



Building Resilient Vaccine Ecosystem: From Regulatory Perspective

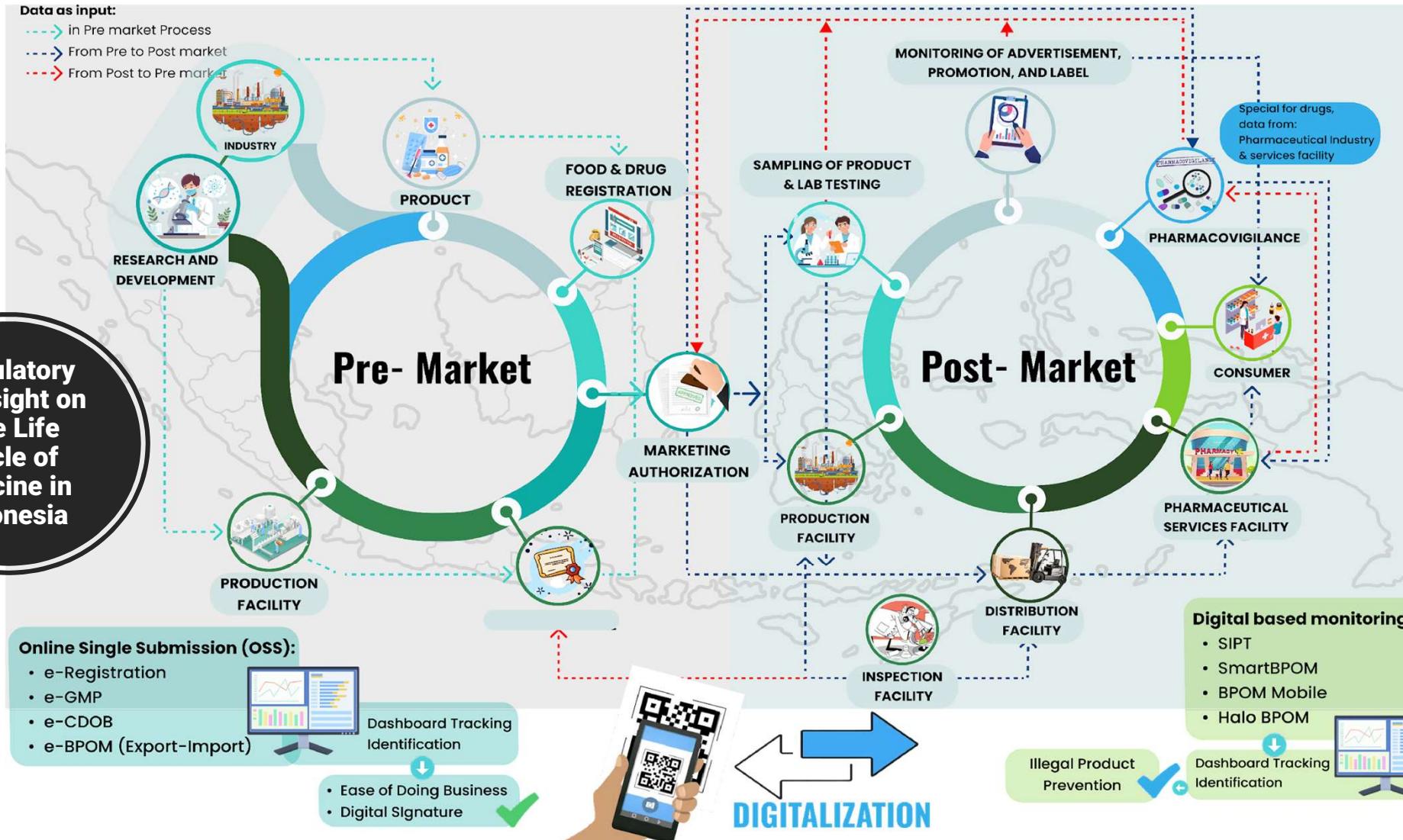
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26th Annual General Meeting (AGM)

Developing Countries Vaccine Manufacturers' Network (DCVMN)

