

CENTRAL LAB MANAGEMENT (CLM)

Assoc. Prof. Engr. Dr. Janatul Islah Mohammad

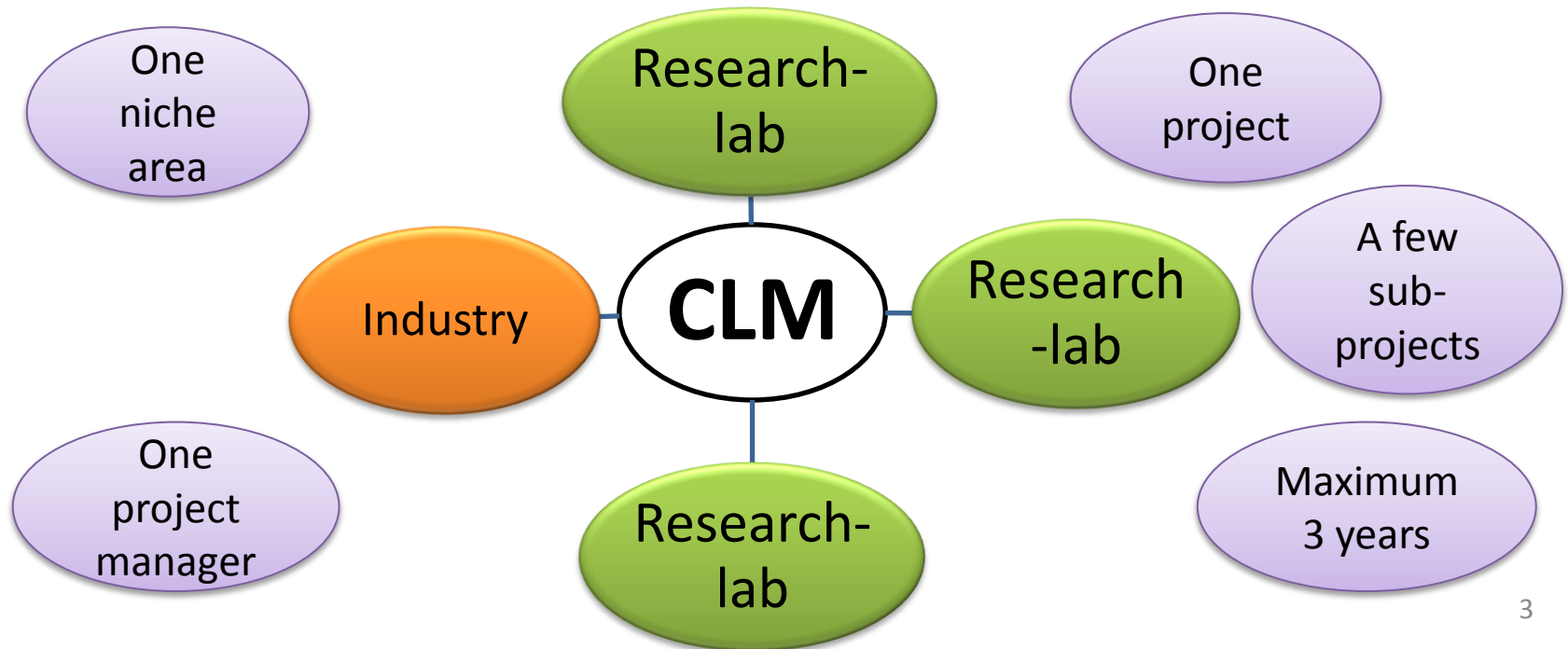
15 May 2013

Background

- Amanat Menteri 2013
- MOHE new research program:
 - lab-based collaboration between IHL and industry
 - focused research niche
 - to break the barrier between researchers' working in the same niche
 - increasing commercialisation potential

Overview

- A **collaborative-based research programme** between local industries and IHL
- **At least 3 research laboratories** from **different IHL** to carry out specific industrial-driven research projects
- The research team should aim to produce **total R&D solution** based on a specific niche area and thus able to show **commercialisation potential**.



