



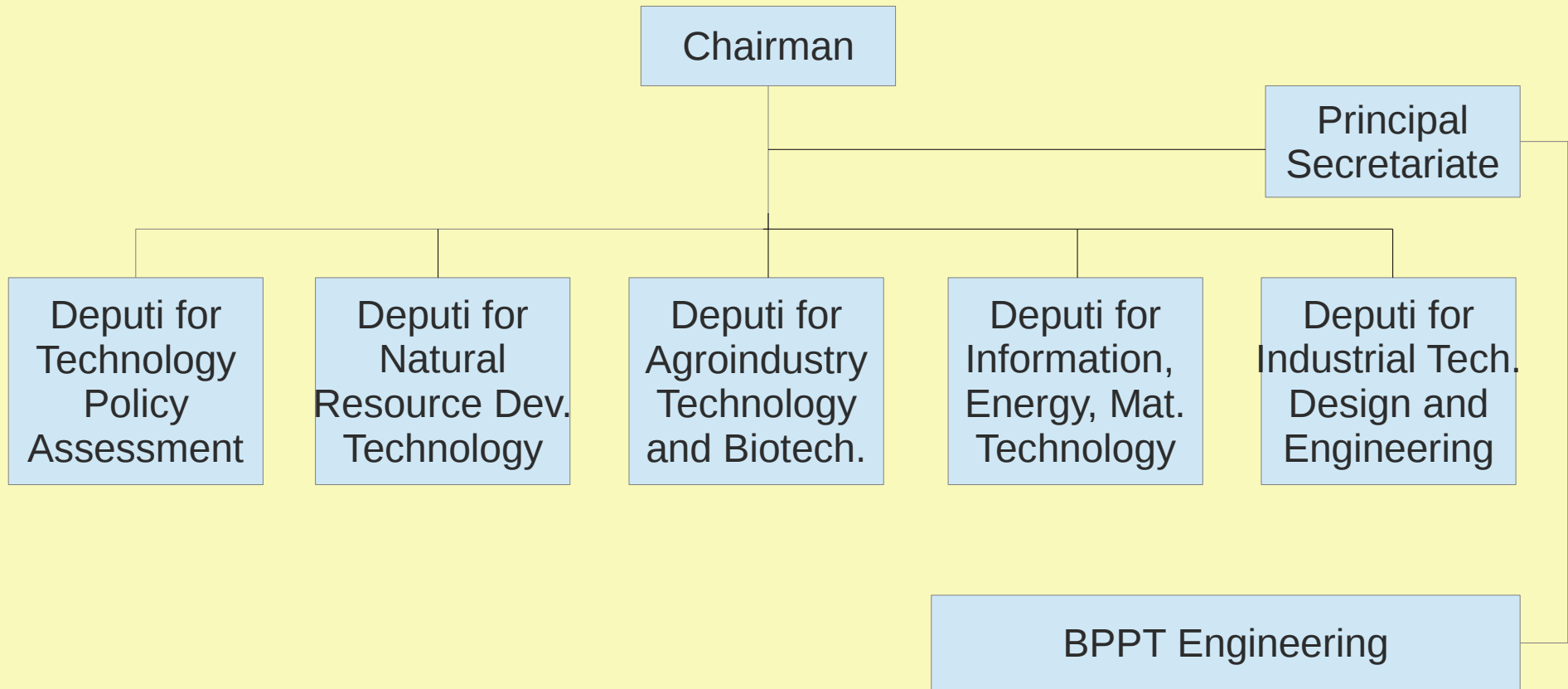
Business Model on Technology Transfer in Indonesian Agency For Assessment and Application of Technology (BPPT)

DEPUTI BIDANG TEKNOLOGI INFORMASI, ENERGI, dan MATERIAL

Introduction

- The Indonesian Agency for Assessment and Application of Technology (BPPT) is Indonesian government institution
- Presidential Decree 25/1978 at 21st August
- Non-ministrial body under coordination of Ministry of Research, Technology and higher education
- Monitoring, guidance and services to government agencies and private organization activities in the field of assessment and application of technology in context of innovation, diffusion, and capacity development, as well as nurturing technology transfer.

