



IP MANAGEMENT STRATEGY

A Case Study of Indonesian Institute of Sciences (LIPI)

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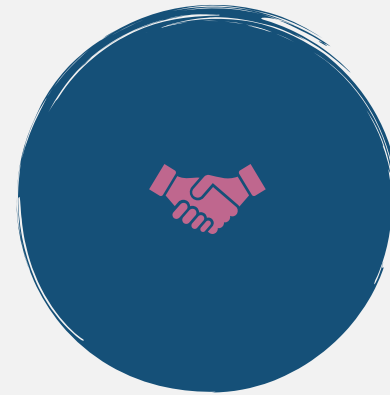
Outline



Research
Institution



Tools and Strategies
to Increase
Intellectual Property



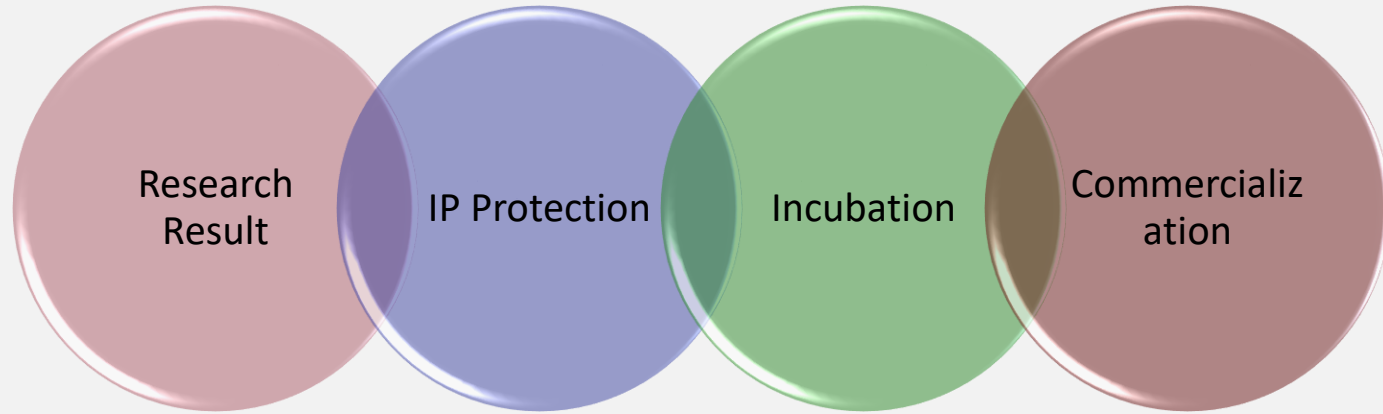
IP
Commercialization

Research & Innovation in Indonesian Institute of Sciences (LIPI)



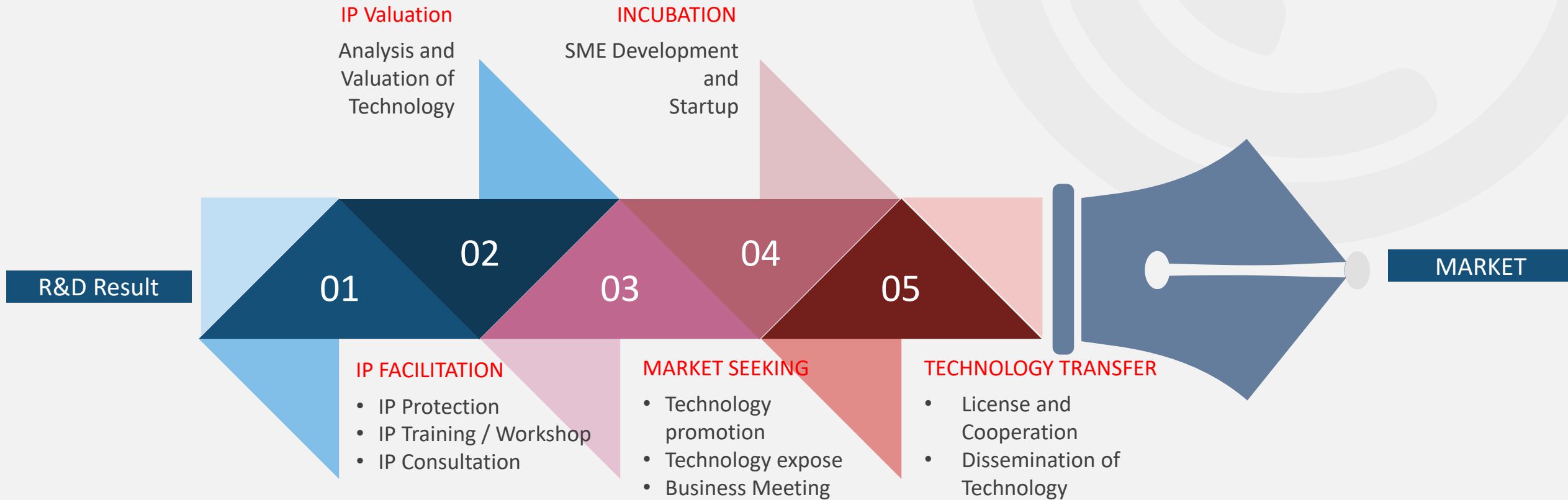
- Largest research Institution
- 22 R&D Centers and 16 Technical Implementation units
- 2000 researcher
- Adequate research laboratories and facilities
- #1 webometric in Indonesia
- Leading patent contributor in Indonesia