The Vision

Bridging the gap to foster research laboratories collaborations and knowledge sharing between academia-industries



The Mission

- To develop research programmes focus on specific four(4) strategic niche areas for smart collaboration between academia and industry
- To enhance activities of Research & Development & Commercialisation (R&D&C)
- To produce total solution showcase that ready to be commercialised.

Niche Areas

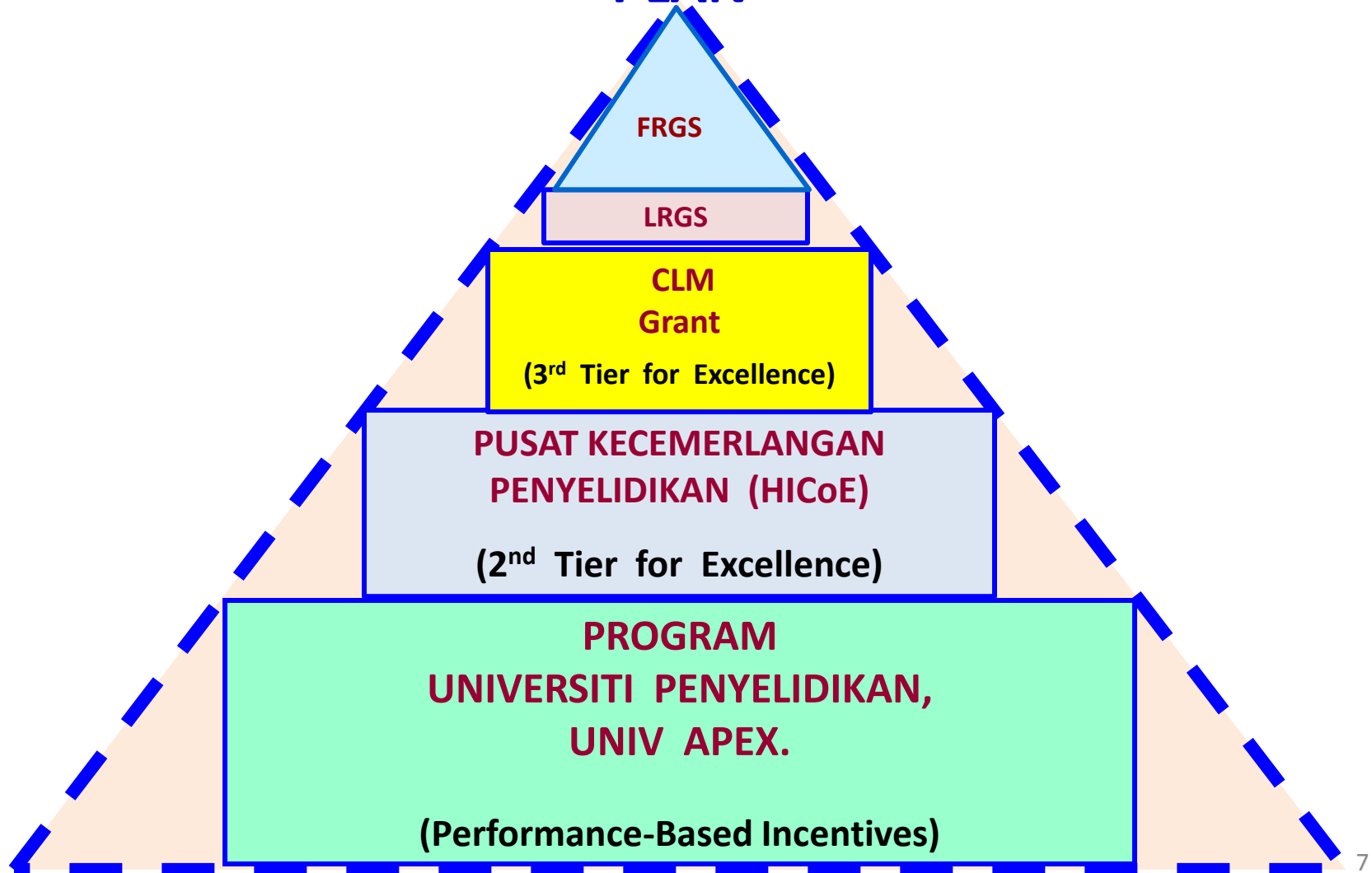
- i. Nanotechnology
- ii. Biotechnology
- iii. Automotive
- iv. Aerospace