Organisation BPPT



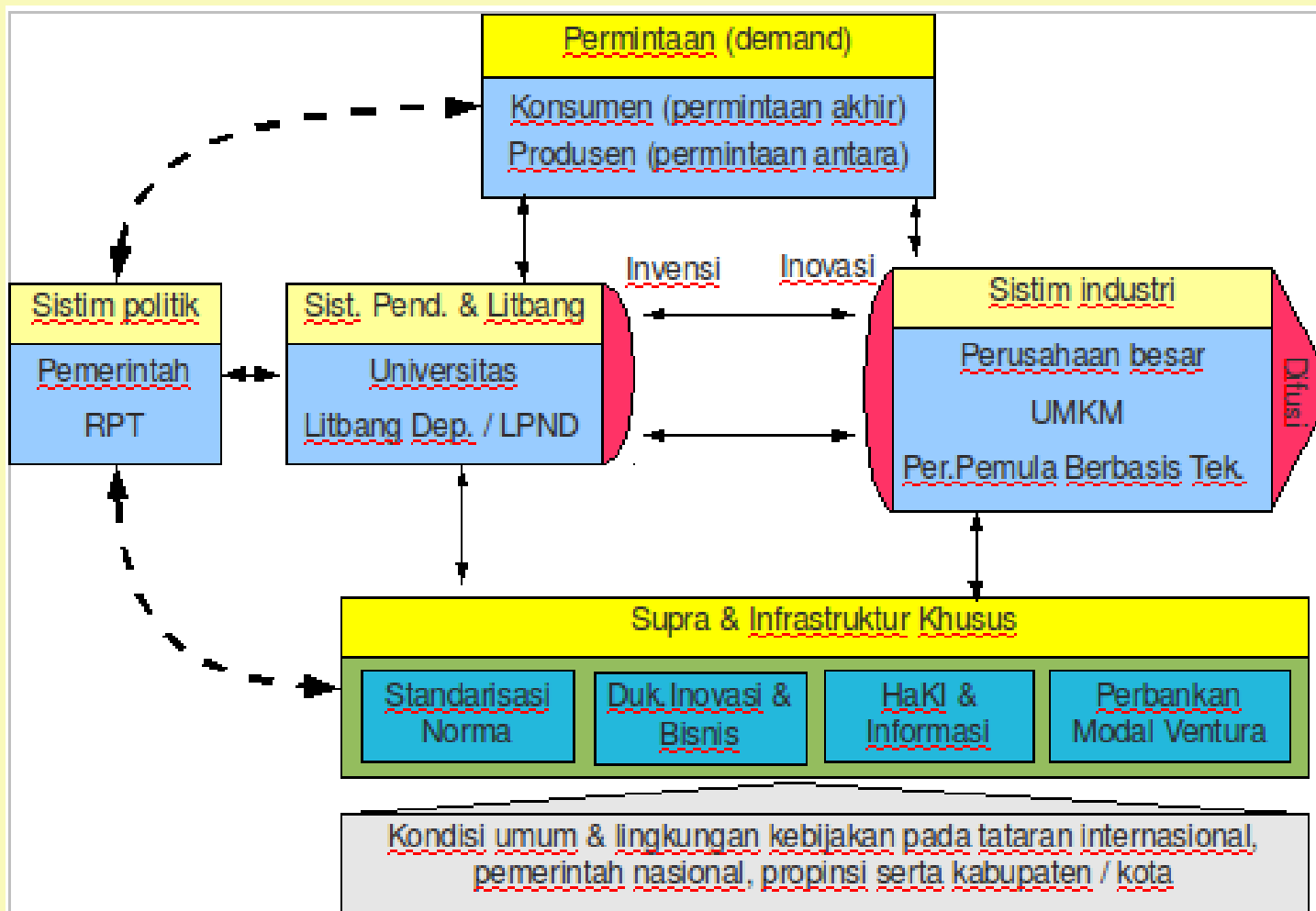
Innovation

- Innovation = Invention + economic value

Process of transforming an invention to become a product or service that are worthy to be paid

- Easy to be replicated with reasonable cost
- Innovation must be at heart of industry to have an economic impact