Center for the Utilization and Innovation of Science and Technology - LIPI



- ❖ Established in 2001
- ❖ Management of intellectual property and commercialization of R&D results
- ❖ Equipped with national technology business incubator in 2013
- ❖ Management of research facilities

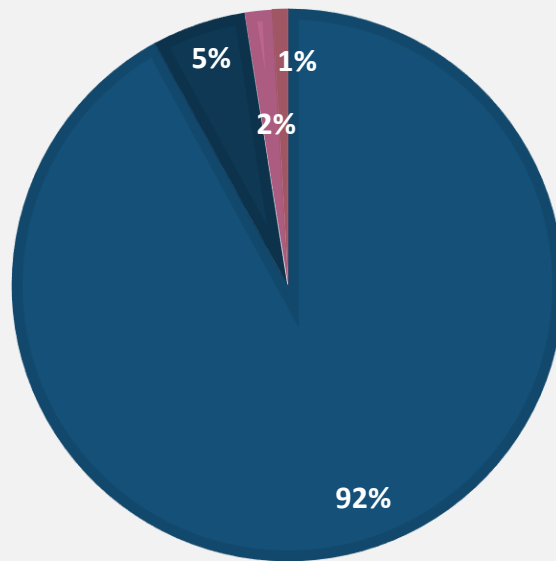