Bali, 30 October 2025



Harmonization of Regulatory Frameworks

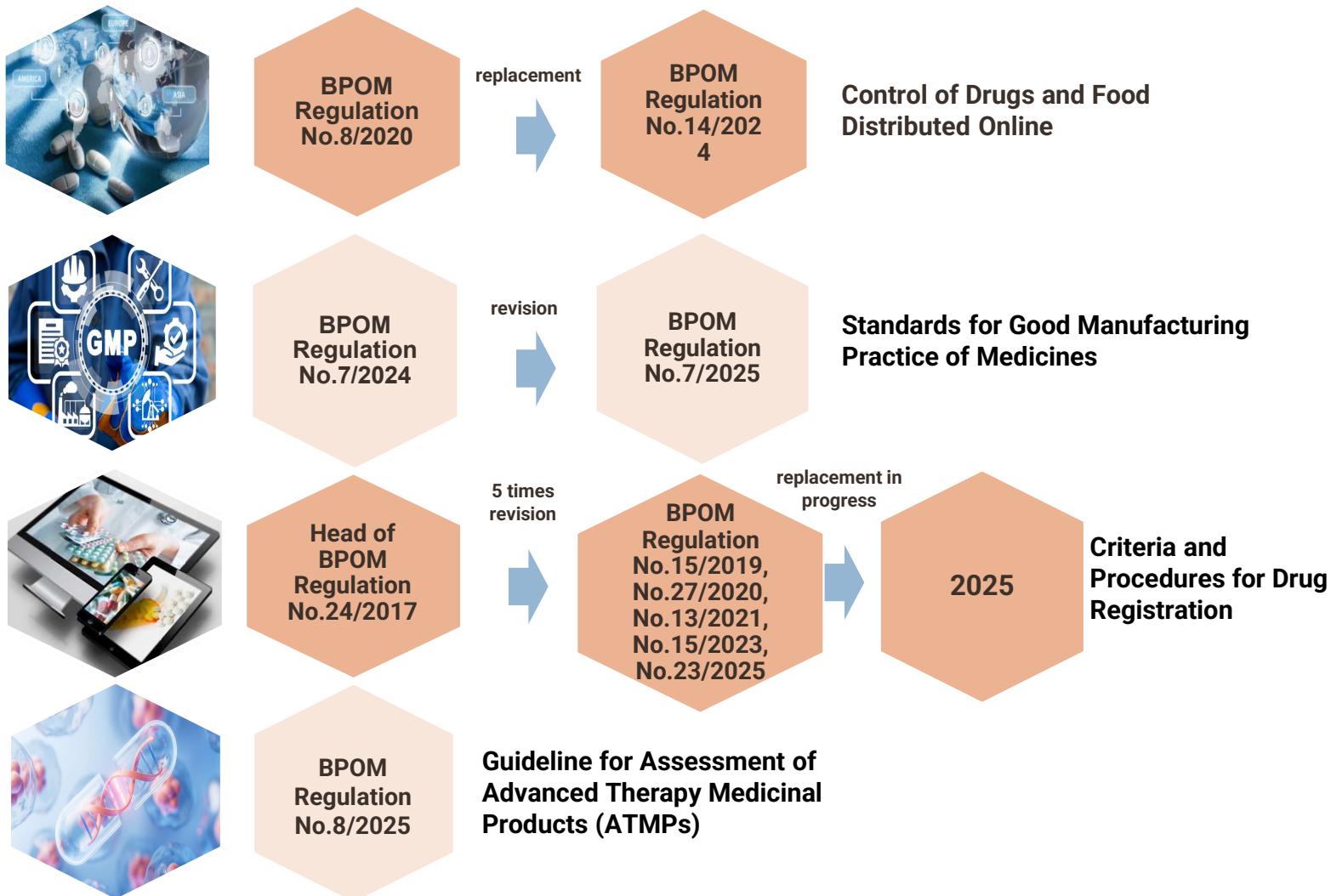


- **Adopt international standards**
(e.g., WHO, ICH, EMA, FDA, ASEAN)
- **Participate in reliance models,**
with Europe, USA, UK, Australia, Canada, Japan, and Swiss as reference countries
- **Streamline regulatory reviews**
via regional alliances as BPOM's experiences in the joint assessment with WHO, EMA, and ASEAN countries