* Based on budget 2013 speech

EXCELLENCE PROGRAMME UNDER THE 10th MALAYSIA

PLAN

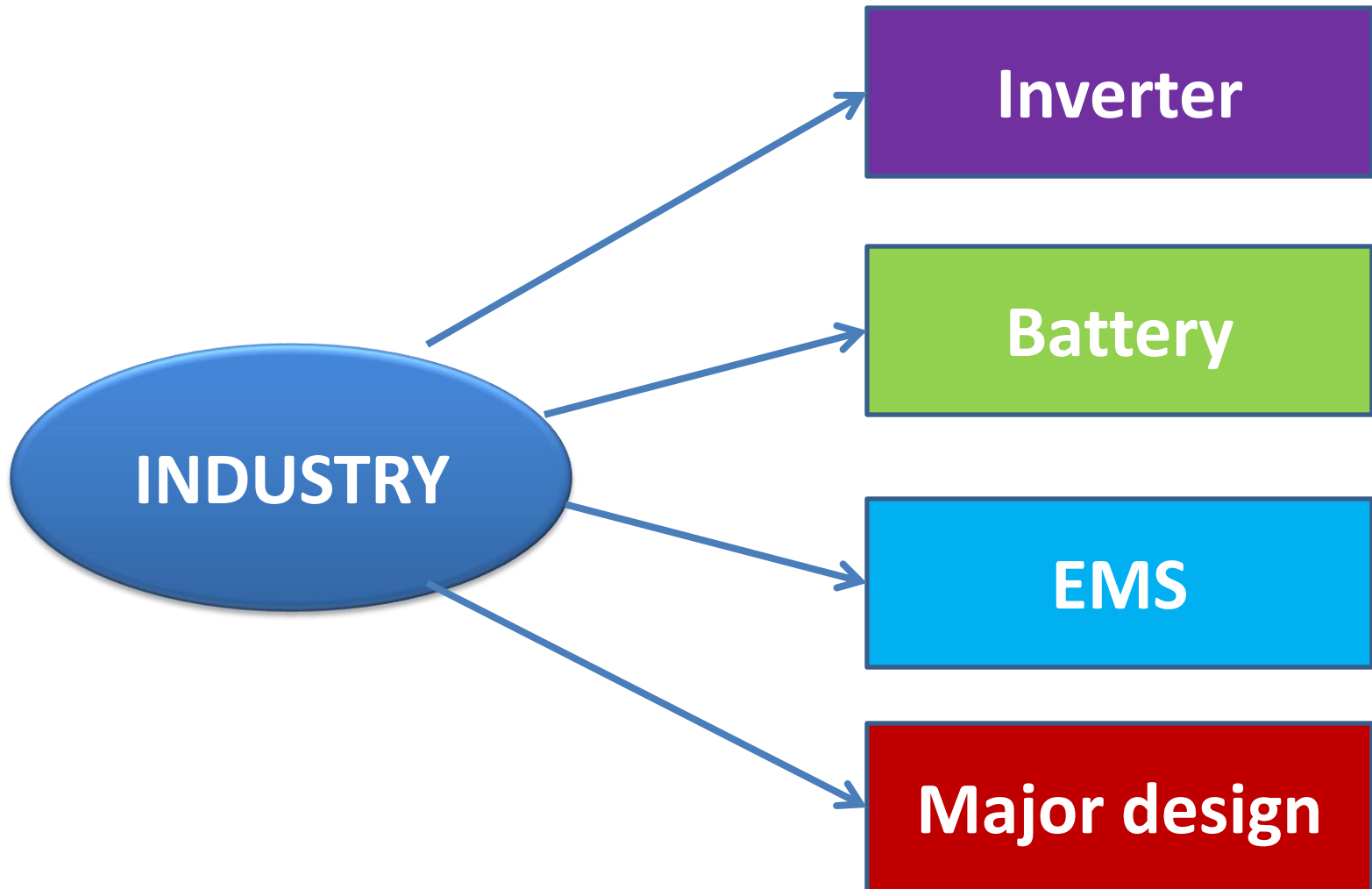


Who can take part?