INTELLECTUAL PROPERTY MANAGEMENT AND TECHNOLOGY TRANSFER- LIPI



Intellectual Property of LIPI

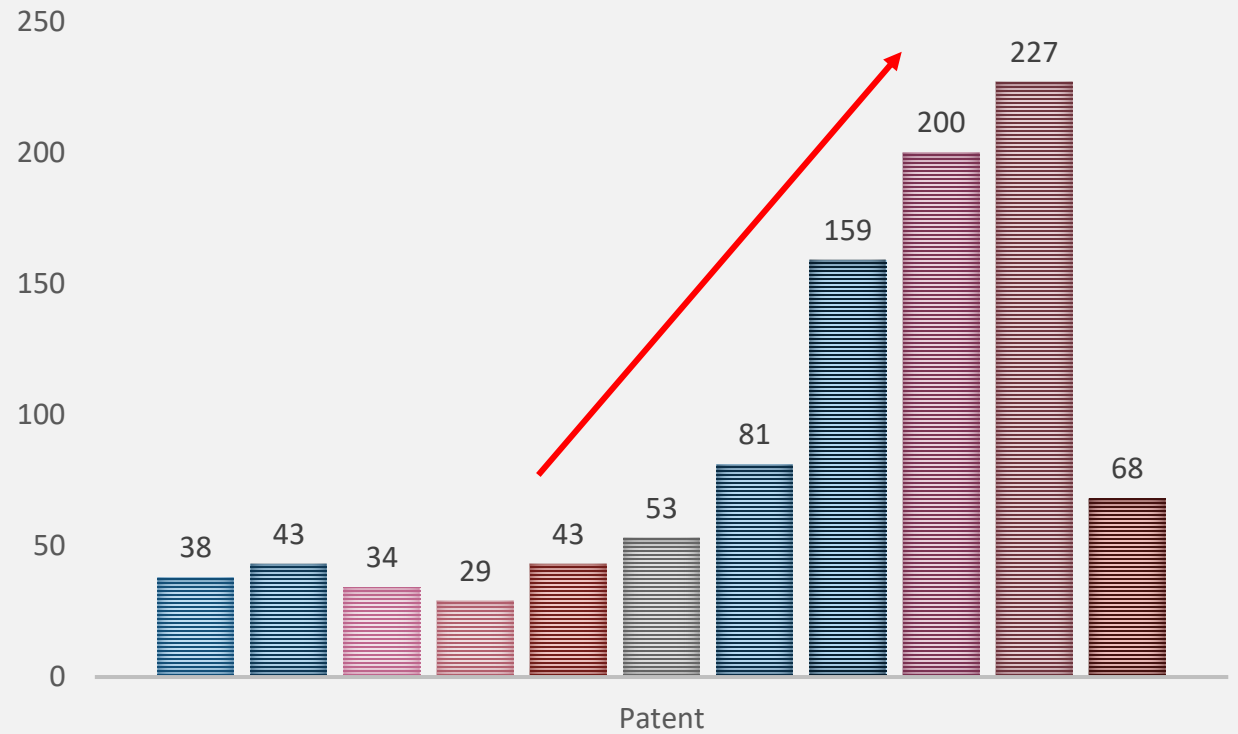
IPR

■ Patent ■ Copyright ■ Industrial Design ■ Plant Variety Protection



NUMBER OF PATENT APPLICATIONS

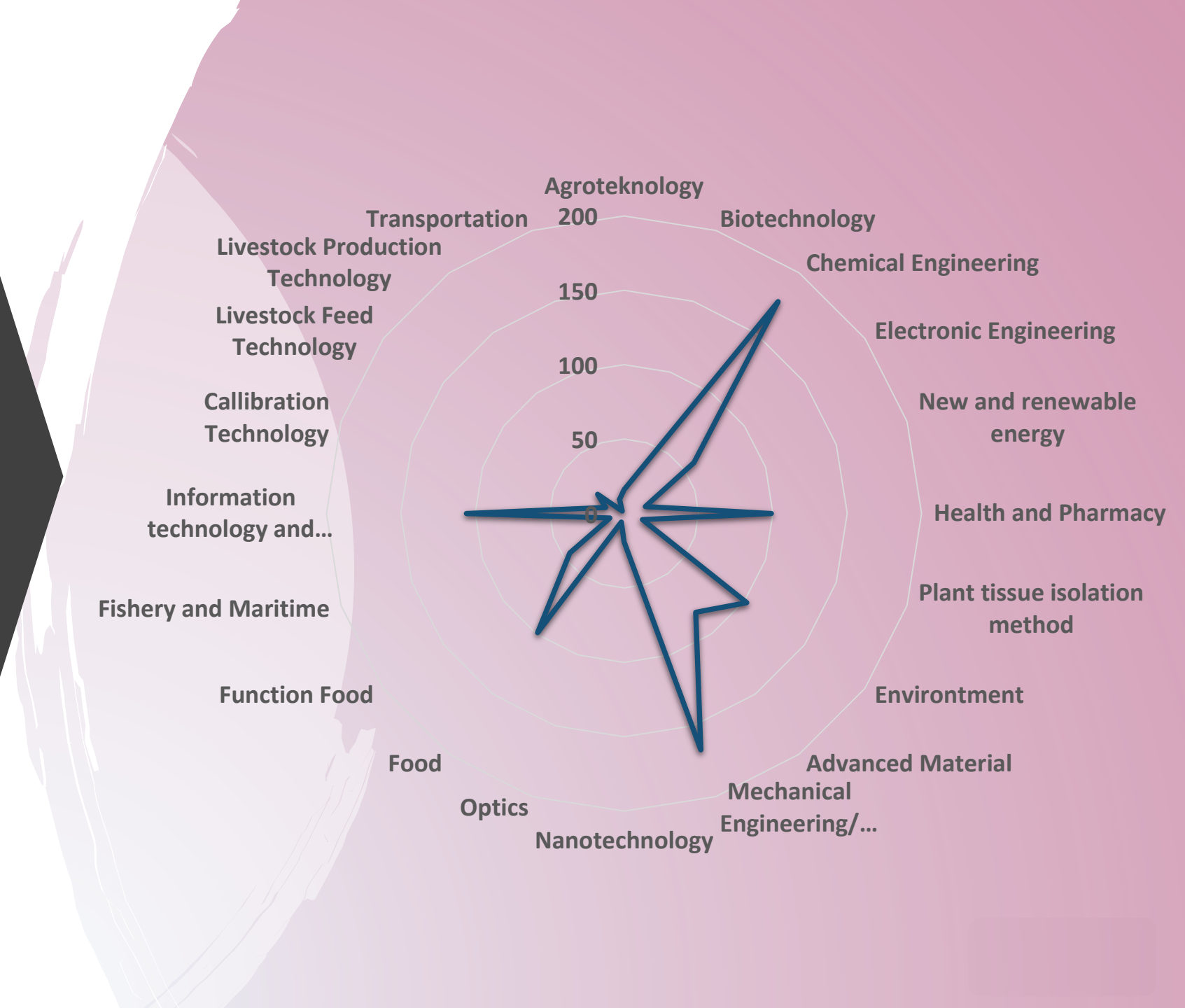
■ 2010 ■ 2011 ■ 2012 ■ 2013 ■ 2014 ■ 2015 ■ 2016 ■ 2017 ■ 2018 ■ 2019 ■ 2020