Agility Regulation

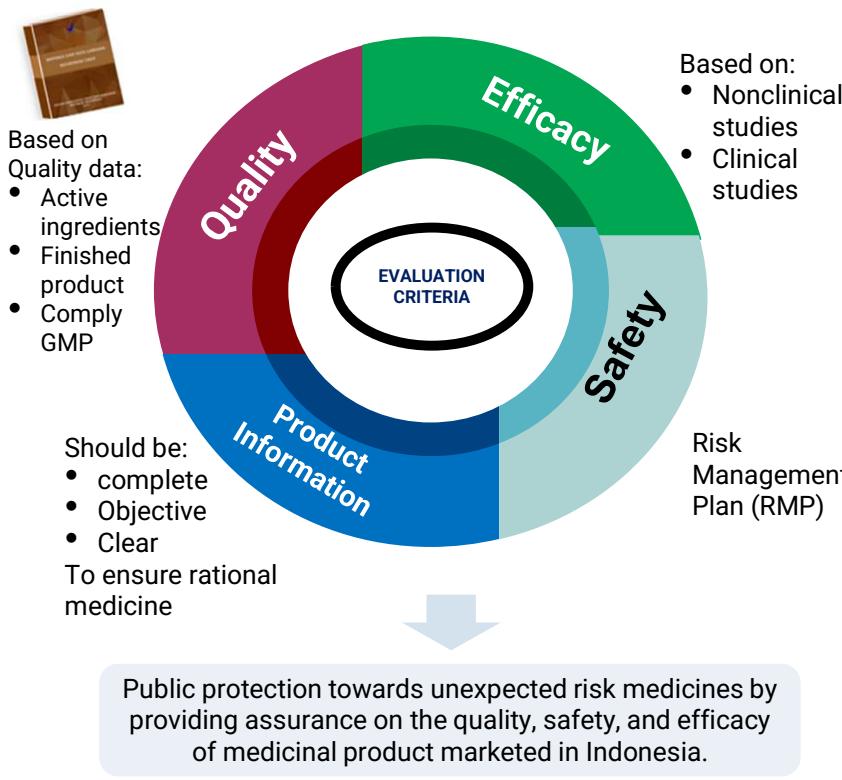
BPOM is always establishing on agile and adaptive regulation in view of technological changes and global trends

Recent regulation highlights



Marketing Authorization Vaccine Oversight

Medicines & Biologicals, including vaccine's Evaluation Criteria (Risk-Based Assessment)



Accelerated Pathway for Drug Registration

BPOM support the investment on providing innovative drugs in Indonesia, in order to promote the availability of innovative medicine in Indonesia

BPOM provides accelerate review process of new drug through 90 working days for reliance to 7 reference countries



50 working days for IND by Pharmaceutical Companies Investment in Indonesia

Regulatory Support for Expediting Vaccine Access

Expedited Pathways for Emergency Use



Create Emergency Use Authorization (EUA) frameworks
(20 working days)



Utilize rolling submissions



Support adaptive clinical trial designs

Regulatory Assistance for Drug Development



During drug development (Investigational New Drug)

During clinical trial

During drug registration

Toward WHO-Listed Authority



BPOM is now in progress to achieve **WHO-listed Authority (WLA)** status for vaccine from WHO

Benefits of BPOM as one of WHO-listed authority for vaccine industry:

- Strengthening global trust in Indonesian vaccine
- Increase the number of reference countries in reliance program
- Facilitating vaccine exports to global market
- Improving vaccine production and quality standards
- Strengthening industrial competitiveness and innovation
- Increasing investment and international cooperation in vaccine industry