Innovation Diagram



R-D-E-O

Industry

Operation

University / R&D
Institution

Engineering

- Implementation
- Maintenance

Development

- Manufacturing, economic consd.
- Testing, trial, sertification

Research

- Design
- Prototyping, proof-of-concept

- Explore new hypothesis
- New description/theory

TRL : Maturity measurement

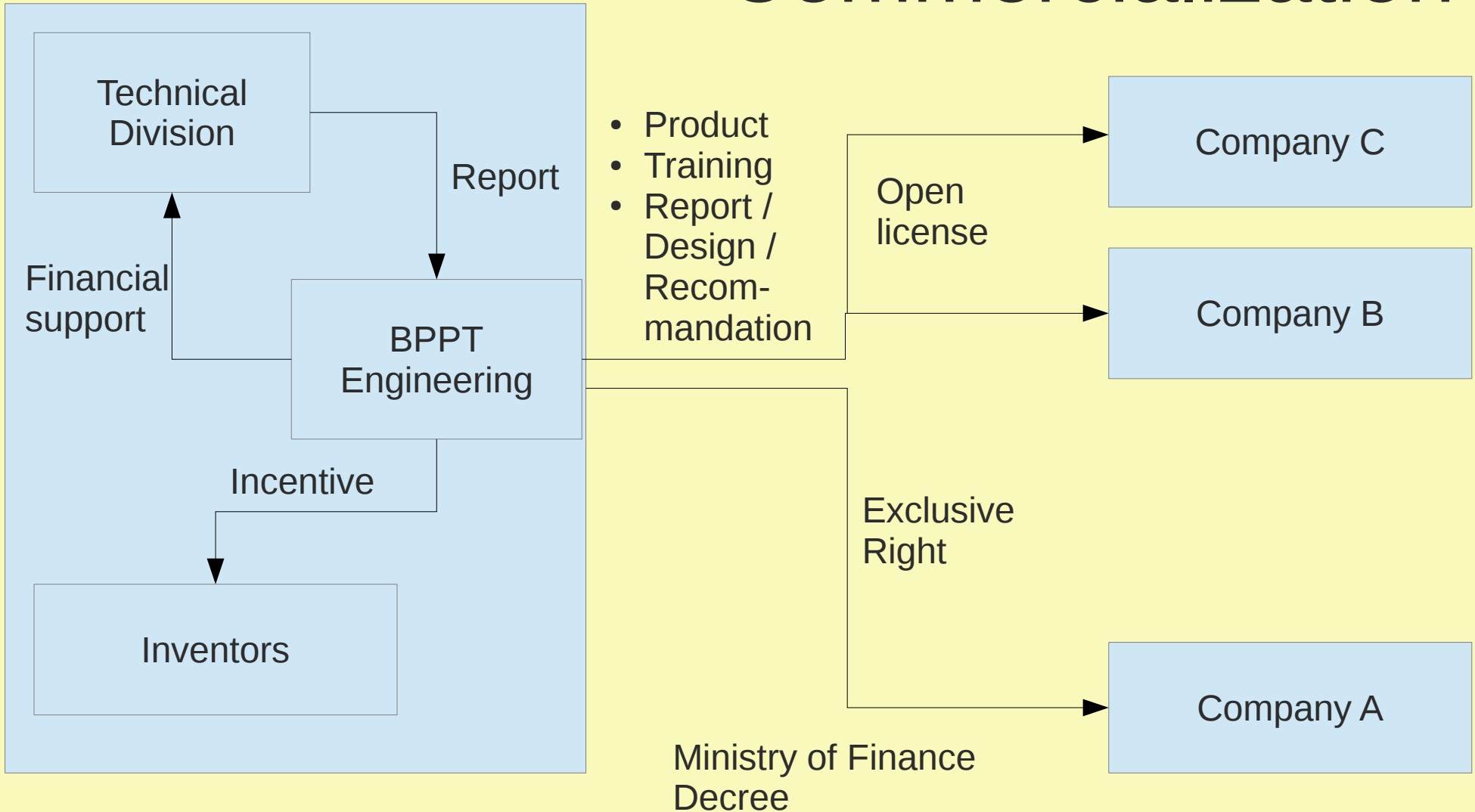
Technology Readiness Levels in the [European Commission \(EC\)](#)^[5]

Technology Readiness Level	Description
TRL 1.	basic principles observed
TRL 2.	technology concept formulated
TRL 3.	experimental proof of concept
TRL 4.	technology validated in lab
TRL 5.	technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
TRL 6.	technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
TRL 7.	system prototype demonstration in operational environment
TRL 8.	system complete and qualified
TRL 9.	actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)