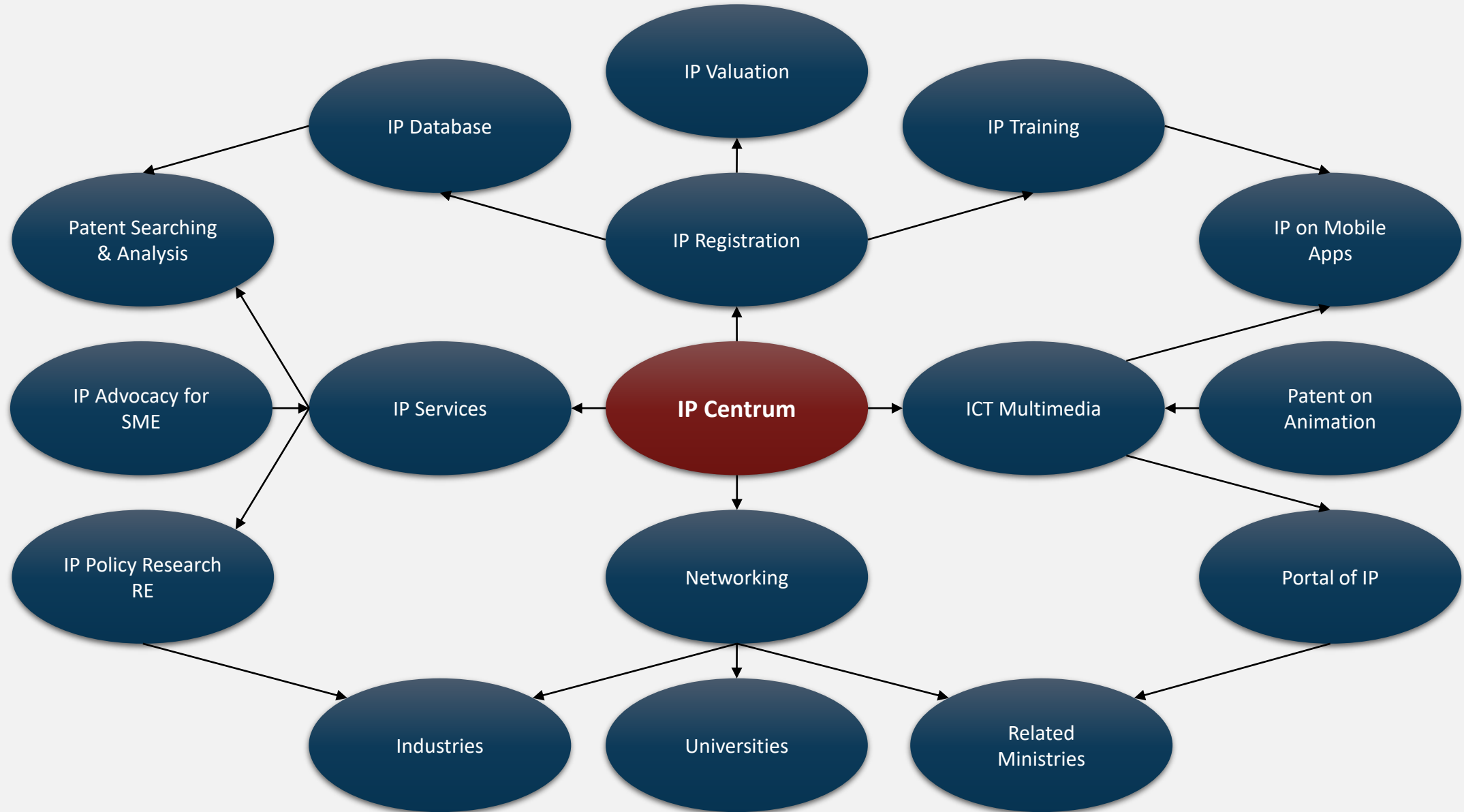


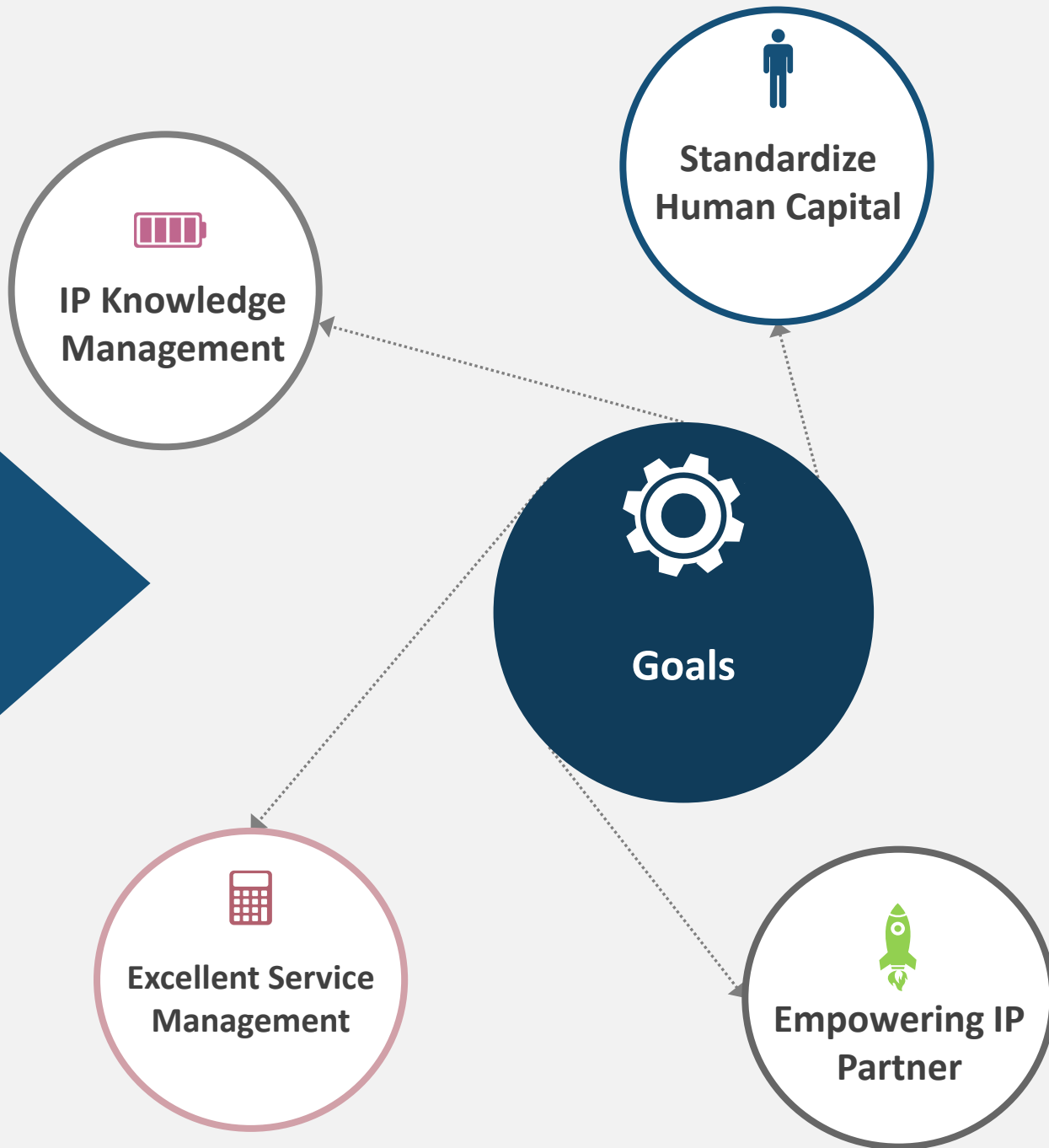
LIPI was awarded as the R&D institution with the highest number of patent applications in 2018 and 2019

The Technology Field of the LIPI's Patent



IP Management Strategy





- Providing excellent on IP registration;
- Provide comprehensive and updated information of IP to public;
- Increasing awareness of the importance of IP;