Regulatory Support for Manufacturing

Expedite site approvals and technology transfer reviews

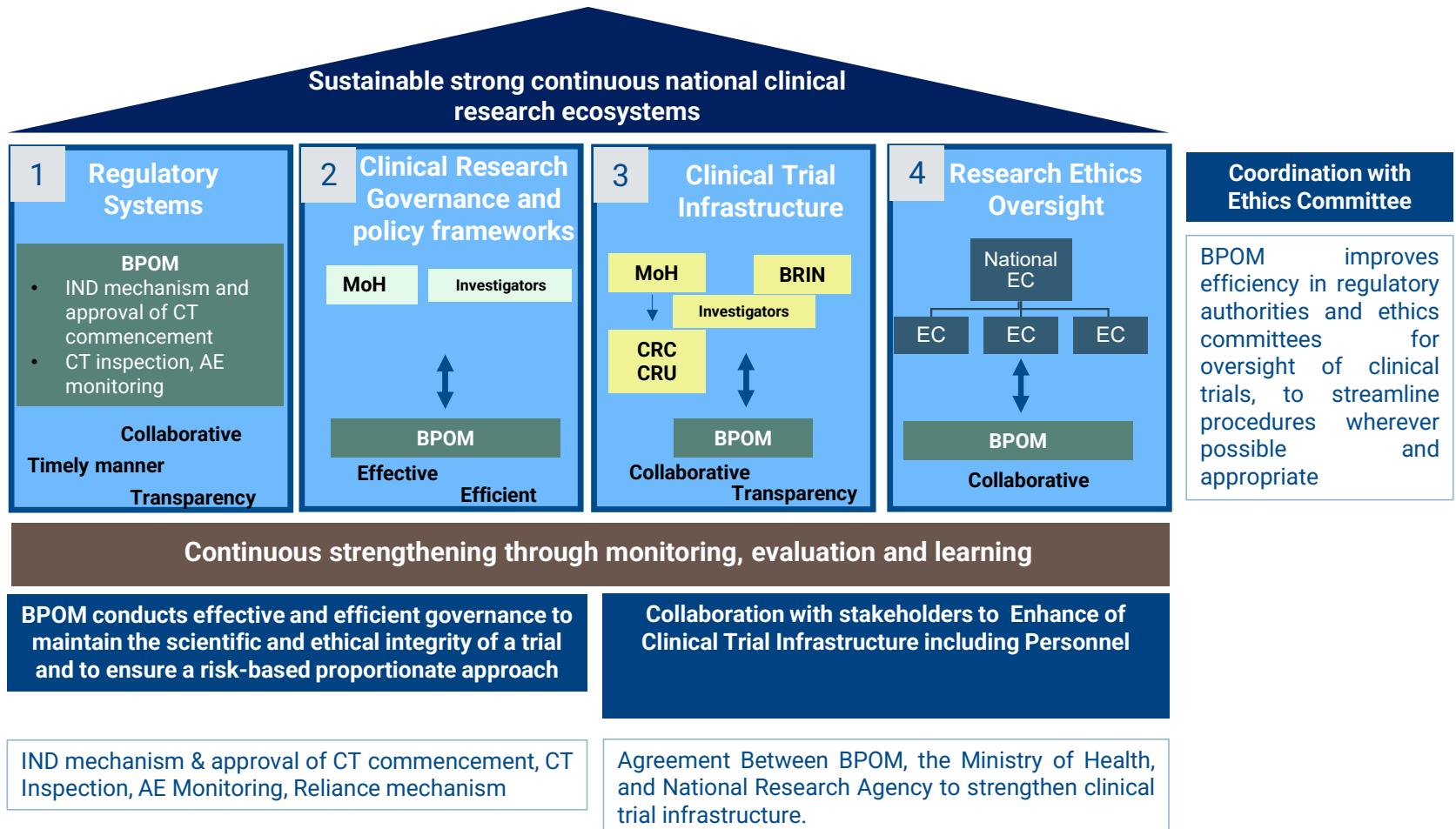


100 working days

Fast-track GMP certifications for new manufacturing facilities

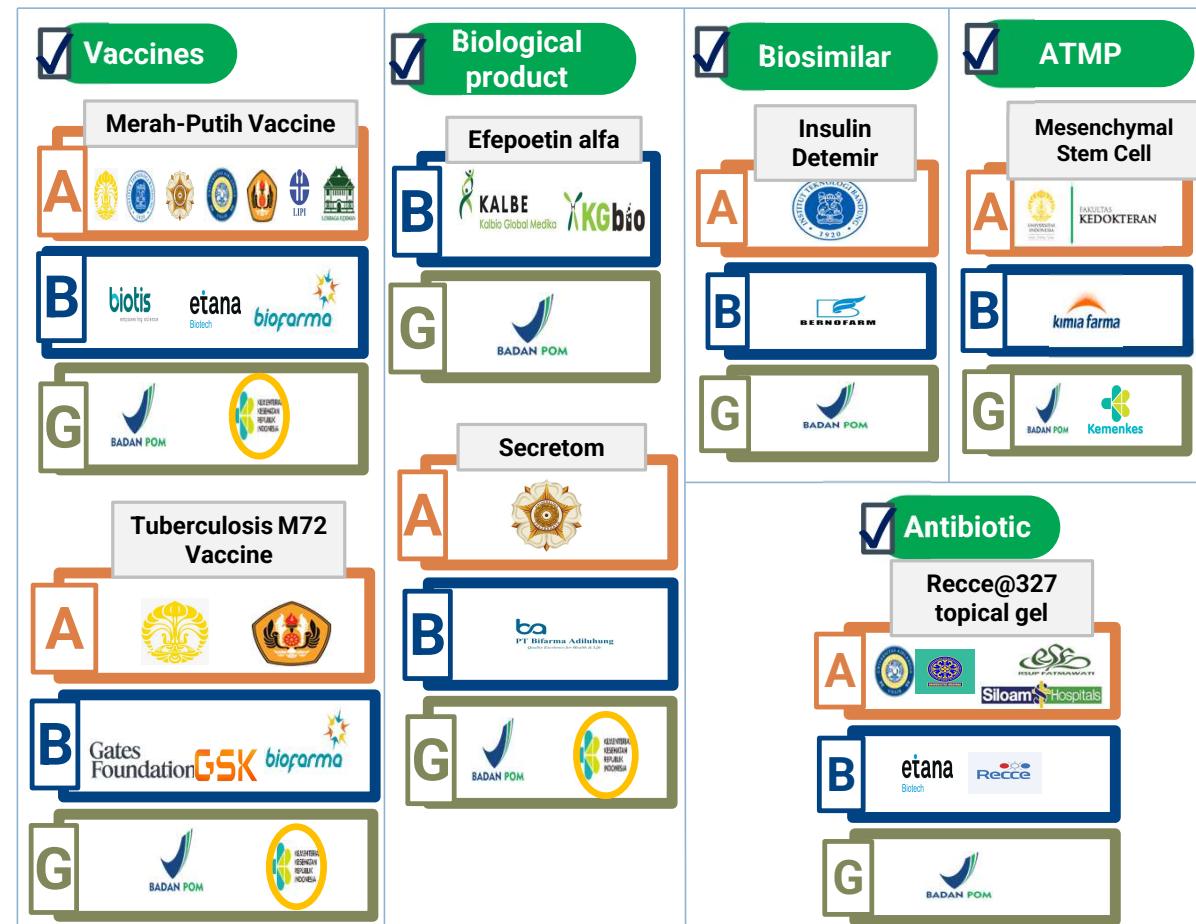
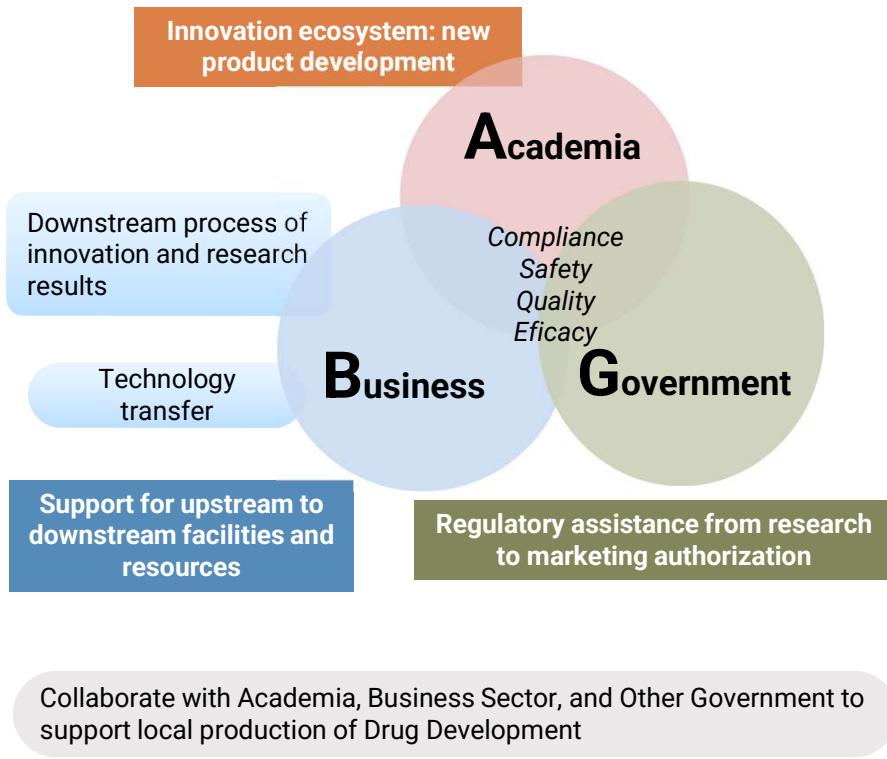
Collaborative Governance and Oversight for Clinical Trial in Indonesia

1. BPOM performs digital business process
2. BPOM involves advisory committee
3. BPOM & MoH facilitate appropriate data sharing for transparency
4. BPOM uses WHO Global Benchmarking Tools (GBT) to improve CT function



ABG Collaboration and Successful Models of Collaboration in Indonesia

Triple Helix Collaboration in the Innovation Ecosystem



Way Forward

-  WLA achievement
-  Strengthen Regulatory Reliance and Global Collaboration
-  Enhance Regulatory Agility and Innovation Pathways
-  Support Local Industry and Self-Reliance and Strengthen the ABG Collaboration
-  Build Sustainable Capacity and Regulatory Excellence





BADAN POM