KEMENTERIAN SAINS,
TEKNOLOGI DAN INOVASI**
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

National Applied R&D Centre

