



# **NIGERIAN CONTENT RESEARCH AND DEVELOPMENT FUND (NCRDF)**

## **OPERATING PROTOCOL**





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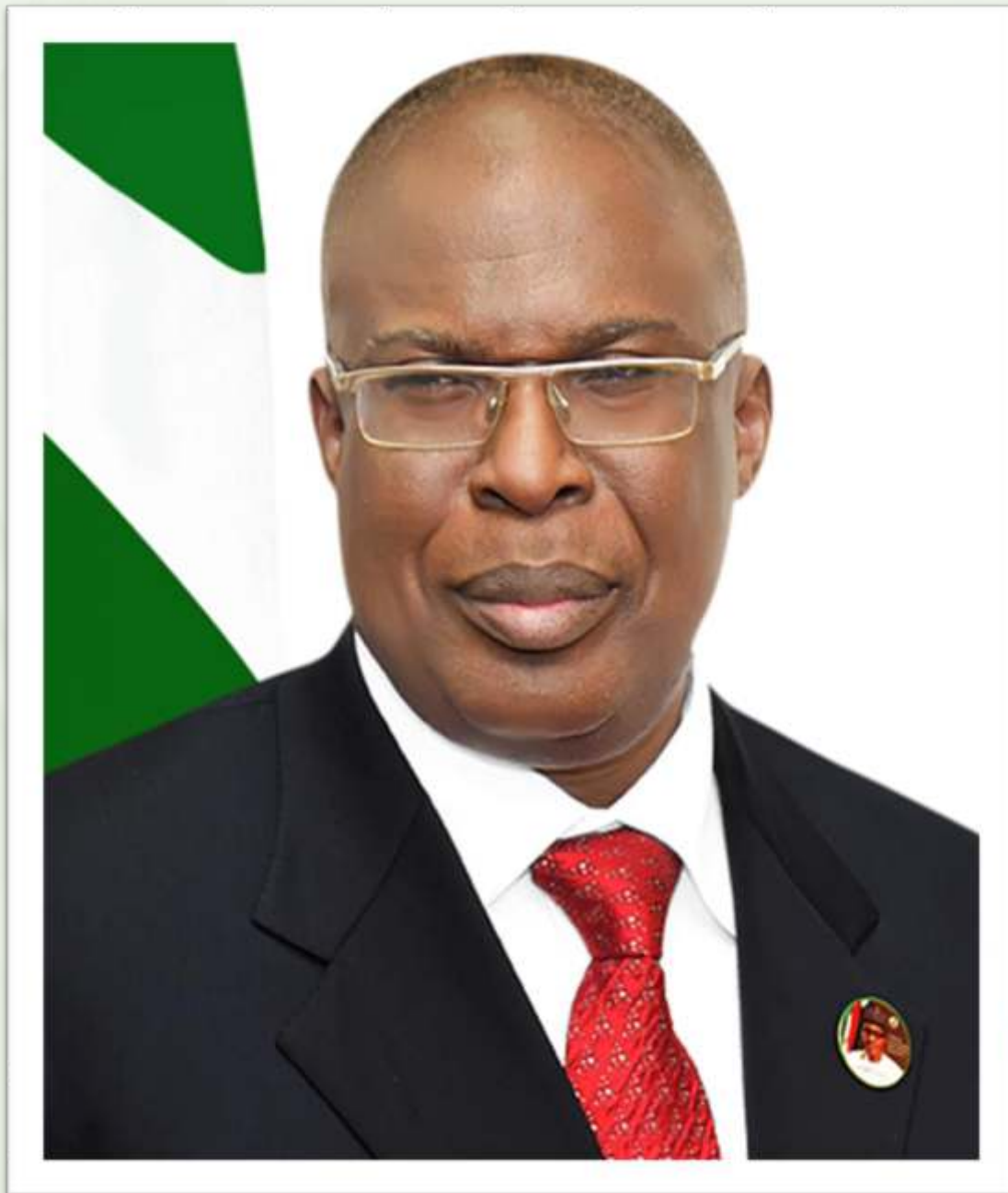
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FUND RELEASE PROTOCOL