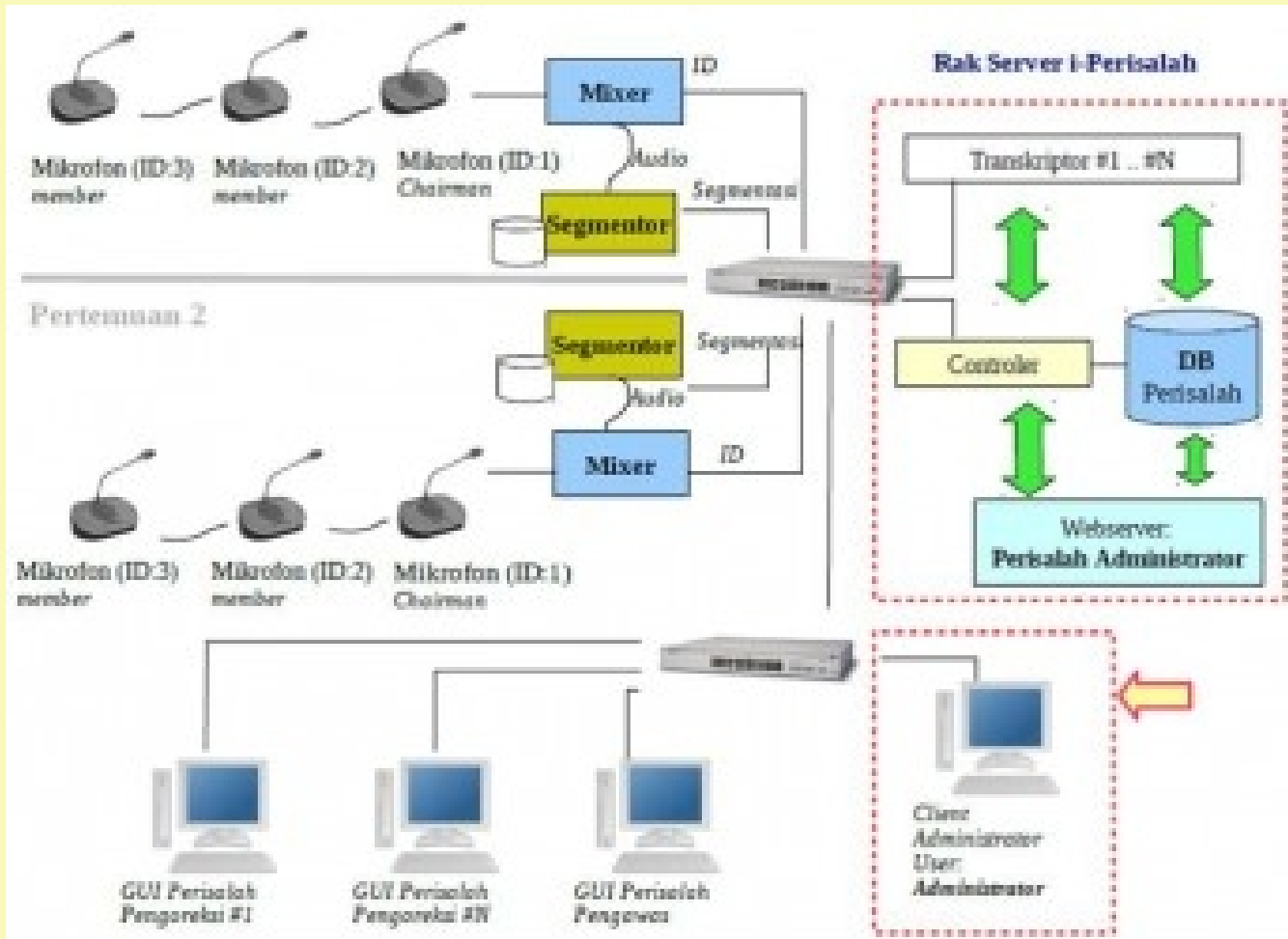
Scope of work BPPT

1. Development product up-to TRL-7 / -8
Proof-of-concept, site testing
2. Registration to Intellectual Property Right
Acknowledgement to the inventors
72/PMK.02/2015 : incentive from patent royalty
3. Sertification for compliance to standard
user safety,
4. Technology recommandation

Commercialization



Perisalah



- Automatic minute-of-meeting
- Multi-room, multi-events
- Simultaneous multiple manual correction on-line/ off-line

Patent : BPPT Industry : PT. INTI User : KY, MK,

Neo Biscuit

- Food in emergency situation
- 480 Kkal / piece
- Balance protein & fat



Patent : BPPT
 Industry : PT. Tiga Pilar Sejahtera
 Users : BNPB, TNI

Thank You

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