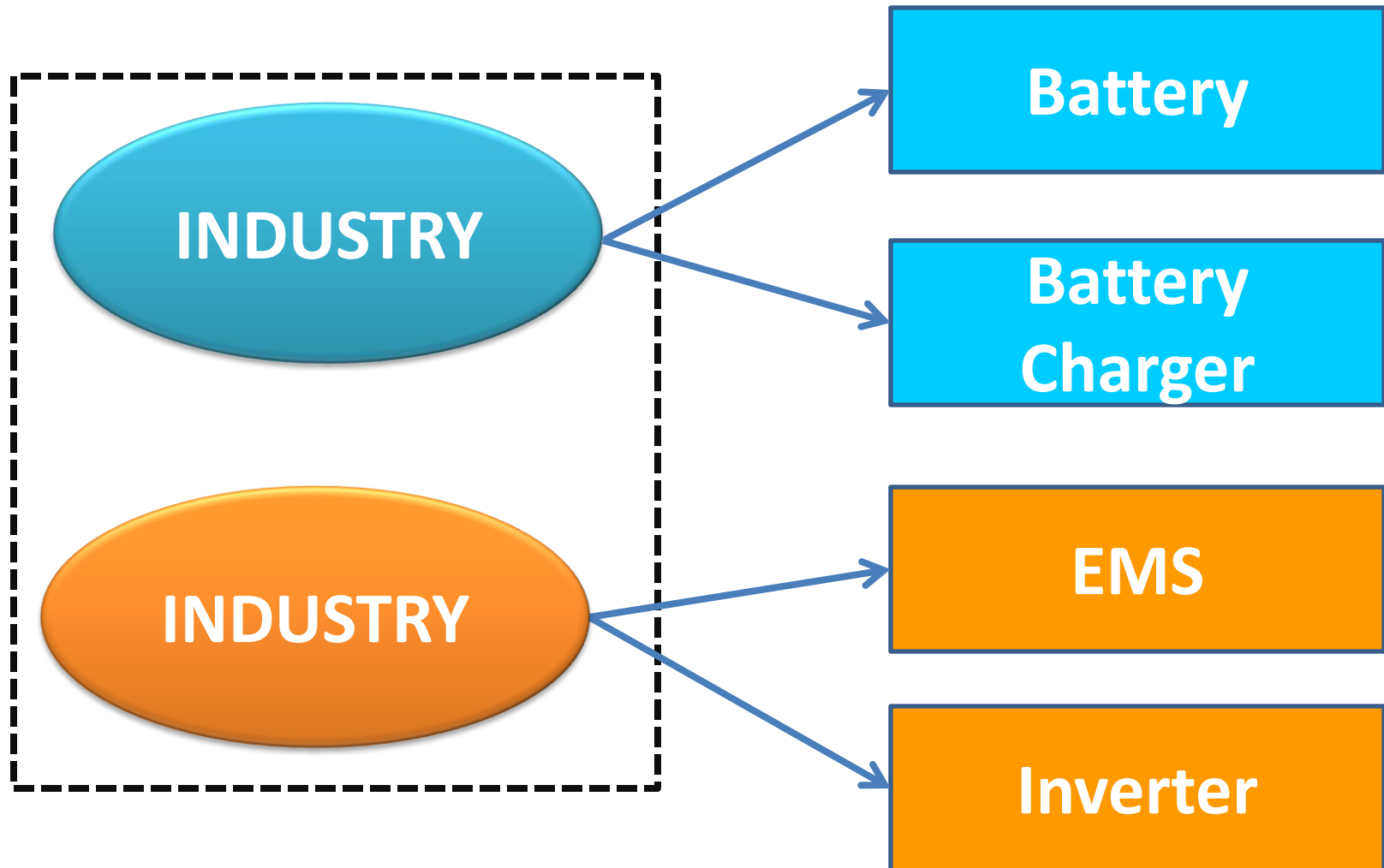
- All research laboratories in Local IHL
 - with fully equipped laboratory
 - possess expertise in specific niche area
- Local Industries
 - technology-ready
 - demand-driven