His Excellency  
**President Muhammadu Buhari**  
President and Commander-in-Chief Federal Republic of Nigeria



His Excellency  
**Chief Timipre Sylva**  
Honourable Minister of State For Petroleum Resources



**Engr. Simbi Wabote,** *FNSE, FIPS*  
Executive Secretary NCDMB





**Mr. Patrick Daziba Obah**  
*Director, Planning, Research  
 and Statistics (PRS)*



**Mr. Akintunde Adelana**  
*Director, Monitoring & Evaluation*



**Mr. Isaac Yalah**  
*Director, Finance and Personnel  
 Management*



**Barr. Muhammed Umar**  
*Director, Legal Services*



**Mr. Abdulmalik Hatilu**  
*General Manager, Research  
 Statistics and Development Division*

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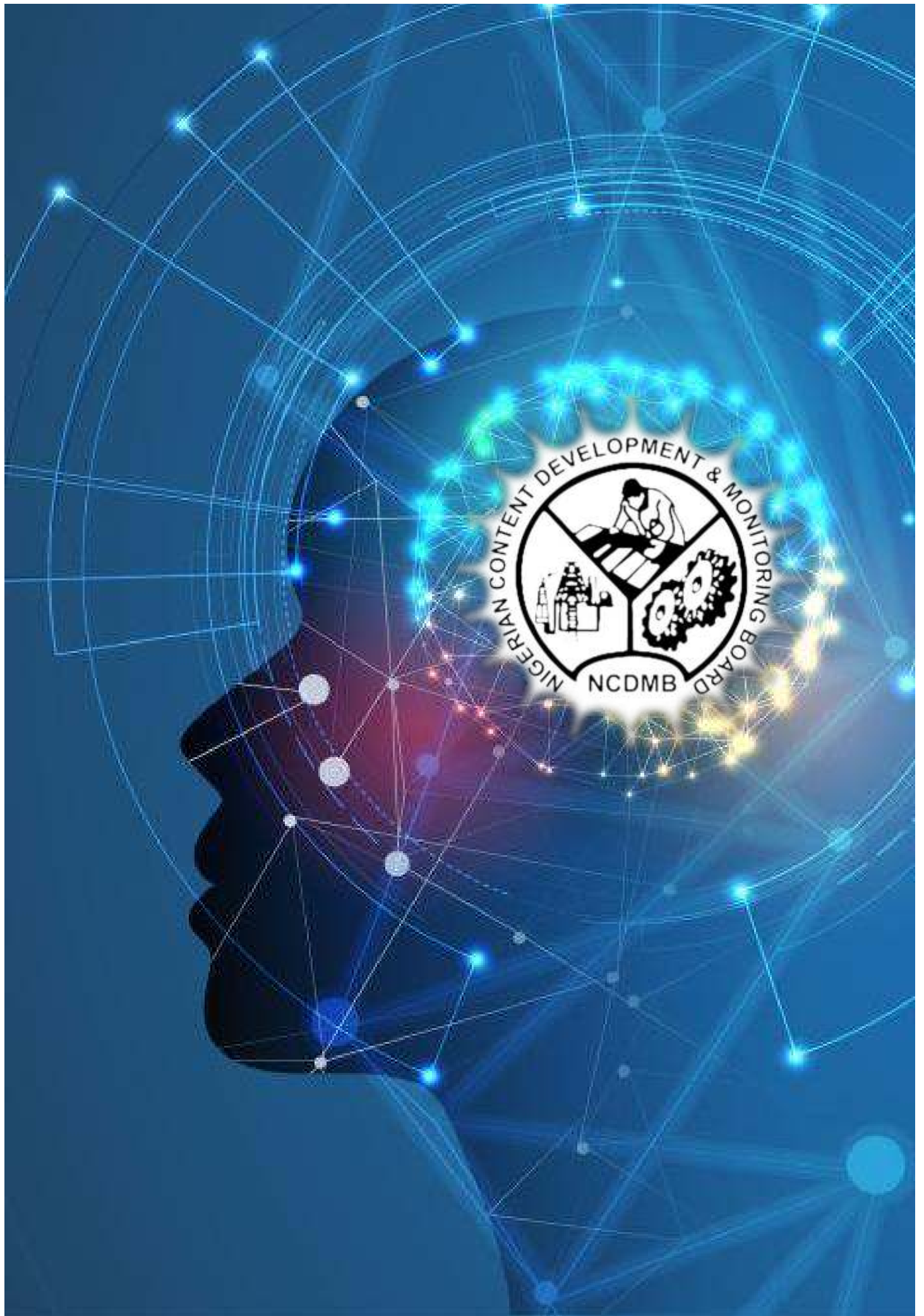
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**Concept**  
**Abdulmalik Halilu**