Open Access : Intellectual Property Information

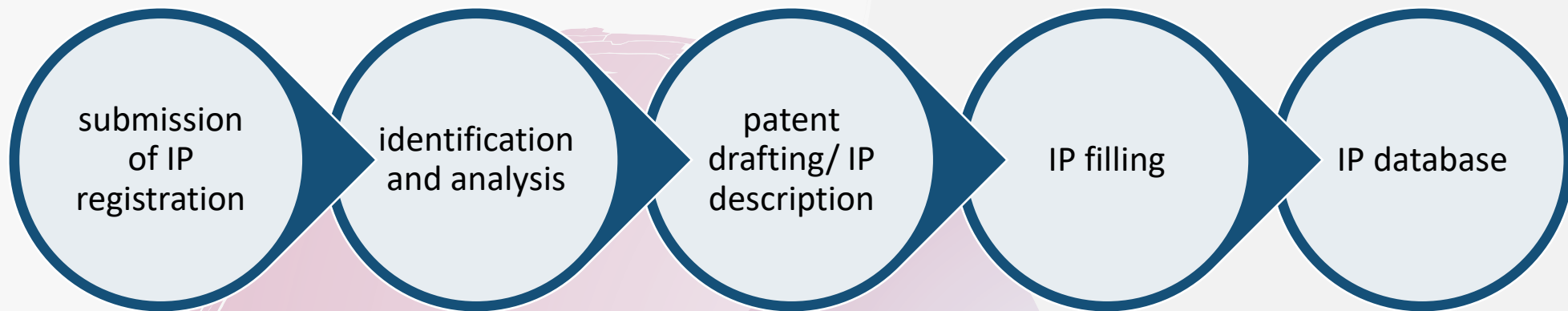


Interconnection of Intellectual Property Management of Institutions, Universities and Other Stakeholders to Create A Better Indonesia



<http://intipdaqu.inovasi.lipi.go.id/>

1. INTIPDAQU is an online platform providing intellectual property registration services
 - Online consultation
 - Message box
 - Updated registration process
2. INTIPDAQU provides real time information regarding IP owned by LIPI
3. INTIPDAQU serves as the accountability of research conducted in LIPI



IP Learning

Socialization of intellectual property

Patent Drafting Workshop

IP Webinar (Patent Drafting & IP Valuation)

E-Learning (IP and Patent Drafting)



E-LEARNING KEKAYAAN INTELEKTUAL LIPI

Available courses

[The Art of Patent Drafting - Advanced Workshop Gelombang 2](#)

Facilitator: Adi Aniktha
Facilitator: Iwan Budi Iwanto
Facilitator: Prachin Digojyo
Facilitator: Amelia Febri
Facilitator: Adnan Miki
Facilitator: Ramadhani Pilo
Facilitator: Arel Rachmad
Facilitator: Wawan Widastuti
Facilitator: Harri Yuliar
Facilitator: Muhamad Zuharnani

LPI sebagai Lembaga terbesar di Indonesia sudah memiliki lebih dari seribu paten sampai dengan tahun 2020. Sumber daya penelitian yang besar dan didukung oleh kemampuan serta pengalaman manajemen kekayaan intelektual (KI) telah menciptakan budaya KI dalam lingkungan institusi. Pada mayoritas kegiatan penelitian, KI senantiasa menjadi output selain publikasi ternobels.

Dengan bekal tersebut, PPI LIPI menyelenggarakan workshop tingkat lanjut tentang penulisan dokumen paten. Workshop ini merupakan Gelombang II, berlangsung dari tanggal 13 Juli 2020 - 24 Juli 2020 dengan metode *distance learning* (pembelajaran jarak jauh). Melalui platform pembelajaran jarak jauh ini peserta diberikan keluasaan dalam mempelajari modul kegiatan. Peserta juga diberikan kesempatan untuk berdiskusi dengan tutor dan peserta lainnya melalui forum diskusi pada platform tersebut serta via streaming (aplikasi zoom). Selain itu, kami menyediakan tutor untuk setiap 4-6 orang peserta dalam pendampingan penyusunan dokumen paten.

Tujuan kegiatan ini adalah agar peserta mampu menyusun dokumen paten secara mandiri. Bagi peserta yang memiliki invensi yang berpotensi dipatenkan, akan diberikan pendampingan berupa fiksasi klaim sehingga setelah mengikuti kegiatan ini peserta sudah memiliki paten siap daftar (80%).