COLLABORATIVE MODEL 1

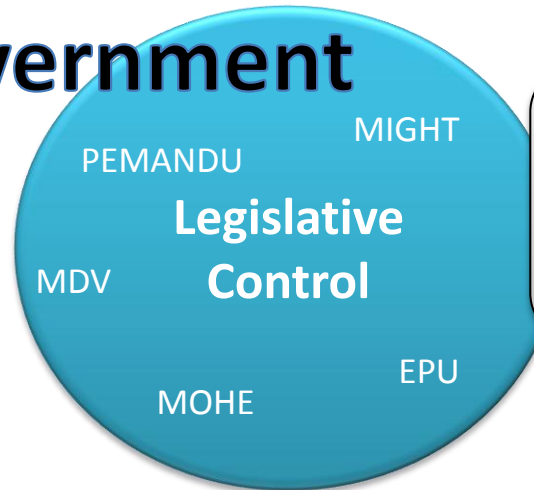


COLLABORATIVE MODEL 2



Triple Helix Synergy of CLM

Government

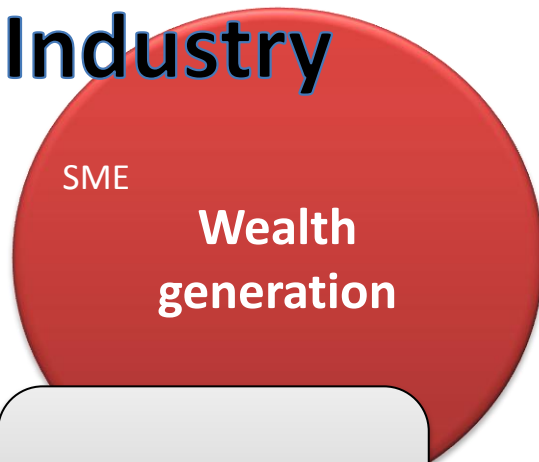


- CLM funding
- Ease of business
- Facilitate issues of inter-agency

Political
Economy

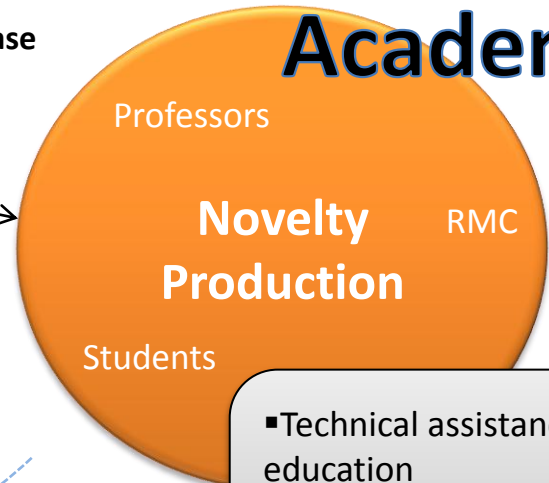
Knowledge
Infrastructure

Industry



- Venture capital
- Market and production expertise

Academia



- Technical assistance & education
- Supplies human capital
- Forges collaboration

Total Solution Showcase

Technological & Knowledge
Innovation

Privileges

- Intellectual Property (IP) sharing between the researchers and the industry partners
- Win-win situation
 - ✓ fulfill the market needs & demands
 - ✓ opportunities for collaboration & partnership
- Future collaborative-based business venture

Roadmap of CLM

Development Process of CLM

- ☐ Establishment of Board Of Governance and Executive Council
- ☐ Development of terms of reference (TOR) and application guidelines
- ☐ Application, evaluation, launching, grant disbursement

Collaboration between IHL and Industry

- ☐ Maximum allocation of RM10 million to each CLM project in order to ensure the transfer of technology and expertise to advancing the strategic niche areas (Nanotechnology, Biotechnology, Aerospace and Automotive) between academia and industry.