**Coordination**  
**Jonathan Njoku**





# Nigerian Content Research and Development Framework

## Background

The Nigerian Oil and Gas Industry Content Development (NOGICD) Act of 2010 establishing the Nigerian Content Development and Monitoring Board (NCDMB) outlines the Board's regulatory role in the development of local capacity and capability for Research and Development (R&D) in the Nigerian Oil and Gas industry. Sections 37 to 39 of the NOGICD Act mandate NCDMB to superintend over R&D activities in the oil and gas industry. The scope of the Board's regulatory role includes:

- i. Develop capabilities for Research and Innovation in Nigeria including facilities, equipment, personnel and processes.
- ii. Review and approve R&D plans of Operating Companies.
- iii. Monitor implementation of R&D projects to ensure:
  - a. Execution reflects Nigerian content requirement of domiciliation within Nigerian R&D Centers.
  - b. R&D spend is tied to addressing industry technology, material and process challenges.
  - c. Commercialization of research breakthroughs.
  - d. Deployment of successful products of research in industry Operations.

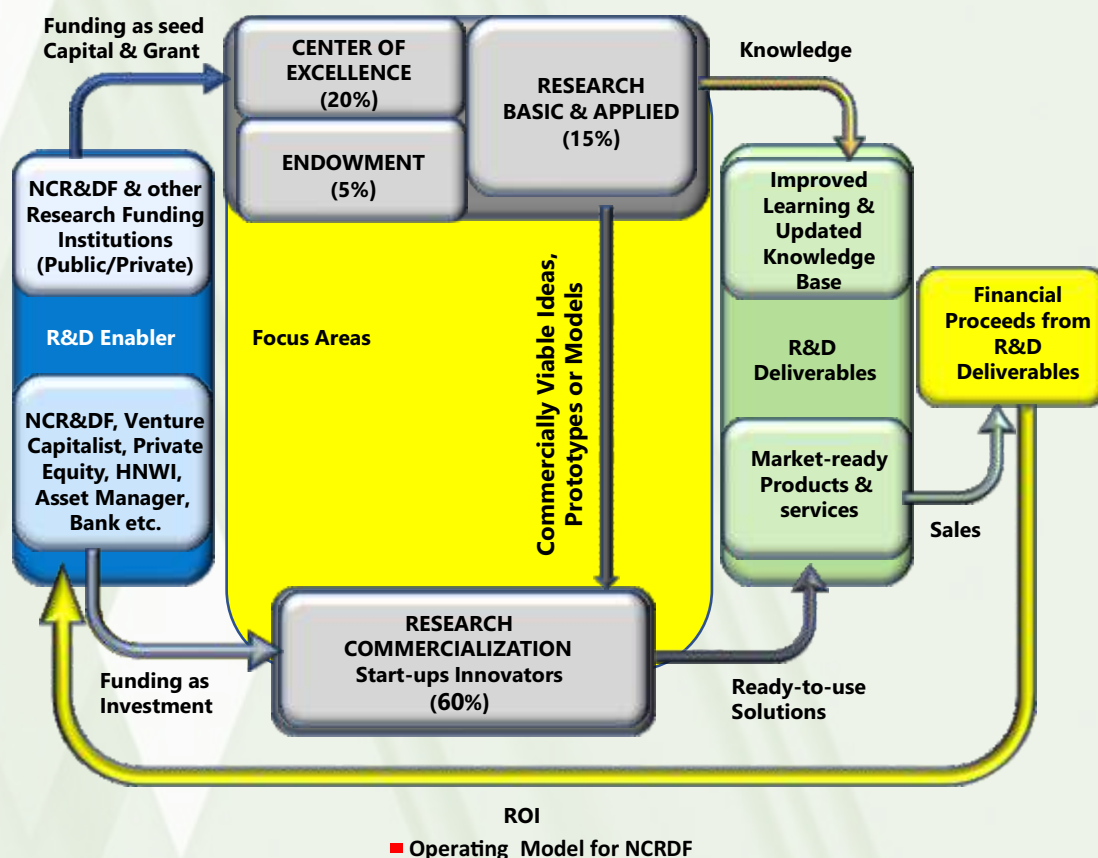
To achieve its mandate, NCDMB has developed the R&D framework anchored on seven (7) policy thrust:

1. Focus on market-driven research.
2. Establish world class Research and Development (R&D) Centers of Excellence
3. Establish Research and Development Council.
- 4. Provide sustainable funding to support Research and Development.**
5. Develop stakeholder collaboration matrix for Research and Development (R&D).
6. Provide enablers for commercialization of research breakthrough.
7. Facilitate acceptance and utilization of products of research by end users.

# OPERATING MODEL FOR NIGERIAN CONTENT RESEARCH AND DEVELOPMENT FUND (NCRDF)

A \$50 Million NCRDF has been created to drive NCDMB'S INTERVENTION IN R&D.

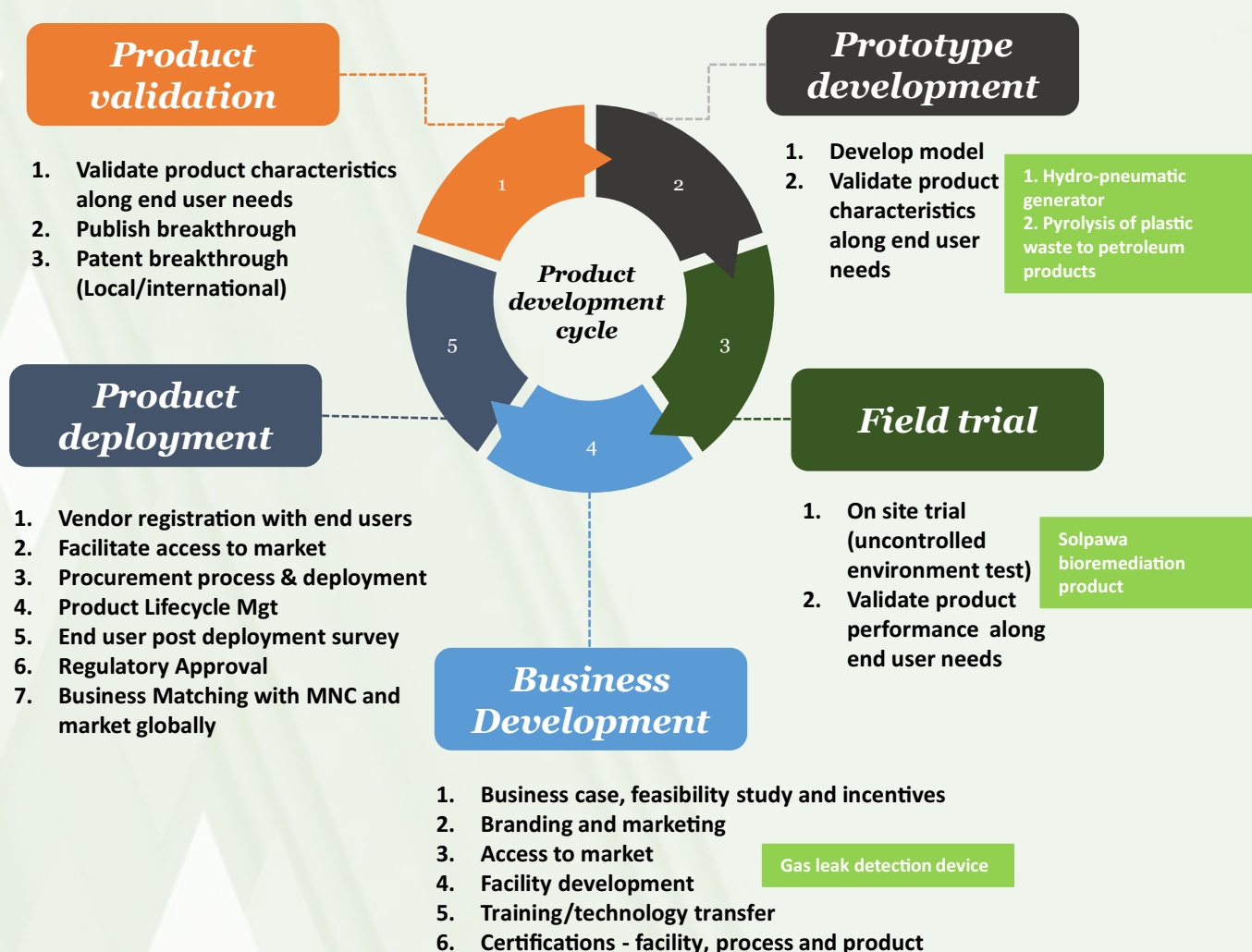
1. Strategic enabler for home grown technology development.
2. Position NCDMB as a leader in structured funding for Research.
3. Four (4) focus areas - Research studies, commercialization of Research, establishment of Centers Of Excellence (CoE) and endowment of Professorial Chair.
4. Involves multiple stakeholders with deep knowledge of Research for development.
5. Potential to attract co-funding from venture capitalist and foundations to support indigenous technology development.
6. KPIs set to ensure utilization is outcome-focused.