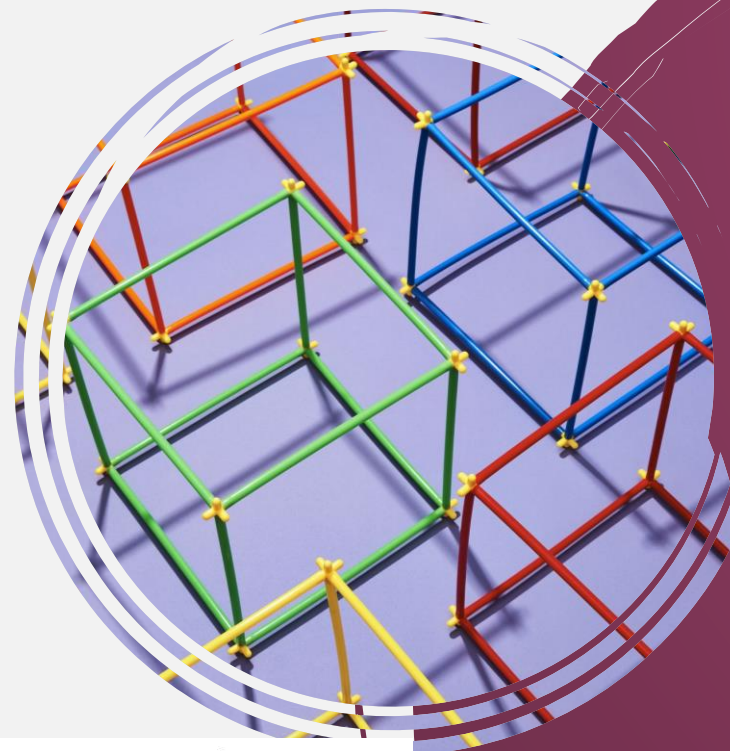
Peserta dan Mekanisme Pendaftaran

Target peserta pada kegiatan ini yaitu masyarakat umum dengan berbagai latar belakang akademis. Mekanisme dan ketentuan untuk mengikuti kegiatan ini sebagai berikut:

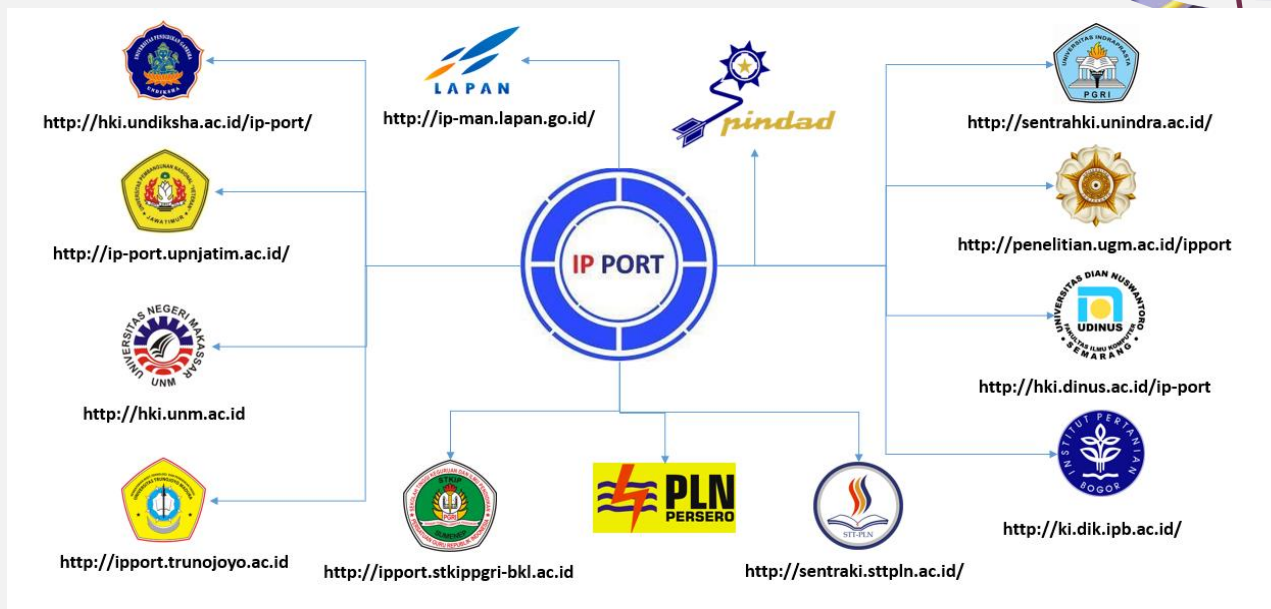
1. Sudah memiliki pemahaman dasar akan KI, khususnya paten
2. Dutamakan bagi peserta yang memiliki invensi yang berpotensi dipatenkan



- Intellectual Property Centers of Universities, R&D institutions and Industry;
- Directorate General of Intellectual Property (Indonesian Patent Office);
- Related ministries.