Monitoring

- ☐ Performance reporting every six months together with site visit

Enhancing the Activities of Research and Development and Commercialisation (R&D&C)

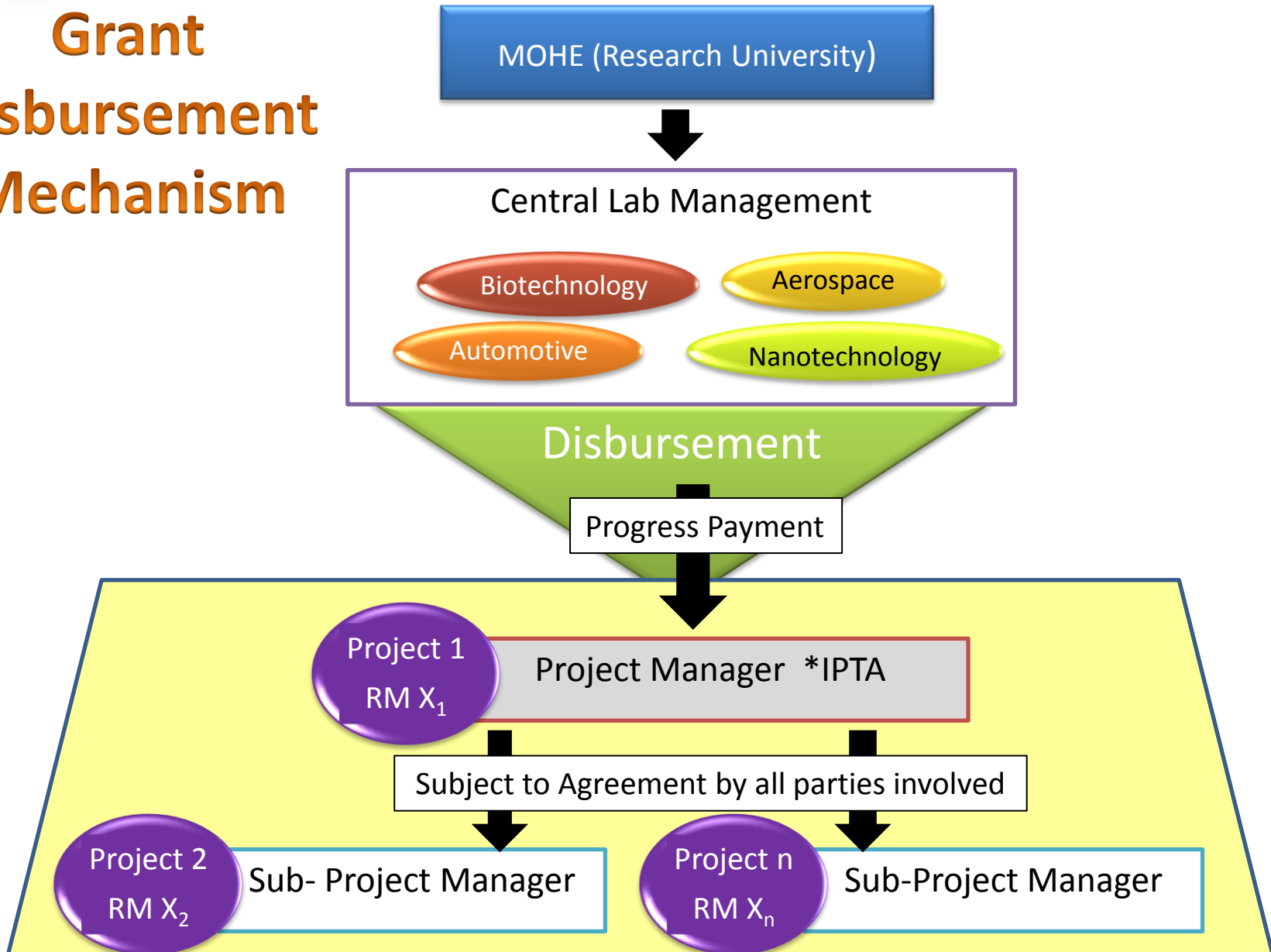
- ☐ To facilitate issues/problems with respect to inter-agency requirement

Jan - July 2013

Aug 2013– Jun 2014

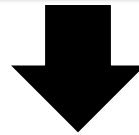
Jul 2014 – Dec 2016 (max)

Grant Disbursement Mechanism

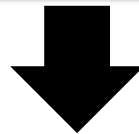


Important dates

Due date of concept paper submission: **31 May 2013**



Results will be announced by **end of July 2013**



Official launching of CLM programme by **end of August/ early Sept 2013**

THANK YOU