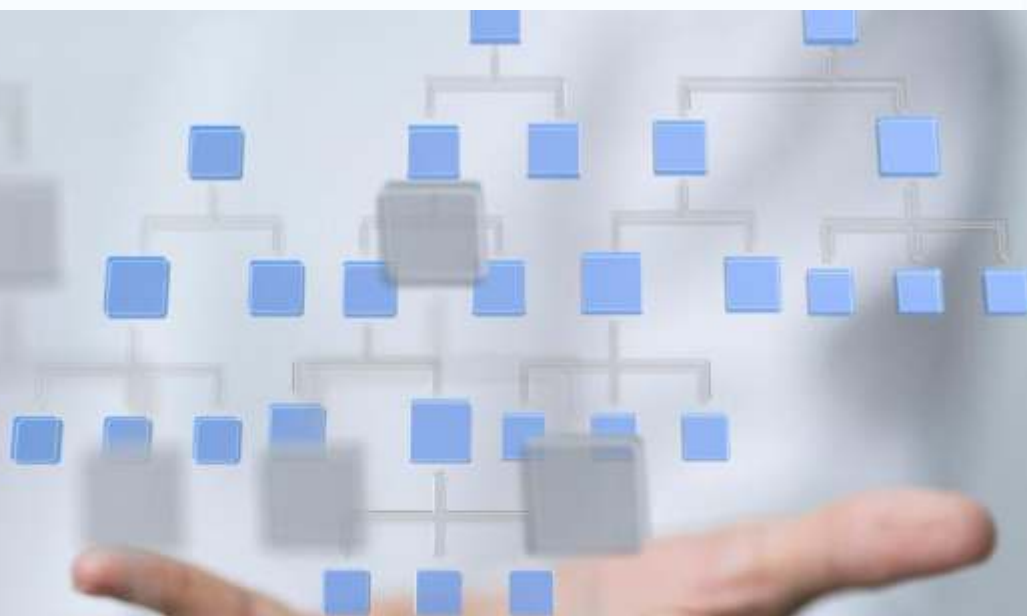
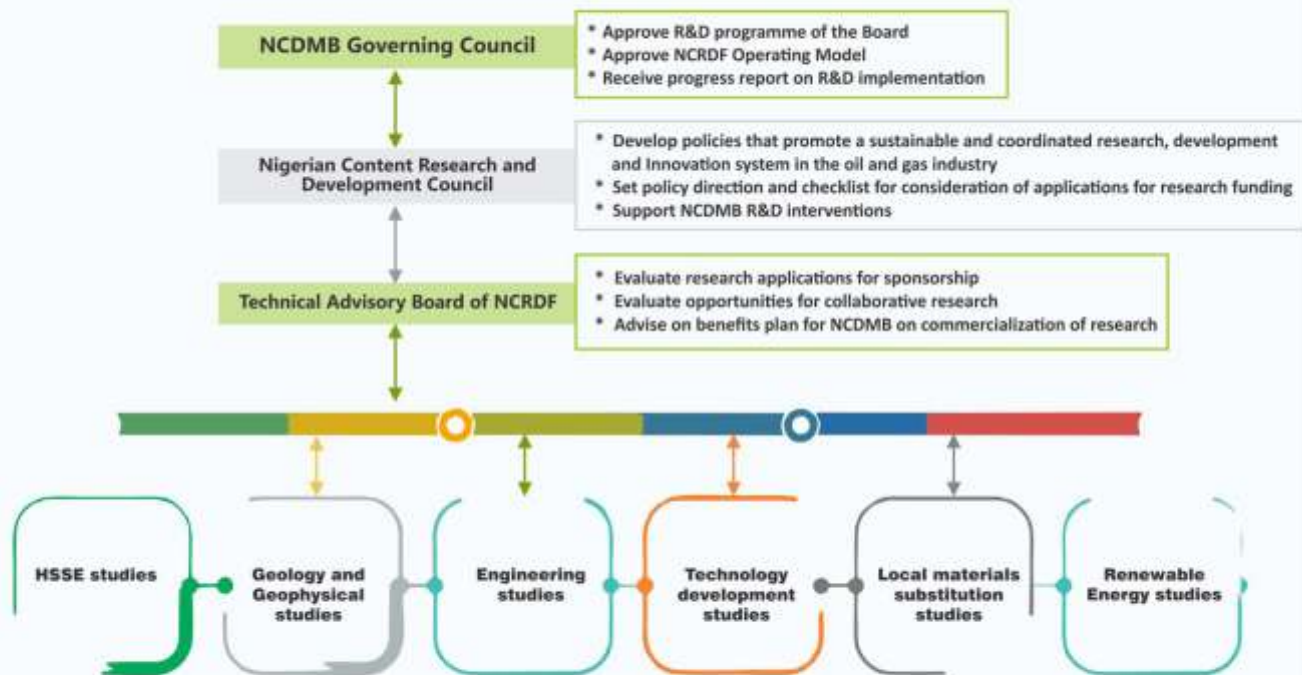
# Research Commercialization Framework