IP Networking



RESEARCH for PANDEMIC

Patent: accelerated processing

technology expose / seeking partner

License and Cooperation



Autonomus UVC Mobile Robot

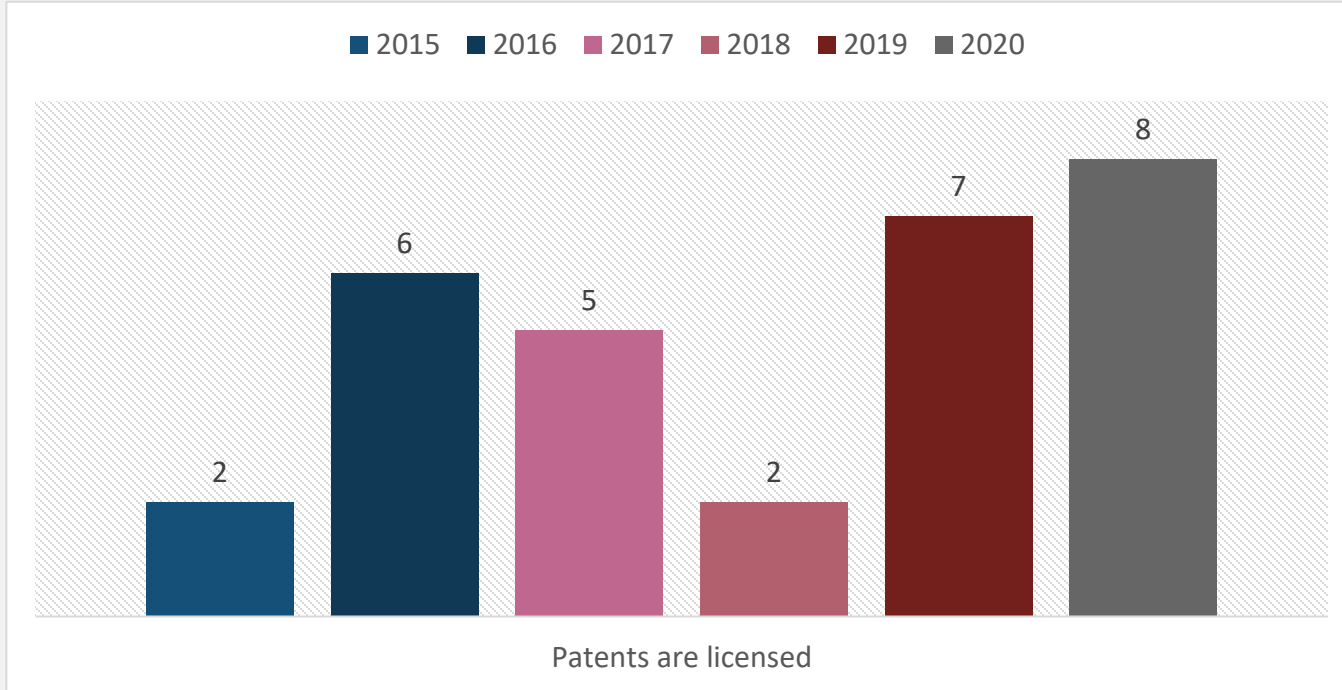


High Flow Nasal Cannula (HFNC)



Simple Smart UVC Sanitizer

IP Commercialization



- less than 5% of the total number of patents filing
- patents that are commercialized to SMEs and startups



match the inventors and industry needs



promote technology by exhibition



capitalize social media



provide business assistance



organize training and workshop

PROBIOTIK SUPLEMEN PAKAN



Patent : P00201606546

Licensed Technology



SHING
SUKSES ABADI

Probiotics for ruminants

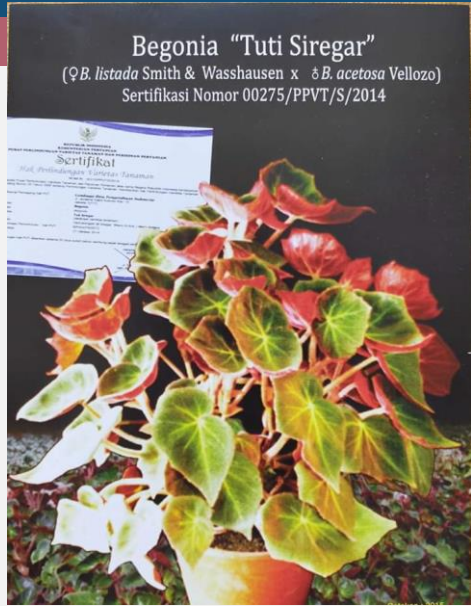


WATER AND AIR TREATMENT SYSTEM

Licensed Technology

Patent : P00201903600





Licensed PVP

BEGONIA TUTI SIREGAR



Challenge

- Distrust of the industry towards the results of R & D conducted by Universities and R & D Institutions
- Industries tend to use R&D results that they do themselves
- Most of research conducted by Universities and R & D Institutions has low TRL
- Product certification

Thank You

**Center for Utilization and Innovation of
Science & Technology – LIPI**

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hki.inovasi@mail.lipi.go.id;