A Framework for commercialization of Research with high market proposals has been developed to drive NCDMB's intervention in commercialization of Research



Framework aligned to API process for approval of new technology

# NCRDF GOVERNANCE STRUCTURE







## A Technical Advisory Board has been Inaugurated to ensure transparent evaluation of proposals for research funding

### Membership of TAB

S/NO	ORGANIZATION	NAME	POSITION
1.	NCDMB	Mr. Patrick Daziba Obah	Chairman
2	NCDMB	Mr. Abdulmalik Halilu	Alternate Chairman
3	NCDMB	Mr. Ofili Obinna	Member
4	NNPC Group	Engr. Sugungu Mustafa Magaji	Member
5	DPR	Engr. Musa J. G	Member
6	Petroleum Training Institute	Dr. (Mrs) Sarah Atedubie	Member
7	OPTS	Mr. Ijuwe Albert	Member
8	PCTS	Nelson Wilbert	Member
9	Petroleum Technology Association of Nigeria (PETAN)	Prof. Michael Onyekonwu	Member
10	IPPG	Engr. Charles Pepple	Member
11	Research Expert	Professor Krishnan Balasubramaniam	Member
12	Research Expert	Prof. Joel Ogbonna	Member
13	Venture capitalists and Co-funders	Somachi Chris Asoluka	Members
14	NCDMB	R&D Department of PRS	Secretariat of the TAB



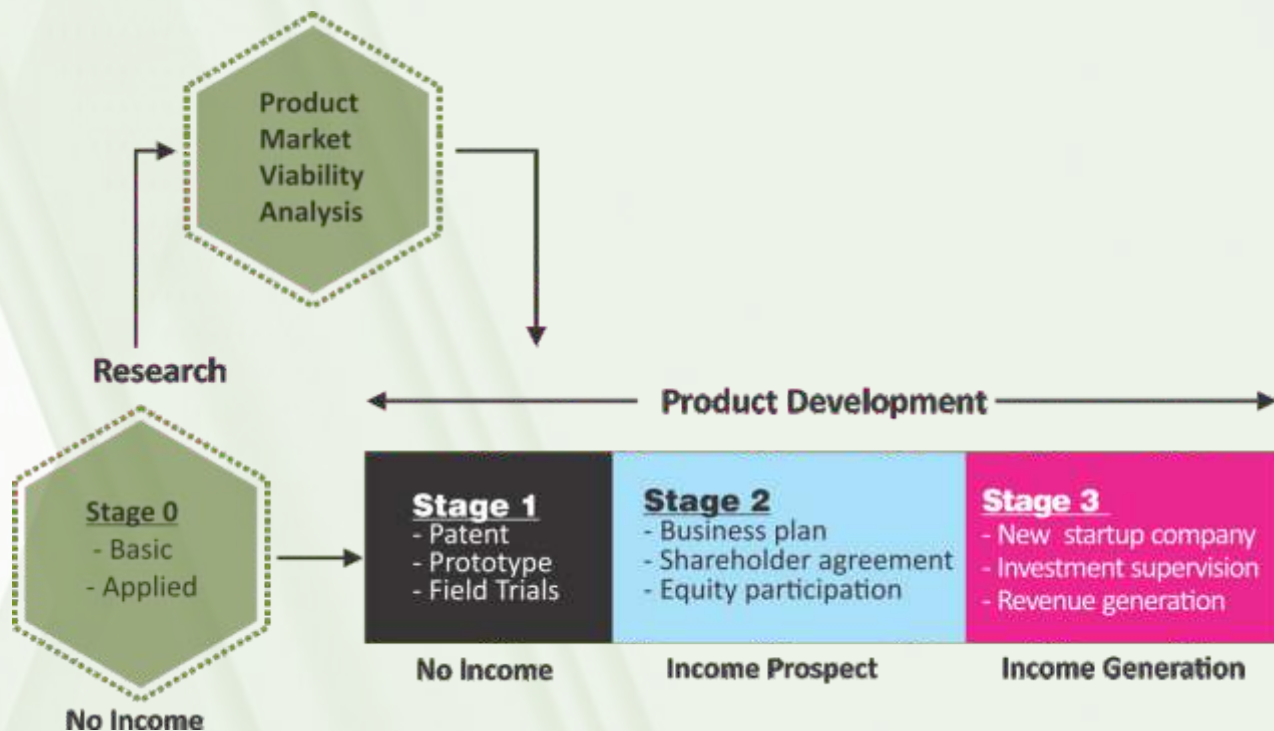
## Target Measurable Impact of NCDRF

The success of the NCRDF shall be measured by the following metrics:

Activity	Year	Measurable target
Number of IP registrations sponsored	2021	3
	2022	6
	2023	9
Number of applied research proposals sponsored	2021	5
	2022	7
	2023	9
Number of basic research proposals sponsored	2021	6
	2022	9
	2023	10
Number of sponsored prototype development	2021	3
	2022	5
	2023	8
Number of commercialized research outcomes certified for industry application	2021	1
	2022	2
	2023	2
Number of collaborative researches achieved	2021	1
	2022	3
	2023	5
Number of field trial/tests sponsored	2021	2
	2022	3
	2023	3

# NCRDF FUNDS RELEASE PROTOCOL

A process has been developed for the release of funds from NCRDF











## **Nigerian Content Development and Monitoring Board**

**Nigeria Content Tower**  
OX-Bow Lake, Swali, Yenagoa  
Bayelsa State.

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